

# Luminous Sources

Lamps | LED strips

## 2020



**DURA**  
LAMP

**3F Filippi**

TARGETTI





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**3F Filippi**

**TARGETTI**

**DURA**  
LAMP

Since 1952, 3F Filippi S.p.A has been a benchmark in the field of efficient technical lighting fixture design and manufacturing.

The products, which are designed and created exclusively in the Pian di Macina - Pianoro (Bologna) facilities, are an expression of the company's ability to combine the traditional and the modern, craftsmanship and technology, appearance and functionality, and efficiency and sustainability.



Targetti has been designing and producing indoor and outdoor architectural lighting fixtures since 1928.

For over ninety years, its products have been illuminating prized artistic and architectural works throughout the world and are the expression of innovation, research, and attention to detail.

The company has always placed its experience and expertise at the disposal of architects, designers, and professionals in the lighting world.



With decades of experience and solid technical skill, Duralamp offers a wide range of high quality and efficient products.

Thanks to its expertise, it selects the latest generation components, engineering reliable products, with an offer that includes sources, LED strips, and lighting fixtures.



## **An Italian company open to the world**

Founded in Florence at the beginning of the 1980s as the Luminous Springs division of Targetti Sankey s.p.a., in 1982 Duralamp became independent and began to develop in the manner most congenial to it, with an emphasis on product engineering and the improvement of technologies and production processes.

The implementation of these processes and methodologies took shape at the beginning of the 2000s, on the one hand with the acquisition, in Joint-Venture, of a production site in China, and on the other hand with the development of reliable and long-lasting partnerships with other leading production realities both in Europe and in the East.

Duralamp is part of the 3F Filippi Group | TARGETTI. The recent acquisition by 3F Filippi has made it possible to develop synergies of great interest, and allowed the Group to structure an extremely varied product portfolio. The breadth of range, production capacity and customer response has now multiplied and is able to meet both the needs of Electrical Equipment Distribution and those of Specifiers and Buyers, Architects and Lighting Designers, at a global level.





## **Mission and Vision**

**We believe that by providing the best products at the best prices it is possible to build a relationship of trust with customers that lasts over time.**

Why do we believe we can do it? Because restructuring Standardised commodity products and finding the right balance of quality or even 'forging' light to meet the particular needs of an installation to us is a source of great professional satisfaction that turns into customer service.

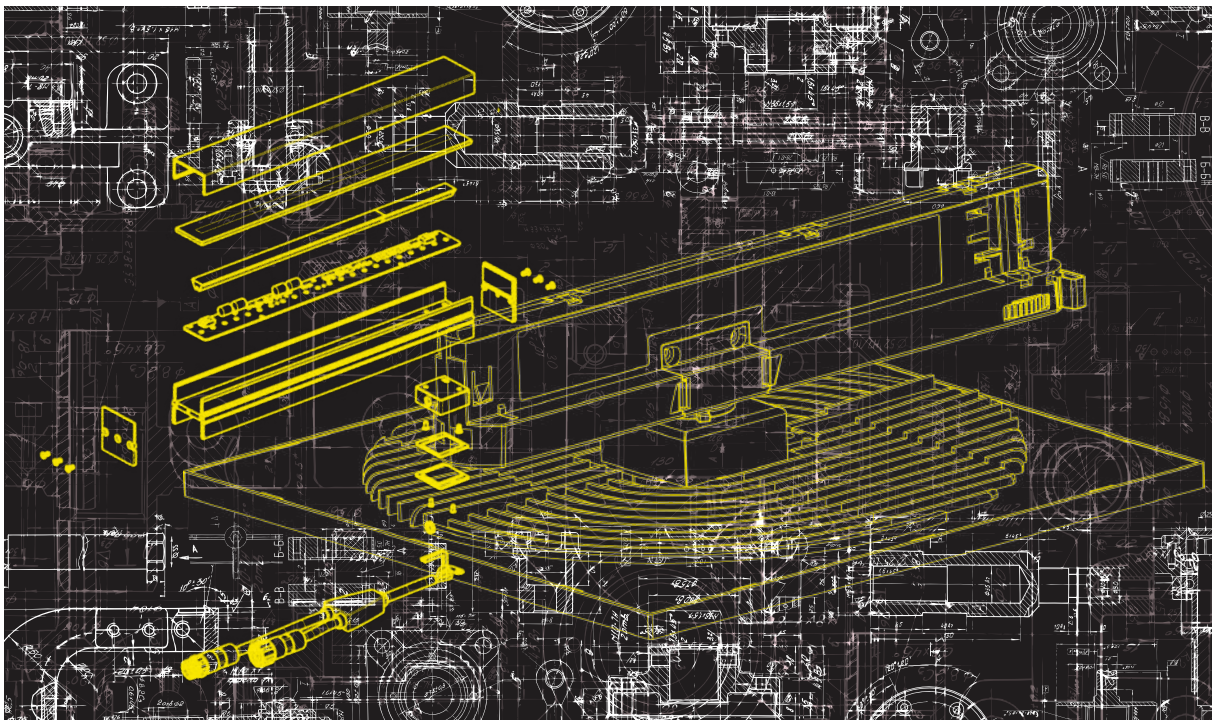
In a wider **Vision** we work to make a positive impact on people's lives with lighting environments that have never been seen before in terms of quality and usability. While paying attention to containing both design and production costs, we are committed to using cutting-edge technology to create a new dimension of light quality and control to place users at the centre of their choices.



## Technological evolution

The entire world of mass produced “light fixtures” has changed: today the request is for “lighting solutions” that are differentiated according to uses and areas of application. Duralamp is able to provide both a range of retrofitting fixtures and commodity lighting fixtures (Panels, Led, Hi Bay, Batten, Projectors etc.) as well as LED strips and power supply systems and intelligent control systems (Smart Building).

Our product improvements are dedicated to making a difference to the lifespan, emission stability over time and full compliance with requested parameters: they may not be visible but it is their effectiveness that interests us. In a world in continuous evolution we manage to maintain control over production and the choice of components to produce products with a quality/price ratio that can meet the different needs of the market.







## Custom-made products

The majority of products distributed worldwide are those that appear in catalogues that are differentiated according to reference markets. Yet it is custom-made products that give us the most satisfaction and allow us to put into practice all our expertise and technical ability... To satisfy particular requests from specifiers, lighting designers and architects we are able to provide 'custom-made' products, engineered, designed and built with the care a tailor puts into a made to measure shirt...



## Where can you find us?

In many areas Duralamp is present with direct sales representatives able to propose solutions and provide technical support for the choices made by Specifiers. The company can also rely on a network of Distributors who manage their respective local markets with stock and pre-sales and after-sales services. This extensive and varied commercial network is a real asset that complements the international structure of the various branches in the Group. The network Duralamp operates through is really extensive and allows them to participate actively and effectively in projects in different countries around the world, in Europe, the USA, South America and the Far East.



More details on [www.duralamp.it](http://www.duralamp.it)



## Why choose Duralamp

Duralamp has a great advantage: a streamlined and flexible structure ready to study technology to improve existing solutions or discover new ones. Four decades of first-hand experience in production sites in China, an onsite engineering team, constant research into the most suitable materials, the most effective industrial processes, monitoring and controlling all production processes and cutting edge technology in our production sites both in Italy and abroad... all allow us to provide the expertise that has allowed us to successfully conclude high-level projects around the world. Of course in addition to daily operations that are subject to ISO 9001 Certification Quality Standards.



All Duralamp products conform to all European Directives and where required have obtained Quality and Safety marks from other countries:



**NEW**

p. 26



### TUBOLED FOOD

Ra>90 version for the most used tube in the sector, the one used to display meat and salami.

page 26

**NEW**

p. 28



### DECO LED UP

Extension of the range of 800 lumen lamps: Round and Candle E27 also available.

**NEW**

p. 47



### EVO HIGH POWER

New power: 22W, E27 and very high lumen output!

**NEW**

p. 48



### HIGH POWER ELLIPSOIDAL

REPLACES discharge lamps!  
Choice of wattages and colour temperature: see also the Sodium Effect versions!

**NEW**

p. 56



### SENSOR + SENSOR PIR

Two new versions for real energy saving lamps: the only turn on when needed!

**NEW**

p. 62



### CATENARIA

The festoon lighting cable Catenaria for series connection is also available in white colour, perfect for environments used for hospitality, wedding receptions etc...

**NEW**

p. 106



### DURASTRIP FOOD

Strips "Food": enhancement of the goods on display with the flexibility, reliability and practicality of LED strips.

**NEW**

p. 128



### ALUMINIUM PROFILES

New codes for Best Seller profiles! The youngest in the range come complete with accessories!

**NEW**

p. 136



### DRIVERS

Meanwell drivers from 75W to 240W, wide range.



**NEW**

p. 118



### DURASTRIP HIVOLT ARCH DIMMABLE / 230V - 120V

Dimmable version supplied with TRIAC soft dimming achieved with the built in control Chip. May be provided with IP40 or IP65 rating depending on the installation environment.

## LAMPS FOR DIFFUSED LIGHTING



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PAR56 WHITE  
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**NEW**  
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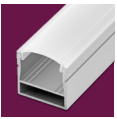
**108**  
DURAstrip  
RGB



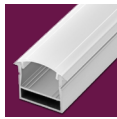
**NEW**  
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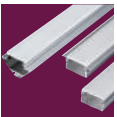
**NEW**  
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### DICHARGE LAMPS



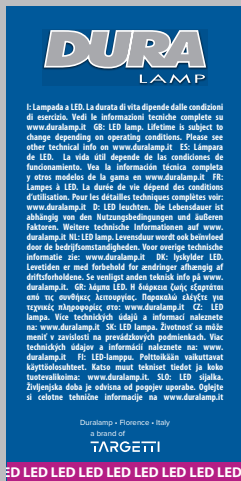
**158**  
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**159**  
HIGH PRESSURE  
SODIUM

# TALKING BOXES

BOXES DECLARING THE REAL LAMP DATA!

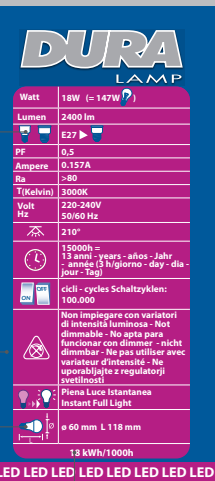


Complete data table

Easy choice of base: large or small

Indication whether the lamp is dimmable or not

Lamp size



Consumption in kWh

GREEN EVOLUTION: great energy saving



Lumen

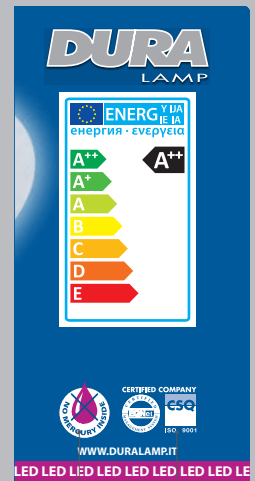
Watt

Equivalence with incandescence\*

DECOLED A60 EVO

Identifying colour of the light

logo 'Instant light'



symbol: does not contain mercury

Company Quality Certification ISO9001

\* This data is calculated using the algorithm indicated by the standard for the data to be displayed on packaging. Sometimes it appears different from the wattages of old incandescent lamps, for two reasons:

- 1- because we declare the lumens actually emitted by the lamp;
- 2 - because we display the data as required by the European Directives.

Keep in mind that if on the box there is written, for example, equivalence with a 21W, the higher brightness typical of LED lamps will make this lamp a really good replacement for a 25W bulb.

# THE CONCEPT OF ENERGY EFFICIENCY

CORRESPONDENCE BETWEEN THE WATT OF AN INCANDESCENT LAMP AND THE LUMEN OF LED LAMPS: with the same performance (lumen) the lower the power absorption (Watt) the better the energy efficiency is (lumen/watt)

INCANDESCENCE (OLD LAMPS)	LUMEN	DURA LAMP		OTHER PLAYERS	
		WATT LED	W/lumen EFFICIENCY	WATT LED	W/lumen EFFICIENCY
25W	249 lm	3,2W	78	3,6W	70
40W	470 lm	5,3W	89	6,4W	74
60W	806 lm	8/9W	93	10W	78
75W	1055 lm	12W	88	12W	88
100W	1521 lm	15W	102	18W	85
120W	2000 lm	16W	125	22W	91
150W	2490 lm	18W	135	30W	83

These values are the standard lumens that help to identify the wattages of old incandescent lamps. The European Community has for years indicated the lumen as the unit of measurement and comparison between lamps. However, most people still find it difficult to assess the lumen value.

Once the lumen value has been identified as corresponding, for example, to an old 60W, the power of an LED lamp capable of emitting that 'amount of light' will be LOWER the more efficient the lamp is.

Duralamp is committed to always using the most advanced LEDs and construction technologies that can improve lamp efficiency. So an LED that yesterday used 16W to produce 806 lumens, then dropped to 14W, then to 8/9W and will certainly reduce the consumption needed to produce that same amount of light again. We are constantly working to make this happen, because it produces an ever-increasing energy saving and consequently makes a further contribution to reducing man's impact on the ecosystem.

# KEY

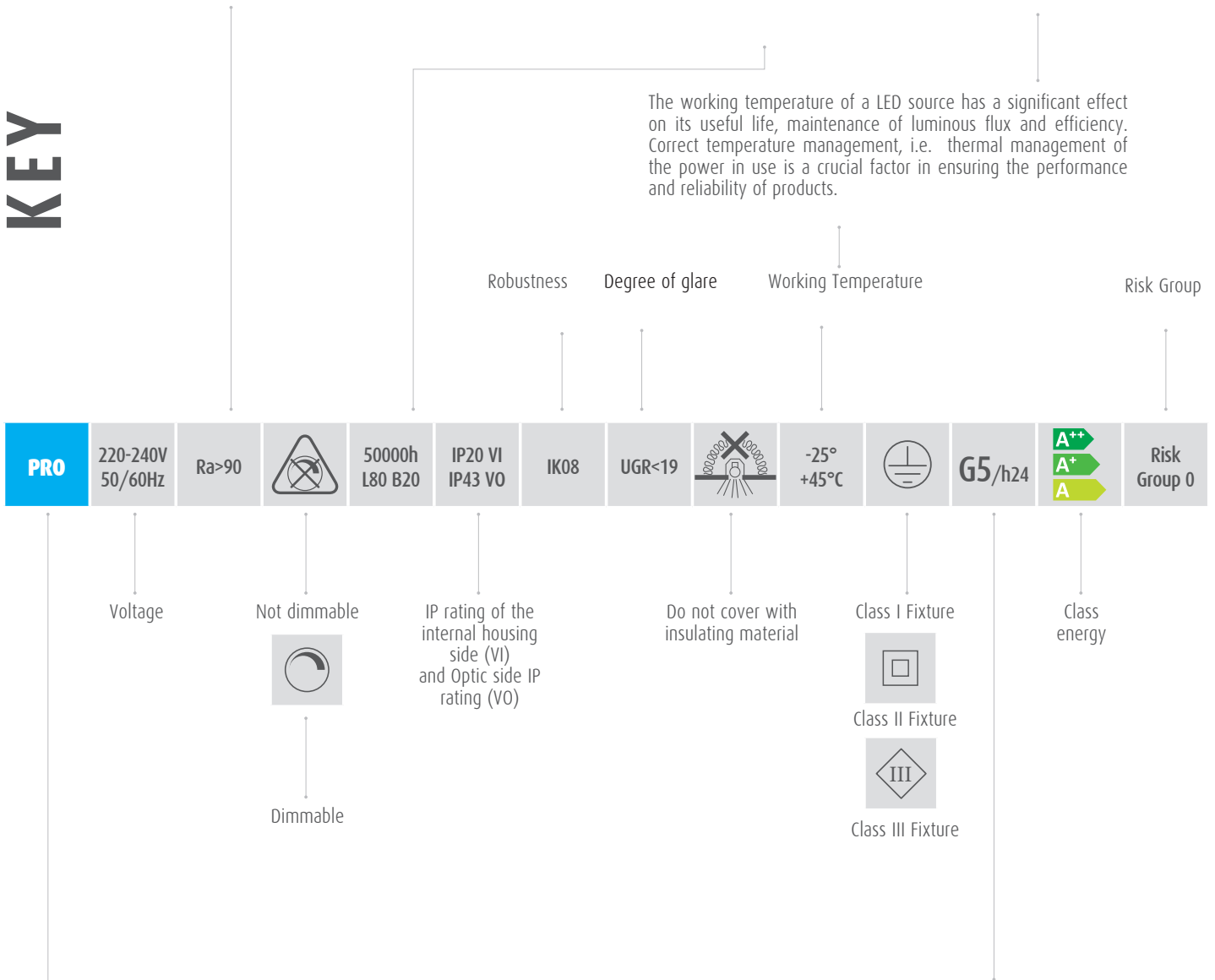
## EXCELLENT COLOUR RENDERING

Good colour rendering improves the perception of an environment and makes it pleasant. Yet it is what is 'behind' a simple "Ra" value that really creates a good reading of the colours in an environment: modulation of the light spectrum and centring of the colour point on the McAdam ellipse are all elements that Duralamp work intensely on to keep production quality levels high.

## LED LIFESPAN

LED lamps, unlike traditional lamps do not suddenly stop working but gradually decrease their initial flow unless there are defects or electric shocks. A LED lamp is considered to be no longer functioning it reaches 70% of their initial flow (L70). For example 50'000h L80B10, meaning the period of time (50'000h) in which 10% (B10) of the LED products of the same type has gradually fallen below 80% of the initial nominal flux.

The working temperature of a LED source has a significant effect on its useful life, maintenance of luminous flux and efficiency. Correct temperature management, i.e. thermal management of the power in use is a crucial factor in ensuring the performance and reliability of products.



- BASIC** Ideal products for markets of consumers
- PLUS** outstanding performance and the best quality-price ratio
- PRO** specific applications and top-level features
- PROJECT** production on project specification

## LED WARRANTY SPECIFICATIONS KEY





- G2** Up to 2 years (4000h/year)\*  
\*4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
- G3** Up to 3 years (4000h/year)\*  
\*4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
- G4/h24** Full Guarantee 4 years (24h/24h) h24, provides Total Warranty! The winning element for great projects.
- G5/h24** Full Guarantee 5 years (24h/24h) h24, Total Warranty up to 5 years use!

## REAL LUMEN

Data on luminous flux shown on the tables of Duralamp is REAL and measured on the fixture after one hour of continuous use in actual conditions of use. Duralamp does not show nominal values of sources that, being higher than those emitted by fixtures are misleading for lighting considerations and for performance evaluation.

## EXCELLENT COLOUR RENDERING

Good colour rendering improves the perception of the environment and makes it more pleasant. Yet it is what is really 'behind' a simple "Ra" data that really creates good colour rendering in an environment: modulation of the light spectrum and centring of the colour point on the McAdam ellipse are all elements that Duralamp work intensely on to keep production quality levels high.

art.	W	lm	K	PF	L	L1	L2		 Barcode	 Minimum Order Quantity
<b>LP6060UGR-XXXA</b>	40	3000	3000	0,95	595	595	9	2200	 8011905	5
Code	Rated watts				Dimensions in mm			Weight in grams		Packing unit multiple

## PF 0.9

A Power factor (PF) over 0.9 ensures fixtures that minimise the normal repercussions of losses on the network. With PF 0.9 it is not necessary to correct the electrical system which brings significant benefits in terms of cost and ease of installation in industrial plants.

## FLICKER FREE

Providing greater visual comfort, improved definition of detail and reduction of stress.

More information and explanations on these and other topics on the Info Tech page





# LED SOURCES



TUBOLED 5000h

6400K



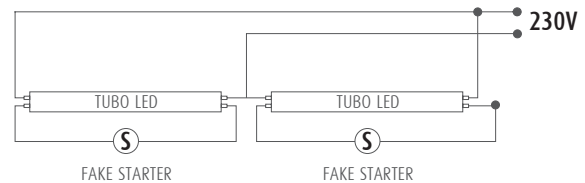
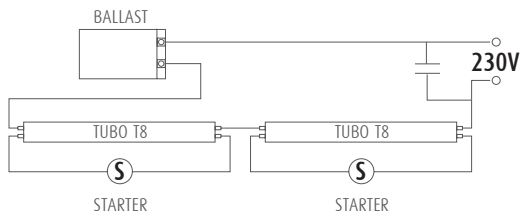


## TUBOLED VB 25.000h

Efficiency: up to 106 lm/W  
 Warranty: 2 years  
 Body material: white glass.  
 Standard G13 base, classic look.  
 Package: single.  
 Commercial and residential installations, in private garages, corridors...  
 Excellent light uniformity and colour distribution.  
 PF 0,5

## TUBOLED LL6 50.000h

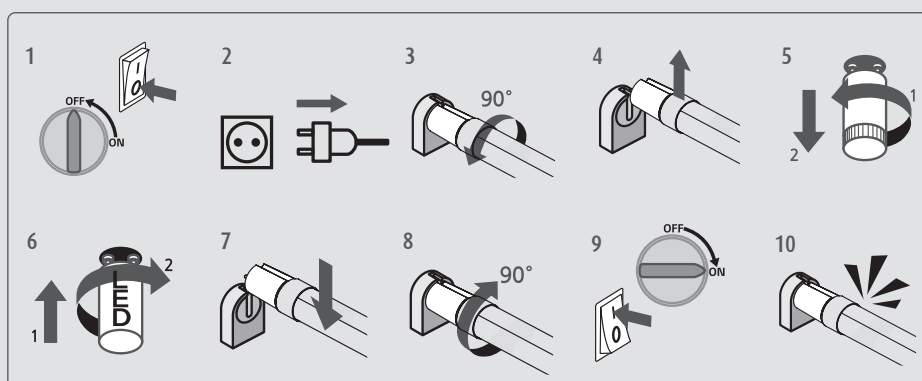
Efficiency: up to 140 lm/W  
 Warranty: 5 years  
 Body material: transparent glass filled with tri-phosphor powder.  
 Standard G13 base, modern look flush with the tube.  
 Package: industrial pack of 10pcs that can be sold separately.  
 TOP installations: projects with a focus on performance.  
 Installations with intense 24h use, in public car parks, offices, libraries...  
 Thanks to its long product life it can be used where lamp replacement is difficult.  
**PF 0,9:** does not need power factor correction even in large installations.  
 Up to 2800 lumens of light output for a consumption of only 24W!



### MOUNTING TUBOLED GLASS AND TUBOLED 50.000h: REPLACING FLUORESCENT TUBES IN EXISTING SYSTEMS

- 1) Existing luminaries equipped with electromagnetic reactor: equipped with thermal protection: direct replacement of the tube + replace the starter with the supplied device/starter. Without thermal protection: disconnection from power supply is recommended. Mains feed without any starter.
  - 2) Existing luminaries equipped with electronic power supply: disconnect power supply; do not use any starter. Mains feed.
  - 3) FOR USE WITH MAINS SUPPLY 230V, WITHOUT POWER SUPPLY:
    - 3.1 - Connect the pin side "INPUT" indicated on the tube to the mains.
    - 3.2 - Do not connect anything on the opposite side; do not use any starter.
  - 4) Installation with fluorescent tubes connected in series: the LED tubes can not be connected in series.
  - 4.1) Clear power supply and the starter of each fluorescent tube; connect LED tubes in parallel directly to the mains voltage.
- DO NOT USE IN "IN SERIES" INSTALLATIONS.

If the fixture is equipped with one reactor which feeding two tubes, exclude the reactor and feed the tubes directly to the mains.



This lamp can be used at 50 Hz or 60 Hz



This lamp cannot be used for emergency lighting



LED replacing 'starter'



For use in dry environments or inside duly protected fixtures.

# TUBOLED GLASS VB 25.000 h

## TYPE

Wide lighting distribution curve.

## CHARACTERISTICS

Replacing 18W, 36W and 58W T8 tubes: high energy saving.

Immediate switch on, no flickering or buzzes. Great flux maintenance.

## MATERIAL

Glass body; aluminium cap.

## APPLICATIONS

Laboratories, production areas, garages, service corridors, commercial installations.

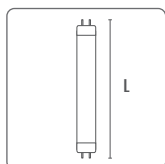


<b>BASIC</b>	220-240V 50/60Hz	Ra>80		25000h L70	IP20	-25° +35°C	G2	
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## USAGE INFORMATION

Do not use with dimmers. In case fluorescent tubes must be replaced, follow the simple assembly instructions indicated. See instruction on the website. Do not use in installations in series.

art.	W	W Fluo		lm	K	PF		Ø	L		
<b>L18830VB</b>	9	<b>18</b>	G13	1010	3000	0,50	330°	28	604	845414	10
<b>L18840VB</b>	9	<b>18</b>	G13	1060	4000	0,50	330°	28	604	845438	10
<b>L18860VB</b> <sup>(1)</sup>	9	<b>18</b>	G13	1080	6400	0,50	330°	28	604	845452	10
<b>L30830VB2</b>	16	<b>30</b>	G13	1690	3000	0,50	330°	28	900	855673	10
<b>L30840VB2</b>	16	<b>30</b>	G13	1730	4000	0,50	330°	28	900	855697	10
<b>L30860VB2</b>	16	<b>30</b>	G13	1770	6400	0,50	330°	28	900	855710	10
<b>L36830VB</b>	18	<b>36</b>	G13	1980	3000	0,50	330°	28	1200	845476	10
<b>L36840VB</b>	18	<b>36</b>	G13	2050	4000	0,50	330°	28	1200	845490	10
<b>L36860VB</b>	18	<b>36</b>	G13	2090	6400	0,50	330°	28	1200	845513	10
<b>L58830VB</b>	24	<b>58</b>	G13	2380	3000	0,50	330°	28	1500	845575	10
<b>L58840VB</b>	24	<b>58</b>	G13	2500	4000	0,50	330°	28	1500	845551	10
<b>L58860VB</b>	24	<b>58</b>	G13	2550	6400	0,50	330°	28	1500	845537	10



# TUBOLED LL6 50.000 h

## EFFICIENCY

Up to 140 lm/W

## CHARACTERISTICS

Great light uniformity and distribution  
PF 0,9

## MATERIAL

White glass body.

## NB

Laboratories, production areas, garages, service corridors, commercial installations.



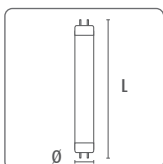
## USAGE INFORMATION

Do not use with dimmers. In case fluorescent tubes must be replaced, follow the simple assembly instructions indicated. See instruction on the website. Do not use in installations in series.

<b>PLUS</b>	220-240V 50/60Hz	Ra>80		50000h L70	IP20	-25° +45°C	G5/h24	
-------------	---------------------	-------	--	---------------	------	---------------	--------	--

art.	W		lm	K	PF		Ø	L		
<b>L18830LL6</b>	10	G13	1200	3000	0,90	300°	28	600	8011905	10
<b>L18840LL6</b>	10	G13	1250	4000	0,90	300°	28	600	62152	10
<b>L18860LL6</b>	10	G13	1300	6400	0,90	300°	28	600	62176	10
<b>L36830LL6</b>	18	G13	2200	3000	0,90	300°	28	1200	62190	10
<b>L36840LL6</b>	18	G13	2250	4000	0,90	300°	28	1200	62213	10
<b>L36860LL6</b>	18	G13	2300	6400	0,90	300°	28	1200	62237	10
<b>L58830LL6</b>	20	G13	2700	3000	0,90	300°	28	1500	62251	10
<b>L58840LL6</b>	20	G13	2750	4000	0,90	300°	28	1500	62275	10
<b>L58860LL6</b>	20	G13	2800	6400	0,90	300°	28	1500	62299	10

Packed like fluorescent tubes; 10pcs pack.





## 2700K YE

### YE

'Enhanced' yellow: improves the perception of products with warm colours. Typically used on counters selling bread and pastries.



## 3800K RE

### RE

'Enhanced' red: makes the goods on display on butchers and delicatessen counters appear fresh and appetising.



## 2500K RE-EN

### RE-EN Ra>90

'Enhanced' red: makes the goods on display on butchers and delicatessen counters appear fresh and appetising. With an improved colour rendering!



## 8000K WE

### WE

'Enhanced' white: improves the perception of products and reinforces contrast. Improves the visual experience in bridal shops or on fish and vegetable counters, in the printing industry and aquariums.

# TUBOLED FOOD

## TYPE

T8 LED tubes for special applications.

## CHARACTERISTICS

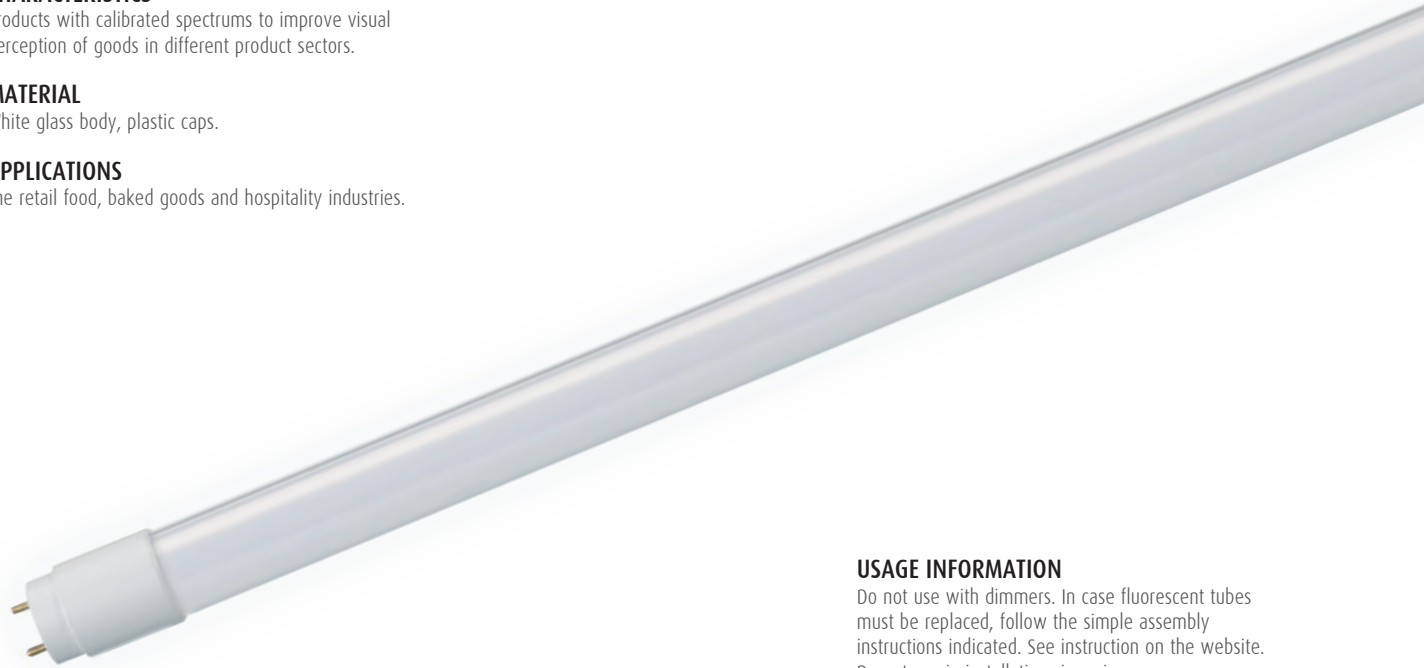
Products with calibrated spectrums to improve visual perception of goods in different product sectors.

## MATERIAL

White glass body, plastic caps.

## APPLICATIONS

The retail food, baked goods and hospitality industries.



## USAGE INFORMATION

Do not use with dimmers. In case fluorescent tubes must be replaced, follow the simple assembly instructions indicated. See instruction on the website. Do not use in installations in series.

<b>PLUS</b>	220-240V 50/60Hz	Ra>80		40000h L70	IP20	-25° +35°C	<b>G4</b>		<b>A+</b>
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art.	W	lm	K		PF		Ø	L	80119059	
<b>L188YE</b>	10	850	2700	280°	0,91	G13	29	602	27486	25
<b>L188RE*</b>	10	950	3800	280°	0,88	G13	29	602	27493	25
<b>L188WE</b>	10	1050	8000	280°	0,90	G13	29	602	27509	25
<b>L368YE</b>	20	1800	2700	280°	0,91	G13	29	1212	27516	25
<b>L368WE</b>	20	2200	8000	280°	0,91	G13	29	1212	27530	25
<b>L588YE</b>	24	1950	2700	280°	0,91	G13	29	1513	27547	25
<b>L588RE*</b>	24	2150	3800	280°	0,92	G13	29	1513	27554	25
<b>L588WE</b>	24	2350	8000	280°	0,90	G13	29	1513	27561	25

\* To be discontinued

<b>PLUS</b>	220-240V 50/60Hz	Ra>90		40000h L70	IP20	-25° +35°C	<b>G4</b>		<b>A+</b>
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	art.	W	lm	K		PF		Ø	L	80119059	
New	<b>L189RE-EN</b>	10	670	2500	280°	0,87	G13	29	602	39007	25
New	<b>L369RE-EN</b>	20	1450	2500	280°	0,92	G13	29	1212	38994	25
New	<b>L589RE-EN</b>	24	1560	2500	280°	0,92	G13	29	1513	38987	25

## DECO LED UP ROUND - E14

### TYPE

Immediate retro-fit of incandescent lamps up to 60W, perfect replacement of opal incandescent lamps, no more available on the European market.

### CHARACTERISTICS

Uniformly diffused lighting on the axes.

### OPENING/BEAM

240° - Antiglare opal finish of the lamp cover.

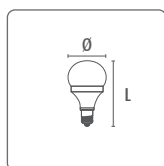
### MATERIAL

The body of the lamp is in termoconductive material to optimise heat dissipation. Ultralight cover.



art.	photo	W		lm	K		Ø	L	8011905	
CP377WF <sup>(2)</sup>	1	7	E14	790	3000	240°	45	90±3	922733	10
CP377NF <sup>(2)</sup>	1	7	E14	800	4000	240°	45	90±3	922740	10
CP377CF <sup>(2)</sup>	1	7	E14	810	6400	240°	45	90±3	922757	10
CP456WWF	2	6,4	E14	650	2700	240°	45	80±3	852139	10
CP456WF	2	6,4	E14	650	3000	240°	45	80±3	846084	10
CP456NF <sup>(1)</sup>	2	6,4	E14	680	4000	240°	45	80±3	846107	10
CP456CF <sup>(1)</sup>	2	6,4	E14	700	6400	240°	45	80±3	846121	10
CP4535WF	2	5,3	E14	470	3000	240°	45	80±3	836078	10
CP4535NF	2	5,3	E14	485	4000	240°	45	80±3	837693	10
CP4535CF	2	5,3	E14	500	6400	240°	45	80±3	837709	10
CP4535WWD *	2	5,3	E14	470	2700	240°	45	80±3	845964	10
L017WW	2	3,2	E14	270	2700	240°	45	80±3	845872	10
L017W	2	3,2	E14	270	3000	240°	45	80±3	836436	10
L017N	2	3,2	E14	280	4000	240°	45	80±3	836962	10
L017C <sup>(1)</sup>	2	3,2	E14	290	6400	240°	45	80±3	836979	10

\* Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



## DECO LED UP ROUND - E27

### TYPE

Immediate retro-fit of incandescent lamps up to 60W, perfect replacement of opal incandescent lamps, no more available on the European market.

### CHARACTERISTICS

Uniformly diffused lighting on the axes.

### OPENING/BEAM

240° - Antiglare opal finish of the lamp cover.

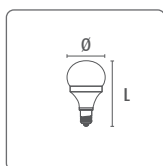
### MATERIAL

The body of the lamp is in termoconductive material to optimise heat dissipation. Ultralight cover.



art.	W		lm	K		Ø	L	8011905	
New <b>CP377W7F</b> <sup>(1)</sup>	7	E27	790	3000	240°	45	90±3	950903	10
New <b>CP377N7F</b> <sup>(1)</sup>	7	E27	800	4000	240°	45	90±3	950910	10
New <b>CP377C7F</b> <sup>(1)</sup>	7	E27	810	6400	240°	45	90±3	950927	10
<b>CP456WW7F</b>	6,4	E27	650	2700	240°	45	80±3	852207	10
<b>CP456W7F</b>	6,4	E27	650	3000	240°	45	80±3	847388	10
<b>CP456N7F</b> <sup>(1)</sup>	6,4	E27	680	4000	240°	45	80±3	847425	10
<b>CP456C7F</b> <sup>(1)</sup>	6,4	E27	700	6400	240°	45	80±3	847401	10
<b>CP4535W7F</b>	5,3	E27	470	3000	240°	45	80±3	836085	10
<b>CP4535N7F</b>	5,3	E27	485	4000	240°	45	80±3	837716	10
<b>CP4535C7F</b>	5,3	E27	500	6400	240°	45	80±3	837723	10
<b>CP4535WW7D</b> <sup>*</sup>	5,3	E27	470	2700	240°	45	80±3	845995	10
<b>L140WW</b>	3,2	E27	270	2700	240°	45	80±3	845902	10
<b>L140W</b>	3,2	E27	270	3000	240°	45	80±3	836474	10
<b>L140N</b>	3,2	E27	280	4000	240°	45	80±3	836986	10
<b>L140C</b> <sup>(1)</sup>	3,2	E27	290	6400	240°	45	80±3	836993	10

\* Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



## DECO LED UP CANDLE - FLAME

### TYPE

Immediate retro-fit of incandescent lamps up to 60W, perfect replacement of opal incandescent lamps, no more available on the European market.

### CHARACTERISTICS

Uniformly diffused lighting on the axes.

### OPENING/BEAM

240° - Antiglare opal finish of the lamp cover.

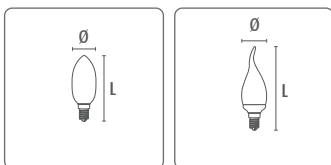
### MATERIAL

The body of the lamp is in termoconductive material to optimise heat dissipation. Ultralight cover.



<b>BASIC</b>	220-240V 50/60Hz	Ra>80		15000h <sup>(2)</sup> L70	20000h L70	IP20	-25° +35°C	G2		A+ A++ <sup>(1)</sup>
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art.	photo	W		lm	K		Ø	L		
<b>CC377WF</b> <sup>(1)(2)</sup>	1	7	E14	790	3000	240°	37	107±3	922702	10
<b>New CC377WF</b> <sup>(1)(2)</sup>	2	7	E27	790	3000	240°	37	107±3	950934	10
<b>CC377NF</b> <sup>(1)(2)</sup>	1	7	E14	800	4000	240°	37	107±3	922719	10
<b>New CC377NF</b> <sup>(1)(2)</sup>	2	7	E27	800	4000	240°	37	107±3	950941	10
<b>CC377CF</b> <sup>(1)(2)</sup>	1	7	E14	810	6400	240°	37	107±3	922726	10
<b>New CC377CF</b> <sup>(1)(2)</sup>	2	7	E27	810	6400	240°	37	107±3	950958	10
<b>CC376WF</b>	1	6,4	E14	650	3000	240°	37	103±3	843151	10
<b>CC376NF</b> <sup>(1)</sup>	1	6,4	E14	680	4000	240°	37	103±3	846060	10
<b>CC376CF</b> <sup>(1)</sup>	1	6,4	E14	700	6400	240°	37	103±3	843168	10
<b>CC3735WF</b>	1	5,3	E14	470	3000	240°	37	103±3	836092	10
<b>CC3735NF</b>	1	5,3	E14	485	4000	240°	37	103±3	837730	10
<b>CC3735CF</b>	1	5,3	E14	500	6400	240°	37	103±3	837747	10
<b>L037WW</b>	1	3,2	E14	270	2700	240°	37	103±3	845933	10
<b>L037W</b>	1	3,2	E14	270	3000	240°	37	103±3	836498	10
<b>L037N</b>	1	3,2	E14	280	4000	240°	37	103±3	837006	10
<b>L037C</b> <sup>(1)</sup>	1	3,2	E14	290	6400	240°	37	103±3	837013	10
<b>L151W</b>	3	3,2	E14	270	3000	220°	37	133±3	36948	10







## TECNO VINTAGE

Dimmable

## DECO LED TECNO VINTAGE



The state of the art power pack incorporated into the body manages and compensates for voltage variations on the network to ensure constant power supply to the LED filaments.

This design creates glow "sticks" to identify with the old fashioned incandescent lamps that are identified as extremely resistant "filaments".



**TRANSPARENT**  
The same bulbs and light effect as incandescent lamps .



**OPAL**  
A completely white bulb that does not show the filaments.



**MATT**  
The same bulb and finish as incandescent lamps: available with 2700K and 2200K



**AMBER**  
Bulb with a pleasant amber colour; 'Soft filaments' version for lovely curves for atmospheric lighting effects.



**MIRROR TOP**  
An extremely decorative and anti-glare globe that has been updated with LED technology

## DECO LED TECNO VINTAGE

### TYPE

Range of lamps "filament LED": micro-led sources - that optimise thermal management - are positioned on a glass support and completely covered with phosphor powder that unifies, amplifies and diffuses the light.

### CHARACTERISTICS

Excellent colour maintenance and are light constant over time.

### MATERIAL

Glass bulb

### NB

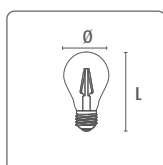
Do not use with dimmers except if otherwise indicated.



art.	photo	W		lm	K		Ø	L	8011905	
<b>LF0541W</b> <sup>(1)(2)</sup>	1	2,5	E27	250	2700	320°	60	105	862428	10
<b>LF0542W</b> <sup>(1)(2)</sup>	2	6	E27	660	2700	320°	60	105	841409	10
<b>LF0543W</b> <sup>(1)</sup>	3	7	E27	806	2700	320°	60	105	841416	10
<b>LFA60827-D</b> <sup>(1)</sup>	3	8	E27	1055	2700	320°	60	105	861728	10
<b>LFA600827</b> <sup>(1)</sup>	3	8	E27	1055	2700	320°	60	105	922573	10
<b>LFA671227</b> <sup>(1)</sup>	4	12	E27	1521	2700	320°	67	118	922672	10
<b>LFA671227-D</b> <sup>(1)</sup>	4	12	E27	1350	2700	320°	67	118	922689	10

<sup>(2)</sup> To be discontinued

\* Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



## DECO LED TECNO VINTAGE



### TRANSPARENT ROUND

art.	photo	W		lm	K		Ø	L	8011905	
<b>LFG453W</b>	1	2,5	E27	250	2700	320°	45	78	863258	10
<b>LFP454</b> <sup>(1)</sup>	2	4	E14	470	2700	320°	45	78	844578	10
<b>LFP450627</b>	3	6	E14	806	2700	320°	45	85	922528	10



### TRANSPARENT CANDLE

art.	photo	W		lm	K		Ø	L	8011905	
<b>LFC374</b>	1	4	E14	470	2700	320°	35	100	844585	10
<b>LFC370627</b> <sup>(1)</sup>	1	6	E14	806	2700	320°	37	105	922511	10

### TRANSPARENT FLAME

art.	photo	W		lm	K		Ø	L	8011905	
<b>LFF374</b>	2	4	E14	470	2700	320°	35	120	844592	10

## DECO LED TECNO VINTAGE



### TRANSPARENT T9

art.	photo	W		lm	K		Ø	L		
<b>FLT90527</b>	1	5	E27	550	2700	320°	30	138	8011905 849559	10

### TRANSPARENT T32

art.	photo	W		lm	K		Ø	L		
<b>LFT320627</b>	2	6	E27	600	2700	320°	32	300	8011905 922535	10

### TRANSPARENT ST64

art.	photo	W		lm	K		Ø	L		
<b>FLST640527</b> <sup>(1)</sup>	3	5	E27	550	2700	320°	65	142	8011905 849511	10
<b>FLST640727</b> <sup>(1)</sup>	4	7	E27	820	2700	320°	65	142	8011905 849535	10
<b>LFST640827</b>	4	8	E27	1055	2700	320°	64	142	922610	10
<b>LFST641127</b>	5	12	E27	1521	2700	320°	64	142	922658	10
<b>LFST641127-D</b> <sup>*</sup>	5	12	E27	1350	2700	320°	64	142	922665	10

\* Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



Project: **HYATT HOTEL CENTRIC**

Country: San Isidro Lima

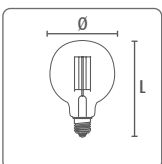
## DECO LED TECNO VINTAGE



### TRANSPARENT GLOBES

art.	photo	W		lm	K		Ø	L	8011905	
<b>LF0337W</b> <sup>(1)</sup>	1	6	E27	660	2700	320°	95	138	841454	10
<b>LF0950727</b> <sup>(1)</sup>	2	7	E27	806	2700	320°	95	140	922559	10
<b>LF0950827</b> <sup>(1)</sup>	2	8	E27	1055	2700	320°	95	140	922597	10
<b>LF0950827-D</b> <sup>(1)</sup> *	2	8	E27	1055	2700	320°	95	140	922603	10
<b>LF0437W</b> <sup>(1)</sup>	3	6	E27	660	2700	320°	125	175	841461	10
<b>LF01257</b> <sup>(1)</sup>	3	7	E27	820	2700	320°	125	175	844615	10
<b>LF01251127</b> <sup>(1)</sup>	4	12	E27	1521	2700	320°	125	172	922634	10
<b>LF01251127-D</b> <sup>(1)</sup> *	4	12	E27	1350	2700	320°	125	172	922641	10

\* Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



## DECO LED TECNO VINTAGE



### MATT GLS

art.	photo	W		lm	K		Ø	L		
<b>LFA606-F</b>	1	6	E27	660	2700	320°	60	105	844486	10
<b>LFA607-F</b> <sup>(1)</sup>	1	7	E27	820	2700	320°	60	105	844493	10
<b>LFA60722</b> <sup>(1)</sup>	1	7	E27	670	2200	320°	60	105	844752	10
<b>LFA600827-F</b> <sup>(1)</sup>	1	8	E27	1055	2700	320°	60	105	922627	10
<b>LFA671227-F</b>	2	12	E27	1521	2700	320°	67	118	927660	10

### MATT ROUND

art.	photo	W		lm	K		Ø	L		
<b>LFP454-F</b> <sup>(1)</sup>	3	4	E14	470	2700	320°	45	78	844509	10
<b>LFP45422</b> <sup>(1)</sup>	3	4	E14	340	2200	320°	45	78	844769	10

### MATT CANDLE

art.	photo	W		lm	K		Ø	L		
<b>LFC374-F</b> <sup>(1)</sup>	4	4	E14	470	2700	360°	35	100	844516	10

### MATT FLAME

art.	photo	W		lm	K		Ø	L		
<b>LFF374-F</b> <sup>(1)</sup>	5	4	E14	470	2700	320°	35	120	844523	10

### MATT GLOBE

art.	photo	W		lm	K		Ø	L		
<b>LFG956-F</b>	6	6	E27	600	2700	320°	95	138	844530	10
<b>LFG1257-F</b> <sup>(1)</sup>	7	7	E27	800	2700	320°	125	175	844547	10
<b>LFG125722</b> <sup>(1)</sup>	7	7	E27	670	2200	320°	125	176	844776	10

\* Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



## DECO LED TECNO VINTAGE



### OPAL ROUND

art.	photo	W		lm	K		Ø	L		
<b>LG453W</b>	1	3	E14	250	2700	330°	44,5	73	8011905 846930	10

### OPAL CANDLE

art.	photo	W		lm	K		Ø	L		
<b>LG373W</b>	2	3	E14	250	2700	330°	35	99	8011905 846893	10

### OPAL GLS

art.	photo	W		lm	K		Ø	L		
<b>LG6090W</b>	3	7	E27	806	2700	320°	60	105	8011905 846916	10
<b>LG6090W-D</b> <sup>(1)</sup>	3	7	E27	806	2700	320°	60	105	922542	10

\* Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)

## DECO LED TECNO VINTAGE



<b>BASIC</b>	220-240V 50/60Hz	Ra>80		15000h L70	IP20	-25° +35°C	G2		<b>A+</b>
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### AMBER GLS

art.	photo	W		lm	K		Ø	L	8011905	
<b>LFA603AM</b>	1	4	E27	130	2200	320°	60	108	861667	10
<b>LFA6004AM</b>	2	4	E27	400	2200	320°	60	105	922467	10
<b>LFA6007AM</b>	2	7	E27	600	2200	320°	60	105	922566	10

### AMBER ST64

art.	photo	W		lm	K		Ø	L	8011905	
<b>LFST6405AM</b>	3	4	E27	200	2200	320°	64	142	861674	10

### AMBER GLOBE

art.	photo	W		lm	K		Ø	L	8011905	
<b>LF9505AM</b>	4	4	E27	200	2200	320°	95	138	861698	10
<b>LF12005AM</b>	4	4	E27	250	2200	320°	125	175	861681	10

## DECO LED TECNO VINTAGE



<b>BASIC</b>	220-240V 50/60Hz	Ra>80		15000h L70	IP20	-25° +35°C	G2		<b>A+</b> <b>A++</b> <sup>(1)</sup>
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### MIRROR TOP GLS

art.	photo	W		lm	K		Ø	L		
<b>LFA6004CU</b> <sup>(1)</sup>	1	4	E27	400	2600	180°	60	105	8011905 922498	10
<b>LFA6004G</b> <sup>(1)</sup>	2	4	E27	400	2600	180°	60	105	922481	10
<b>LFA6004S</b> <sup>(1)</sup>	3	4	E27	400	2600	180°	60	105	922474	10

### MIRROR TOP GLOBE

art.	photo	W		lm	K		Ø	L		
<b>LFG95S</b>	4	5,5	E27	600	2700	180°	95	138	8011905 861704	10
<b>LFG120S</b>	5	5,5	E27	600	2700	180°	125	175	861711	10



**DECOLED UP**

4000K

# DECO LED A60 EVO 220°

## TYPE

Led lamps with SMD technology and high efficiency chip.

## CHARACTERISTICS

Wide choice of powers and color temperature.

## MATERIAL

Termoconductive material body; antiglare opal finish of the lamp cover.

## NB

Do not use with dimmers except if otherwise indicated.



<b>BASIC</b>	220-240V 50/60Hz	Ra>80	15000h L70	IP20	-25° +35°C	G2		
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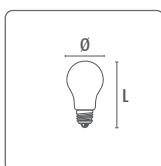


art.	photo	W		lm	K		Ø	L		
<b>DA6080W</b>	1	9	E27	806	3000	220°	60	109	849887	10
<b>DA6080N</b>	1	9	E27	823	4000	220°	60	109	849931	10
<b>DA6080C</b>	1	9	E27	831	6400	220°	60	109	849955	10
<b>DA6010W</b>	2	12	E27	1055	3000	220°	60	109	849979	10
<b>DA6010N</b>	2	12	E27	1077	4000	220°	60	109	849993	10
<b>DA6010C</b>	2	12	E27	1087	6400	220°	60	109	850012	10
<b>DA6015W</b>	2	15	E27	1521	3000	220°	60	118	850036	10
<b>DA6015N</b>	2	15	E27	1552	4000	220°	60	118	850050	10
<b>DA6015C</b>	2	15	E27	1567	6400	220°	60	118	850074	10
<b>New DA6020W<sup>(1)</sup></b>	3	16	E27	2000	3000	220°	60	118	849856	10
<b>New DA6020N<sup>(1)</sup></b>	3	16	E27	2040	4000	220°	60	118	849863	10
<b>New DA6020C<sup>(1)</sup></b>	3	16	E27	2070	6400	220°	60	118	849870	10
<b>New DA6024W<sup>(1)</sup></b>	3	18	E27	2400	3000	210°	60	118	940119	10
<b>New DA6024N<sup>(1)</sup></b>	3	18	E27	2450	4000	210°	60	118	940102	10
<b>New DA6024C<sup>(1)</sup></b>	3	18	E27	2490	6400	210°	60	118	940096	10



art.	photo	W		lm	K		Ø	L		
<b>DA6012W-D</b>	4	12	E27	1055	2700	220°	60	116	861186	10

\*Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



# TRIPACK

## TYPE

LED lamps in convenient 3-piece packs.

## CHARACTERISTICS

The same quality as other lamps, optimised packaging.



<b>BASIC</b>	220-240V 50/60Hz	Ra>80		15000h L70	20000h <sup>(2)</sup> L70	IP20	-25° +35°C	G2	<b>A+</b>
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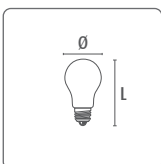
art.	W		lm	K	Ø	L		
<b>CND57W-3</b> <sup>(2)</sup>	5,7	E14	470	3000	35	102	8011905   852788	6
<b>CND57N-3</b> <sup>(2)</sup>	5,7	E14	485	4000	35	102	8011905   852818	6
<b>CND57C-3</b> <sup>(2)</sup>	5,7	E14	500	6400	35	102	8011905   852849	6



art.	W		lm	K	Ø	L		
<b>CP57W-3</b> <sup>(2)</sup>	5,7	E14	470	3000	45	78	8011905   852962	6
<b>CP57N-3</b> <sup>(2)</sup>	5,7	E14	485	4000	45	78	8011905   852993	6
<b>CP57C-3</b> <sup>(2)</sup>	5,7	E14	500	6400	45	78	8011905   853020	6
<b>CP57W7-3</b> <sup>(2)</sup>	5,7	E27	470	3000	45	74	8011905   852870	6
<b>CP57N7-3</b> <sup>(2)</sup>	5,7	E27	485	4000	45	74	8011905   852900	6
<b>CP57C7-3</b> <sup>(2)</sup>	5,7	E27	500	6400	45	74	8011905   852931	6



art.	W		lm	K	Ø	L		
<b>A6013W-3</b>	13	E27	1050	3000	60	118	8011905   862855	6
<b>A6013N-3</b>	13	E27	1085	4000	60	118	8011905   862879	6
<b>A6013C-3</b>	13	E27	1100	6400	60	118	8011905   862831	6



## DECO LED A50 - A60 EVO 330°

### TYPE

Led lamps with SMD technology and high efficiency chip.

### CHARACTERISTICS

Immediate retro-fit of incandescent lamps up to 75W, perfect replacement of opal incandescent lamps, no more available on the European market.

### MATERIAL

Thermoconductive material body; antiglare opal finish of the lamp cover.

### NB

Do not use with dimmers except if otherwise indicated.



<b>BASIC</b>	220-240V 50/60Hz	Ra>80	25000h L70	IP20	-25° +35°C	G2		<b>A+</b>
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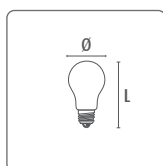


art.	photo	W		lm	K		Ø	L		
<b>DA60A001W</b>	1	6	E27	600	2700	330°	50	92	855949	10
<b>DA60A002W</b>	2	8	E27	806	2700	330°	60	108	855826	10
<b>DA60A003W</b>	3	10	E27	1050	2700	330°	60	116	855918	10



art.	photo	W		lm	K		Ø	L		
<b>DA60A003W-D</b>	3	10	E27	1050	2700	330°	60	116	855970	10

\*Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



DECO LED UP

3000K





# A67 EVO HIGH POWER

## TYPE

Led lamps with SMD technology and high efficiency chip.

## CHARACTERISTICS

Immediate retro-fit of incandescent lamps up to 150W, perfect replacement of opal incandescent lamps, no more available on the European market.

## MATERIAL

Termoconductive material body; antiglare opal finish of the lamp cover.

## NB

Do not use with dimmers except if otherwise indicated.



<b>BASIC</b>	220-240V 50/60Hz	Ra>80	20000h L70	25000h <sup>(1)</sup> L70	IP20	-25° +35°C	G2		<b>A+</b>
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art.	photo	W		lm	K		Ø	L		
<b>A6725WW</b> <sup>(1)(2)</sup>	1	20	E27	2452	2800	200°	67	143	8011905 854881	10

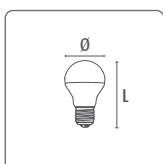
<sup>(2)</sup> To be discontinued



art.	photo	W		lm	K		Ø	L		
<b>DA7015WD</b>	2	15	E27	1550	2700	200°	67	127	8011905 843434	10
<b>New A6525WW-D</b>	3	22	E27	2450	3000	200°	65	130	8011905 943165	10
<b>A6725WW-D</b>	1	22	E27	2452	2800	200°	67	143	8011905 854904	10

\*Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)

<sup>(2)</sup> To be discontinued



# ELLIPSOIDAL HIGH POWER

## TYPE

Range of high power LED lamps with SMD technology and high efficiency chips. The ellipsoidal shapes recalls that of discharge lamps that are replaced by the same fixtures. The 1800K and 2400K versions are specially designed to produce a "sodium effect": the extremely warm light colour is perfect for lighting stone buildings and ancient squares.

## CHARACTERISTICS

Innovative technological solution: the ballast has been separated into two parts to create a wide cooling zone and ensure long life. 50W and 70W versions are equipped with an E27 cap and and E40 adapter. PF: 0.9

## MATERIAL

Thermally conductive plastic body and dissipator; opal polycarbonate anti-glare screen.

## APPLICATIONS

Can be used outdoor inside special fixtures.

## NB

Not to be used with dimmers.  
It can be used in closed fixtures.

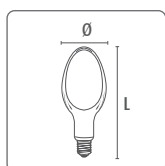


<b>BASIC</b>	220-240V 50/60Hz	Ra>80		15000h* L70	25000h L70	IP20	-25° +35°C	G2	<b>A+</b> <b>A++</b> <sup>(1)</sup>
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art.	W		lm	K		PF	Ø	L		
New <b>L3030HP4*</b>	30	E27	2980	3000	300°	0,95	98	223	8011905 950767	10
New <b>L3040HP4*</b>	30	E27	3000	4000	300°	0,95	98	223	950774	10
New <b>L3064HP4*</b>	30	E27	3020	6400	300°	0,95	98	223	950781	10
New <b>L4030HP4*</b>	40	E27	3970	3000	300°	0,95	98	223	950798	10
New <b>L4040HP4*</b>	40	E27	4000	4000	300°	0,95	98	223	950804	10
New <b>L4064HP4*</b>	40	E27	4030	6400	300°	0,95	98	223	950811	10

Lamps suitable for installation and use in residential, commercial and light industrial environments, in systems with "Category I" of impulse withstand in compliance with CEI EN 64-8 / 4 (IEC 60364-4-44).

art.	W		lm	K		PF	Ø	L=E27	L=E40		
New <b>L50SEHP4</b>	50	E27/E40	4000	1800	300°	0,95	110	255	269	8011905 950880	10
New <b>L50SDHP4</b>	50	E27/E40	5000	2400	300°	0,95	110	255	269	965938	10
New <b>L5030HP4<sup>(1)</sup></b>	50	E27/E40	5960	3000	300°	0,95	110	255	269	950828	10
New <b>L5040HP4<sup>(1)</sup></b>	50	E27/E40	6000	4000	300°	0,95	110	255	269	950835	10
New <b>L5064HP4<sup>(1)</sup></b>	50	E27/E40	6040	6400	300°	0,95	110	255	269	950842	10
New <b>L70SEHP4</b>	70	E27/E40	5600	1800	300°	0,95	126	269	283	950897	10
New <b>L70SDHP4</b>	70	E27/E40	6700	2400	300°	0,95	126	269	283	965921	10
New <b>L7030HP4</b>	70	E27/E40	7950	3000	300°	0,95	126	269	283	950859	10
New <b>L7040HP4</b>	70	E27/E40	8000	4000	300°	0,95	126	269	283	950866	10
New <b>L7064HP4</b>	70	E27/E40	8050	6400	300°	0,95	126	269	283	950873	10



In case of installation in public areas, it is advisable to use overvoltage surge protection. The 50W and 70W HP4 models are designed to withstand voltage peaks up to 6KV.

# DECO LED HIGH POWER

## TYPE

Range of high power LED lamps with SMD technology and high efficiency chip.

## CHARACTERISTICS

Flux up to 8600 lumens to replace also discharge lamps. PF 0,95-97.

## MATERIAL

Heat-resistant plastic body with metal inner coating; opaline anti-glare polycarbonate cover.

## APPLICATIONS

Suitable for outdoor use inside special fixtures.

## NB

Do not use with dimmers.



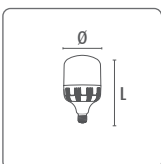
In order to replace discharge lamps with Deco Led High Power: make sure the fitting is suitable for direct feeding from the mains.

BASIC	220-240V 50/60Hz	Ra>80		15000h L70	IP20	-25° +35°C	G2	A+		
art.	W		lm	K		Ø	L		8011905	
<b>L3030HP</b>	30	E27	2850	3000	200°	100	185	843472	10	
<b>L3040HP</b>	30	E27	2900	4000	200°	100	185	843489	10	
<b>L3064HP</b>	30	E27	3000	6400	200°	100	185	843496	10	
<b>L4030HP</b>	40	E27	3800	3000	200°	119	213	843595	10	
<b>L4040HP</b>	40	E27	3850	4000	200°	119	213	843502	10	
<b>L4064HP</b>	40	E27	4000	6400	200°	119	213	843519	10	

Lamps suitable for installation and use in residential, commercial and light industrial environments, in systems with "Category I" of impulse withstand in compliance with CEI EN 64-8 / 4 (IEC 60364-4-44).

art.	W		lm	K		Ø	L		8011905	
<b>L5040HP2</b>	50	E40	4650	4000	200°	118	231	860790	10	
<b>L5064HP2</b>	50	E40	4800	6400	200°	118	231	860776	10	
<b>L9040HP2</b>	90	E40	8350	4000	200°	139	270	860806	6	
<b>L9064HP2</b>	90	E40	8600	6400	200°	139	270	860783	6	

In case of installation in public areas, it is advisable to use overvoltage surge protection. The HP2 models are designed to withstand voltage peaks up to 6KV.





**DECOLED EVO 330°**

3000K

# GLOBO 95

## TYPE

Opal globe with new generation LED sources made with SMD technology and high efficiency chips.

## CHARACTERISTICS

A lamp created to meet general lighting requirements and obtain significant energy saving at the same time.

## MATERIAL

Thermoconductive polymers with aluminum inserts.





## NB

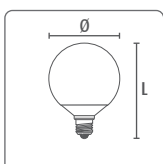
Do not use with dimmers.



Excellent light emission, which can replace a 80W incandescent globe or a 20W energy saving fluorescent lamp.



art.	W		lm	K		Ø	L	 8011905	
<b>DG257W</b>	12	E27	1100	3000	240°	95	135	844363	10
<b>DG257N</b>	12	E27	1130	4000	240°	95	135	844370	10
<b>DG257C</b>	12	E27	1150	6400	240°	95	135	844387	10
<b>DG357W</b>	14	E27	1300	3000	240°	95	135	844394	10
<b>DG357N</b>	14	E27	1340	4000	240°	95	135	844400	10
<b>DG357C</b>	14	E27	1370	6400	240°	95	135	844417	10



## GLOBO 120

### TYPE

Opal globe with new generation LED sources made with SMD technology and high efficiency chips.

### CHARACTERISTICS

A lamp created to meet general lighting requirements and obtain significant energy saving at the same time.

### MATERIAL

Thermoconductive polymers with aluminum inserts.

### NB

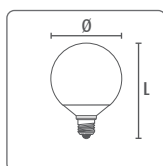
Do not use with dimmers.



Excellent light emission, which can replace a 125W incandescent globe or a 30W energy saving fluorescent lamp.

<b>BASIC</b>	220-240V 50/60Hz	Ra>80	20000h L70	IP20	-25° +35°C	<b>G2</b>		<b>A+</b>
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art.	W		lm	K		Ø	L	8011905	
<b>DG457W</b>	14	E27	1300	3000	240°	120	159	844424	10
<b>DG457N</b>	14	E27	1340	4000	240°	120	159	844431	10
<b>DG457C</b>	14	E27	1370	6400	240°	120	159	844448	10
<b>DG557W</b>	18	E27	1800	3000	240°	120	159	844455	10
<b>DG557N</b>	18	E27	1850	4000	240°	120	159	844462	10
<b>DG557C</b>	18	E27	1900	6400	240°	120	159	844479	10
<b>DG657W</b>	22	E27	2350	3000	240°	120	159	913717	10
<b>DG657N</b>	22	E27	2400	4000	240°	120	159	913694	10
<b>DG657C</b>	22	E27	2450	6400	240°	120	159	913670	10





Project: **HYATT HOTEL CENTRIC**  
Country: San Isidro Lima

# TENDERERA

## TYPE

Circular shape LED lamp.

## CHARACTERISTICS

The new generation circoline has made a leap forward from the aesthetic point of view: Tenderera is a lamp that does not need any fitting!

## OPENING/BEAM

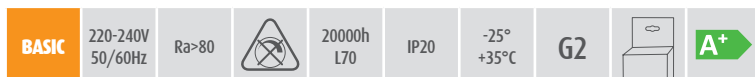
Beam angle: 180° diffuses light evenly, precisely where needed.

## MATERIAL

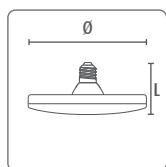
Body impact-resistant plastic, easy to clean.

## NB

Can be completed with suspension wire, ceiling cap and E27 socket.



art.	W		lm	K		Ø	L		8011905	
<b>TN20BW</b>	20	E27	1700	3000	180°	150	80	65	850395	10
<b>TN20BN</b>	20	E27	1790	4000	180°	150	80	65	850418	10
<b>TN20BC</b>	20	E27	1880	6400	180°	150	80	65	850432	10
<b>TN30BW</b>	30	E27	2400	3000	180°	200	101	65	850456	10
<b>TN30BN</b>	30	E27	2500	4000	180°	200	101	65	850470	10
<b>TN30BC</b>	30	E27	2620	6400	180°	200	101	65	850494	10





## SUSPENSION CABLES WITH E27 LAMP HOLDER AND CEILING CUP

### TYPE

Diverse materials suspension wires with E27 lamp holder and ceiling cup.

### CHARACTERISTICS

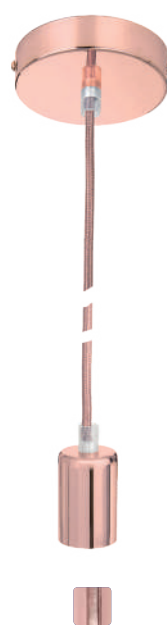
Minimal, simple design and precise finishing.

### MATERIAL

Silicone for white and black versions; metal for other models.

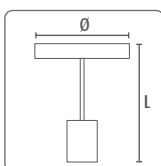
### NB

Cable lenght 2 m.



<b>BASIC</b>	220-240V 50/60Hz	MAX 30W	E27	IP20	G2
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art.		Ø	L	8011905	
<b>TN-E27N</b>		85	2000	850692	10
<b>TN-E27B</b>		85	2000	850708	10
<b>TN-E27CR</b>		100	2000	850715	10
<b>TN-E27CU</b>		100	2000	850722	10
<b>TN-E27OT</b>		100	2000	861575	10



## DECO LED SENSOR

### TYPE

LED lamp with a built-in double twilight sensor.

### CHARACTERISTICS

With an automatic ON/OFF switch it remains lit from dusk to dawn with very low energy consumption. Double sensor to improve sensitivity and to ensure it does not turn off at the wrong time.

### MATERIAL

Body in thermal plastic and aluminum embedded.

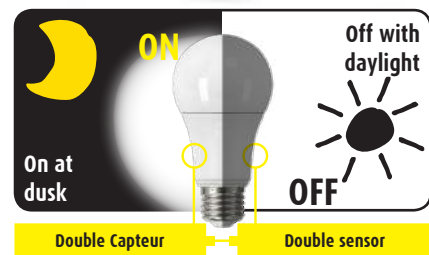
### APPLICATIONS

Suitable for use in transparent, clear outdoor globes.

### NB

Keep this lamp away from incandescent light sources that could interfere with the correct functioning of the light sensor.

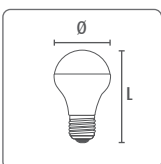
Light on when it gets dark(<10±5Lux)  
Light off when it is dawn(>30±10Lux)



A lamp that turns ON automatically to be used in areas that are not frequented often, ideal in gardens and entrance ways to improve personal safety.



art.	W		lm	K		Ø	L		
New <b>A6075-SR</b>	10	E27	1060	4000	200°	60	120	8011905 939830	10



# DECO LED SENSOR PIR

## TYPE

LED lamps with integrated twilight and motion sensor

## CHARACTERISTICS

When the light goes off it activates on standby and only turns on only when the PIR sensor detect motion.  
 Duration when triggered on: 140".  
 Standby power consumption: <0,6W.

## MATERIAL

Body in thermal plastic and aluminum embedded.

## NB

Do not use with dimmers.

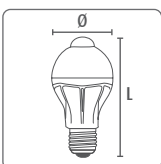
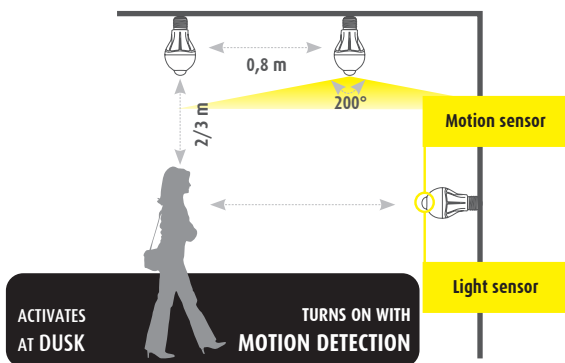


Used in corridors, bathrooms, etc to ensure that the light is not left on by accident.

Detection angle of motion sensor: 90°. Recommended installation height: max 3 m.

<b>PLUS</b>	220-240V 50/60Hz	Ra>80		25000h L70	IP20	-25° +35°C	G2		<b>A+</b>
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art.	W		lm	K		Ø	L		
<b>New A6075-PIR</b>	11	E27	1060	4000	200°	60	126	8011905	10



## ANTI-INSECTS GLS

### TYPE

LED lamp with SMD technology with chip defined on a specific wavelength of the spectrum.

### CHARACTERISTICS

The ANTI-INSECT model has the characteristics not to attract insects and finds a privileged application in open spaces (terraces, patios, etc.).

### MATERIAL

Shockproof (techno polymer) bulb.

### APPLICATIONS

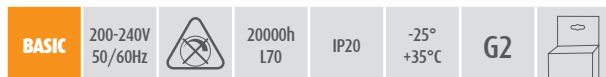
For indoor or outdoor use inside duly protected fittings or Catenaria.

### NB

Do not use with dimmers.

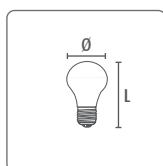


The Anti-Insects lamp emits light at a wavelength not perceptible by insects, normally attracted by the light of the lamps.



art.	W			K		Ø	L		
LA60AI	7	E27		1700	270°	55	108	8011905 860868	25

Lamp for special use



## COLOR GLS

### TYPE

LED lamp with SMD technology with chip defined on a particular wavelength of the spectrum.

### CHARACTERISTICS

Classic shapes for immediate retro-fit of incandescent lamps in any decorative applications and festoons.

### MATERIAL

Polycarbonate housing.




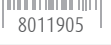





### APPLICATIONS

Can be used indoors or outdoors in duly protected devices or Catenaria.

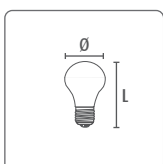
### NB

Do not use with dimmers.



art.	W		Color nm			Ø	L	 8011905	
<b>LA55R</b>	6	E27	663 nm		200°	55	107	843533	25
<b>LA55G</b>	6	E27	521 nm		200°	55	107	843540	25
<b>LA55B</b>	6	E27	450 nm		200°	55	107	843557	25
<b>LA55Y</b>	6	E27	585 nm		200°	55	107	843564	25

Lamps for special use



# PING BALL

## TYPE

Range of LED lamps with SMD technology and color bulb.

## CHARACTERISTICS

Classic shapes for immediate retro-fit of incandescent lamps in any decorative applications and festoons.

## MATERIAL

Impact-resistant globe, extremely resistant: these lamps can "bounce" if they fall on the floor.

## APPLICATIONS

For indoor or outdoor use inside duly protected fittings or Catenaria.

## NB

Do not use with dimmers.

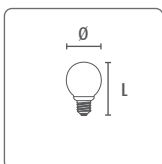


Available in white light and 4 classic colors. The RGB version features a fading color loop, for pleasant coloring effects.

**IMPACT-RESISTANT  
PLASTIC COVERING:  
IT BOUNCES BUT NEVER BREAKS!**

<b>BASIC</b>	200-240V 50/60Hz	*Ra>80		25000h L70	IP20	-25° +35°C	G2		
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art.	W		lm		K	Ø	L	8011905	
<b>L140PWW</b> * (1)	0,7	E27	40		2700	45	69	862978	10
<b>L140PW</b> * (1)	0,8	E27	20		5800	45	69	836566	10
<b>L140PW-B22</b> * (1)	0,5	B22	20		5800	45	69	836702	10
<b>L140PB</b>	0,5	E27	-		460nm	45	69	836573	10
<b>L140PB-B22</b>	0,5	B22	-		460nm	45	69	836719	10
<b>L140PR</b>	0,8	E27	-		635nm	45	69	836580	10
<b>L140PR-B22</b>	0,5	B22	-		635nm	45	69	836726	10
<b>L140PY</b>	0,8	E27	-		585nm	45	69	836597	10
<b>L140PY-B22</b>	0,5	B22	-		585nm	45	69	836733	10
<b>L140PG</b>	0,8	E27	-		525nm	45	69	836603	10
<b>L140PG-B22</b>	0,5	B22	-		525nm	45	69	836740	10
<b>L140PRGB</b>	0,5	E27	-		-	45	69	836610	10
<b>L140PRGB-B22</b>	0,5	B22	-		-	45	69	836757	10



# STARGAZER - G19

## TYPE

Decorative LED G19 Globe.

## CHARACTERISTICS

Extremely bright effect thanks to the peculiar spatial arrangement of 5 LED sources inside the 60mm transparent bulb. Warm color temperature, ideal for cozy environments. Extremely low energy consumption.

## MATERIAL

Glass bulb.

## NB

Available with E27 and E26 base; upon Project also with GU10 base.

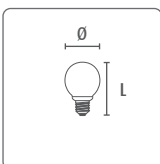


200-240V 50/60Hz	15000h L70
---------------------	---------------

art.	W		lm	K		Ø	L		
<b>ST27-G19</b>	0,6	E27	20	2200	300°	60	83	8011905 843816	10

120V 50/60Hz	50000h L50
-----------------	---------------

art.	W		lm	K		Ø	L		
<b>ST15-G19</b>	0,6	E26	20	2200	300°	60	83	8011905 842956	10



# CATENARIA

## TYPE

Long run conductive cable with 24 factory attached lamp holders.

## CHARACTERISTICS

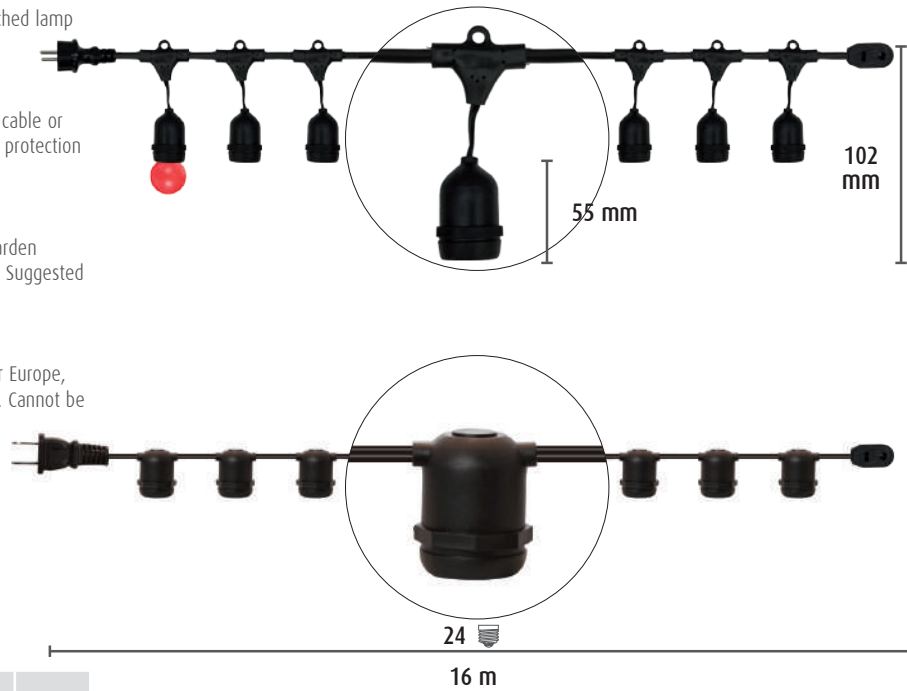
Two different models: with lamp holder on the cable or with pendant. Lampholders are fitted with IP44 protection rings.

## APPLICATIONS

Widely used for festoons indoor and outdoor garden lighting decoration, patio umbrella lighting, etc. Suggested lamps PING BALL, Color GLS or Stargazer lamp.

## NB

Factory prepped outdoor IP44 Schuko socket for Europe, US plug or end prep wiring options for the USA. Cannot be connected in series.



art.	W max	W max Tot	N#		L	8011905	
<b>CLE2724</b>	25	670	24	E27	16 m	843823	4

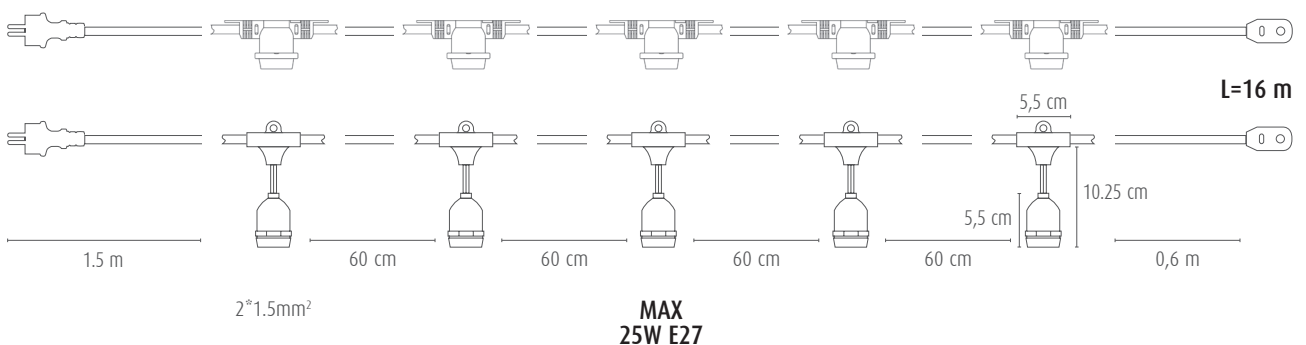


<b>CLE2624*</b>	25	600	24	E26	16 m	43830	4
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<b>CLE2624S*</b>	25	600	24	E26	16 m	-	4
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\* Available upon order also with GU10 lampholder.





# CATENARIA IN SERIES VERSION

## TYPE

Long run conductive cable with 15 factory attached lamp holders.

## CHARACTERISTICS

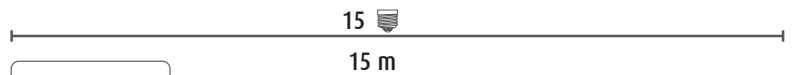
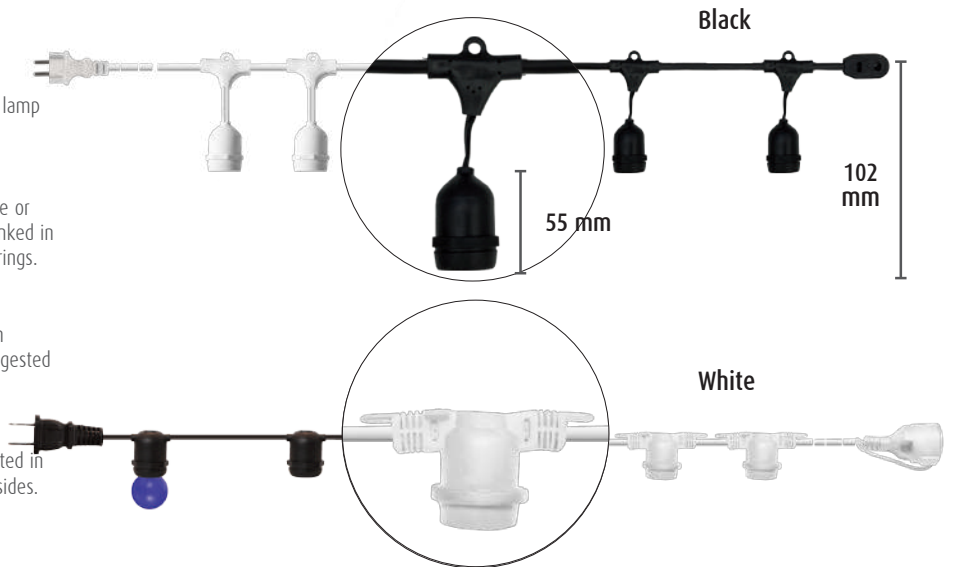
Two different models: with lamp holder on the cable or with pendant. The 15 lamp holder sockets can be linked in series. Lampholders are fitted with IP44 protection rings.

## APPLICATIONS

Widely used for festoons indoor and outdoor garden lighting decoration, patio umbrella lighting, etc. Suggested lamps PING BALL, Color GLS or Stargazer lamp.

## NB

Only Catenaria with 15 lamp holders can be connected in serie with the IP44 Schuko plug and socket on the sides.



Catenaria with 15 lamp holders can be connected consecutively up to a maximum length of 45 metres.

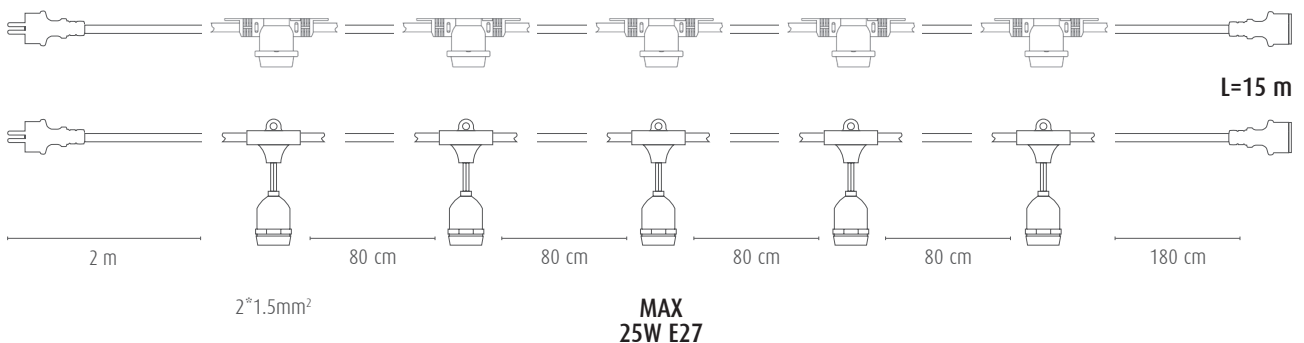
<b>BASIC</b>	220-240V 50/60Hz	IP44	-25° +35°C		<b>G2</b>
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art.	Color	W max	W max Tot	N#	Socket	L	Barcode	8011905	Box
<b>CLE2715</b>	Black	25	370	15	E27	15 m	856144		4
<b>New CLE2715-WH</b>	White	25	370	15	E27	15 m	950736		4



<b>CLE2715-S</b>	Black	25	370	15	E27	15 m	856168		4
<b>New CLE2715-SWH</b>	White	25	370	15	E27	15 m	950729		4



# T26

## TYPE

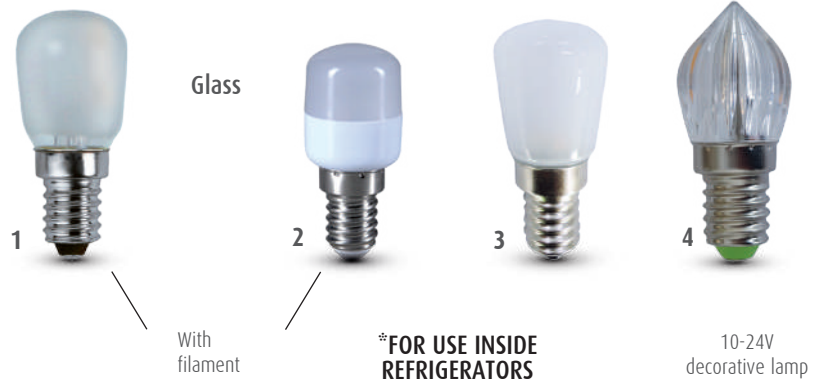
Range of small LED lamps with SMD technology.

## CHARACTERISTICS

Classic shapes for immediate retro-fit of incandescent lamps in specific applications: traditional chandeliers, bracket lamp, small fittings.

## NB

Do not use with dimmers.



220-240V 50/60Hz	Ra>80	15000h L70
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art.	photo	W		lm	K	Ø	L		
<b>L0121-B</b> <sup>(1)</sup>	1	1	E14	100	2700	26	58	849160	10
<b>L0121-C</b> <sup>(1)</sup>	2	2	E14	150	3000	23	50	850609	10

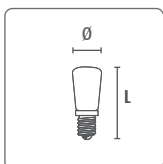
10-15V AC/DC 50/60Hz	Ra>80	15000h L70
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art.	photo	W		lm	K	Ø	L		
<b>L0121ELV</b> <sup>(2)</sup>	3	2	E14	140	2700	26	57	836931	10

<sup>(2)</sup> To be discontinued

10-24V 50/60Hz	Ra>60	20000h L70
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art.	photo	W		lm	K	Ø	L		
<b>L0122ELV</b>	4	1,5	E14	70	2400	23	60	843625	10



# DECO LED BIPIN G4

## TYPE

G4 working at 12V AC/DC.

## CHARACTERISTICS

Same applications as halogen G4 bulbs, available with side or vertical pins for OEM lamps. Extremely small size: suitable for use in very small fittings, suspensions or many arms chandeliers. Very low heat emission.

## MATERIAL

Item code 01943SIL has a silicone sleeve.

## NB

Do not use with dimmer.



## USAGE INFORMATION

Compatible with 12V AC output electromagnetic transformers and with drivers for LEDs and with constant current drivers. Do not use with dimmers. Do not use these items with electronic transformers for halogen lamps.

12V AC/DC	Ra>80		IP20	-25° +35°C	G2	A+ A++ <sup>(1)</sup>
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<b>BASIC</b>	30000h L70
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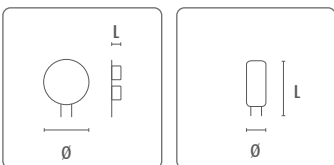
art.	photo	W		lm	K		Ø	L		
<b>01948SLD</b> <sup>(1)</sup>	1	2,3	G4	200	2800	120°	35	9,3	8011905 836122	10
<b>01947TLD</b> * <sup>(2)</sup>	2	3	G4	220	2800	270°	22	35	834173	10

<sup>(2)</sup> To be discontinued

<b>PRO</b>	15000h L70
------------	---------------

art.	photo	W		lm	K		Ø	L		
<b>01943SIL</b> <sup>(1)</sup>	3	1,8	G4	180	3000	200°	10	38	8011905 862459	10
<b>01949PC</b> <sup>(1)</sup>	4	2,5	G4	250	2700	200°	16	48	862510	10

01943SIL: can be used with Duralamp LED DELT20A-12 for max. 10 lamps; with 01949PC code max 5 lamps.



\*Pin dimensiones excluded

## DECO LED G9

### TYPE

G9 lamps working at mains.

### CHARACTERISTICS

Direct replacement of G9 halogen lamps.  
Pleasant decorative design, suitable also in fittings where the lamp is visible. Extremely small size: suitable for use in very small fittings, suspensions or many arms chandeliers.

### NB

Do not use with dimmer.

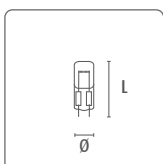


<b>PRO</b>	220-240V 50/60Hz	Ra>80		15000h L70	IP20	-25° +35°C	<b>G2</b>	<b>A+</b> <b>A++</b> <sup>(1)</sup>
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art.	photo	W		lm	K		Ø	L			
<b>L7115</b> <sup>(1)</sup>	1	2	G9	200	2700	330°	14	50	5	8011905	10
<b>L7116</b>	2	2,5	G9	180	2700	270°	17	48	5	862367	10
<b>LF7117-D</b> <sup>*</sup>	3	3,5	G9	260	2700	320°	16	61	13	922450	10
<b>LF7117P</b> <sup>(1)</sup>	3	4	G9	470	2700	320°	16	61	13	922443	10
<b>L7117</b> <sup>(1)</sup>	4	3,8	G9	380	2700	270°	17	50	11	862374	10
<b>L7118</b> <sup>**</sup>	5	7	G9	650	2700	270°	21	71	25	862466	10

\*\* To be used inside closed fixtures.

\* Can be used with triac dimmers, Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



# LINEAR ERRE7s 330°

## TYPE

Linear LED lamp with a 330° light emission and offset lamp caps.

## CHARACTERISTICS

The particular position of the lamp caps allows these lamps to be inserted into all fixtures with R7s lampholders.

## MATERIAL

Thermoconductive polymers.

## NB

Explosion proof glass not necessary.  
Cannot be used with dimmers, except if differently specified.



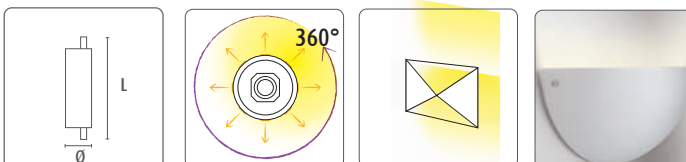
The absence of UV and infrared rays that cause discoloration of goods make this lamp preferable to a halogen lamp, especially in commercial applications.

<b>BASIC</b>	220-240V 50/60Hz	Ra>80		15000h L70	IP20	-25° +35°C	<b>G2</b>		<b>A++</b>
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art.	W		lm	K	PF		Ø	L	8011905	
<b>L2971W</b>	8,2	R7s	1055	2700	0,55	330°	29	78	922764	10
<b>L2971N</b>	8,2	R7s	1055	4000	0,55	330°	29	78	922771	10
<b>L2972W</b>	11,5	R7s	1521	2700	0,55	330°	29	118	922788	10
<b>L2972N</b>	11,5	R7s	1521	4000	0,55	330°	29	118	922795	10
<b>L2973W</b>	14,5	R7s	2000	2700	0,9	330°	29	118	922801	10
<b>L2973N</b>	14,5	R7s	2000	4000	0,9	330°	29	118	922818	10

art.	W		lm	K	PF		Ø	L	8011905	
<b>L2973W-D</b> *	15	R7s	2000	2700	0,9	330°	29	118	922825	10

\* Can be used with triac dimmers, Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



## LINEAR R7s

### TYPE

Linear LED lamp with a phosphor coated filament.  
Dimensions like those of halogen lamps and 320° light emission for immediate replacement of traditional lamps.

### CHARACTERISTICS

Particularly small diameter, easy to insert into fixtures with R7s lampholders. Warm and welcoming light colour and big energy savings.

### MATERIAL





Glass.

### NB

Blast resistant glass not required.



The absence of UV and infrared rays that cause discoloration of goods make this lamp preferable to a halogen lamp, especially in commercial applications.

art.	W		lm	K		Ø	L	 8011905	
<b>LF1970W</b> <sup>(1)</sup>	4	R7s	450	2700	320°	14	78	930561	10
<b>LF1980W</b>	8	R7s	800	2700	320°	14	118	930585	10

# DURADISK LED

## TYPE

GX53 LED lamp with matt screen.

## CHARACTERISTICS

Compactness and flexibility of use. No problem of contact with wood due to heat.

## MATERIAL

Body and screen in plastic material.

## INSTALLATION

Recessed in shelves, under-cabinet, walkways, etc...

## NB

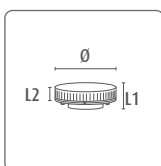
Do not use with dimmer.



Triple mounting options: surface, flush recessed, semi-recessed.

<b>BASIC</b>	220-240V 50/60Hz	Ra>80	25000h L70		IP20	-25° +35°C	G2		<b>A+</b>
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art.	W		lm	K		Ø	L <sub>1</sub>	L <sub>2</sub>		
<b>DK05WW</b>	7	GX53	580	3000	150°	75	28	16	8011905	10
<b>DK05NW</b>	7	GX53	600	4000	150°	75	28	16	839079	10



# DURALUX LED S

## TYPE

Directly retrofit of fluorescent lamps with G23 base.

## CHARACTERISTICS

No need to modify the fixture already wired for fluorescents.

## MATERIAL

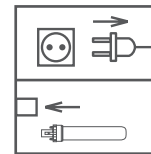
Plastic body: increased safety for users.

## NB

Do not use with dimmers.

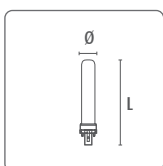


## DIRECT RETROFIT



<b>BASIC</b>	220-240V 50/60Hz	Ra>80	25000h L70		IP20	-25° +35°C	<b>G2</b>		<b>A+</b>
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art.	W		lm	K		Ø	L	8011905	
<b>L2002</b>	7	G23	640	2700	360°	33	164	848309	10
<b>L2003</b>	7	G23	640	4000	360°	33	164	848415	10
<b>L2004</b>	9	G23	930	2700	360°	33	232	848385	10
<b>L2005</b>	9	G23	930	4000	360°	33	232	848347	10





## REFLECT-LED

### TYPE

LED lamp with SMD technology and the same shape as the Reflectors R39, R50, R63, R80 and R90.

### CHARACTERISTICS

Immediate replacement of incandescent decorative lamps. Warm light ideal for residential and hospitality environments.

### MATERIAL

Shock-resistant thermoconductive material.

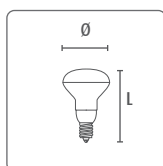
### NB

Do not use with dimmers.



<b>BASIC</b>	220-240V 50/60Hz	Ra>80	15000h L70		IP20	-25° +35°C	G2		<b>A+</b> <b>A++</b> <sup>(1)</sup>
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art.	photo	W		lm	cd	K		Ø	L	8011905	
<b>L615WB</b> <sup>(1)</sup>	<b>1</b>	3	E14	260	75	2700	120°	39	67	847012	10
<b>L645WB</b>	<b>2</b>	6	E14	480	140	2700	120°	50	86	846794	10
<b>L636WB</b>	<b>3</b>	9	E27	690	190	2700	120°	63	105	846817	10
<b>L758WB</b>	<b>4</b>	12	E27	1000	280	2700	120°	80	117	846770	10
<b>L915WB</b>	<b>5</b>	15	E27	1300	470	2700	120°	90	117	846831	10



## VINTAGE PAR20, PAR30, PAR38

### TYPE

PAR20,30 and PAR38 lamps produced with the same material and shape of halogen lamps.

### CHARACTERISTICS

Retrofit of halogen lamps: the absence of frontally emitted heat avoids the discoloration of the illuminated objects. The Vintage range includes even PAR16 and MR16, see page.

### MATERIAL

Glass.

### APPLICATIONS

Commercial or residential installations with particular attention to the reduction of heat, cause of goods' discoloration.

### NB

Do not use with dimmers.



### PAR20 VINTAGE

art.	photo	W		lm	cd	K		Ø	L		
L7205W	1	8	E27	750	1100	3000	40°	64	84	8011905 849269	10

### PAR30 VINTAGE

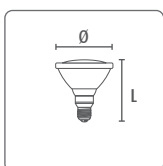
L7206W	2	12	E27	970	1300	3000	40°	95	84	849290	10
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### PAR38 VINTAGE

L7207W	3	18	E27	1500	2000	3000	40°	121	125	849320	10
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See also Vintage MR16 e PAR16, page 79



## PAR20, PAR30, PAR38 IP65

### TYPE

PAR20,30 and PAR38 IP65, for use in wet and outdoor environments in suitable fixtures.

### CHARACTERISTICS

PAR38 IP65 FC: thanks to the possibility of applying coloured filters they can be used to emphasize particular characteristics of the objects to be lit.

### MATERIAL

Thermoconductor material.

### APPLICATIONS

Commercial or residential installations with particular attention to the reduction of heat, cause of goods' discoloration.

### NB

Do not use with dimmers.



Using LED lamps provides significant advantages compared to CFL both in terms of improved optical control as well as from the point of view of luminous effect. The richer spectrum and the increased flux of the LED lamps used compared to CFL ensures better rendering of the filtered colours.

<b>BASIC</b>	220-240V 50/60Hz	Ra>80	20000h L70		IP20	-25° +35°C	G2	
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### PAR20

art.	photo	W		lm	cd	K		Ø	L		
<b>L7205W</b>	1	6,5	E27	577	966	3000	38°	63	89	848767	10
<b>L7105</b>	1	6,5	E27	577	966	4000	38°	63	89	846671	10

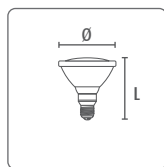
### PAR30

<b>L7106W</b>	2	10,5	E27	960	2160	3000	26°	95	116	848798	10
<b>L7106</b>	2	10,5	E27	960	2160	4000	26°	95	116	846695	10

### PAR38

<b>L868</b>	3	15	E27	1350	2100	4000	40°	121	135	843526	4
<b>L868W</b>	3	15	E27	1350	2100	3000	40°	121	135	848828	4

art.		Ø	L		
<b>00871</b>		126	20	825287	5
<b>00872</b>		126	20	825294	5
<b>00874</b>		126	20	825300	5
<b>00876</b>		126	20	825317	5



## TRACK MOUNTING FITTING FOR REPLACEABLE LAMP

### TYPE

Adjustable fitting complete with adaptor for track mounting and E27 lampholder.

### CHARACTERISTICS

Satisfies the needs of those who prefer a track-mounted luminaire for replaceable lamps.

Can be used with Eurostandard Plus tracks as well as with other brands: Staff, Nordlux, Nordic, Global, Nuco etc.

Adjustable from +90° to -90° on the vertical plane and 350° on the horizontal plane.

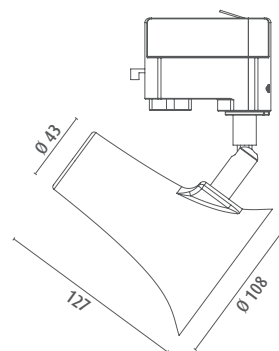
Suitable for PAR20, PAR30, PAR38, REFLECT LED, A60 lamps: see the list of lamps that can be fitted. Max 30W.

### MATERIALS




Die-cast painted aluminium body, white color; steel adjustable arm.

### MONTING

Mounting on an electrical track in 3 phases; fixtures equipped with a safety lock to fix to the tracks.



<b>BASIC</b>	IP20	-25° +35°C	<b>G3</b>
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art.	Ø	L		 8011905	
<b>SP01-W</b>	108	127	277	935252	1

**CAN BE USED WITH PAR20** L7105, L7105W; **PAR30** L7106W, L7106; **PAR38** L868W, L868; **REFLECTLED**: L758WB, L915WB;  
**A60**: DA6020W, A6725WW.



# PAR56 LED WHITE LIGHT

## TYPE

PAR56 for external and underwater applications.

## CHARACTERISTICS

Max depth underwater: 1 m; recommended minimum depth 45cm.  
Can be used as a retrofit to traditional PAR56.

## MATERIAL

Glass body.  
Material resistant to chlorine and swimming pool additives.

## NB

Operating Voltage: 12V AC 50Hz (electromagnetic transformer).  
M4 screw terminal.

## APPLICATIONS

For swimmingpools, fountains and external applications.  
Max depth underwater: 1 m.



Glass

UNDERWATER AND  
OUTDOOR



PLUS	12V 50Hz	Ra>80		15000h L70	IP68	-25° +35°C	G2	A+
------	-------------	-------	--	---------------	------	---------------	----	----

art.	W	lm	K		Ø	L		
12PAR56CWGL	20	1850	6500	120°	177	102	8011905	6

## PAR56 LED WHITE LIGHT

### TYPE

LED PAR56 For swimming pools, fountains and SUBMERSIBLE applications ONLY.

### CHARACTERISTICS

Max depth underwater: 1 m; recommended minimum depth 45cm.

Can be used as a retrofit to traditional PAR56.

### MATERIAL

AISI 316 Stainless steel body and polycarbonate cover. Material resistant to chlorine and swimming pool additives.

### NB

Operating Voltage: 12V DC or 12V AC 50/60Hz (electromagnetic transformer).

M4 screw terminal.

### APPLICATIONS

For underwater applications inside suitable fittings.



35W = 100W  
70W = 500W



ONLY UNDERWATER



PLUS	12V 50/60Hz	Ra>80		25000h L70	IP68	-25° +35°C	G3	A+ A++ <sup>(1)</sup>
------	----------------	-------	--	---------------	------	---------------	----	--------------------------

art.	W	lm	K		Ø	L	8011905	
<b>12PAR56CW26</b>	26	1700	6000	120°	177	102	850791	20
<b>12PAR56CW35</b>	35	2600	6000	120°	177	102	850807	20
<b>12PAR56CW70<sup>(1)</sup></b>	70	6000	6000	120°	177	102	850814	20

# PAR56 LED COLOR CHANGER - 12VAC

## TYPE

PAR56 white light emission or colore changer; for external and underwater applications.

## CHARACTERISTICS

The lamp can be adjusted to 14 different colour settings. The lamp can be turned on and off from the lamp's normal on/off switch. Rapid on/off clicks can change the sequency. It is also possible to control the lamps via a receiver and a remote control. For external and underwater applications inside suitable fittings. Do not install this lamp contact with stainless steel.

## MATERIAL

Plastic and aluminum body. Equipped with a silicon gasket to ensure perfect adhesion to the watertight device.

## APPLICATIONS

For swimmingpools, fountains and external applications. Max depth underwater: 1 m.

## NB

Operating Voltage: 12VAC, 50Hz (electromagnetic transformer). Screw terminals.



**UNDERWATER AND  
OUTDOOR**



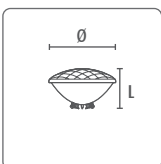
<b>PLUS</b>	12V 50Hz	Ra>80		20000h L70	IP68	-25° +35°C	<b>G2</b>
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art.	W		Ø	L		
<b>New 12PAR56LED</b>	17	2x15°	177	95	8011905 826215	6



art.		
<b>New KTRCTV01</b> Remote control (2 units) and external receiver	8054242 080148	1

Max 5 lamps/CH, 2 channels  
Remote control with two output channels, each one can control 5 lamps.  
The lamps can be controlled on a single channel or on two channels separately.



# MR11

## TYPE

Retrofit for MR11 halogen lamps.

## CHARACTERISTICS

Unique design of the heat sink improves the efficiency of heat dissipation.

## MATERIAL

Aluminium body.

## NB

Do not use with dimmers.



2W = 20W



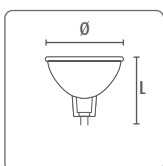
## USAGE INFORMATION

Compatible with 12V AC output electromagnetic transformers and with drivers for LEDs and with constant current drivers. Do not use with dimmers. Do not use these items with electronic transformers for halogen lamps.

<b>BASIC</b>	12V AC/DC	Ra>80		15000h L70	IP20	-25° +35°C	G2	<b>A++</b>
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art.	W		lm	cd	K		Ø	L		
<b>L1211W</b>	2	GU4	140	360	3000	30°	35	36	8011905	10

Can be used with Duralamp LED power supplies:  
DELT15A-12 MAX 2 lamps  
DELT20A-12 MAX 4 lamps





# MR16 - PAR16 VINTAGE

## TYPE

MR16 and PAR16: same material and shape of halogen lamps.

## CHARACTERISTICS

High efficiency last generation sources.

## MATERIAL

Glass body.

## NB

Do not use with dimmers.



## USAGE INFORMATION

Compatible with 12V AC output electromagnetic transformers and with drivers for LEDs and with constant current drivers. Do not use with dimmers. Do not use these items with electronic transformers for halogen lamps.

BASIC
Ra>80

15000h L70
IP20
-25° +35°C
G2

12V  
AC/DC

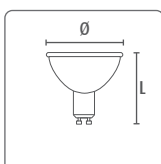
art.	photo	W		lm	cd	K		Ø	L		
L1215W <sup>(1)</sup>	1	5	GU5,3	440	780	3000	38°	50	48	8011905 849375	10

Can be used with Duralamp LED power supplies:

- DELT15A-12 MAX 2 lamps
- DELT20A-12 MAX 3 lamps

220-240V  
50/60Hz

art.	photo	W		lm	cd	K		Ø	L		
L1214W	2	5	GU10	400	850	3000	38°	50	53	8011905 849344	10
L1212NW	2	5	GU10	400	850	4000	30°	50	53	8011905 837884	10



# XSPOT

## TYPE

New generation LED lamps with COB technology.

## CHARACTERISTICS

Super spot lens for very concentrated, beams. High efficiency dichroic effect faceted PMMA refractor for concentrated, clean beams.

## MATERIAL

Thermally conductive compartment for housing the electronic components: optimization of heat dissipation and greater safety for the user.

## NB

Can be used with a dimmer, see tables.



<b>PLUS</b>	Ra>80		25000h L70	IP20	-25° +35°C	G2		A+ A++ <sup>(1)</sup>
-------------	-------	--	---------------	------	---------------	----	--	--------------------------

12V  
AC/DC

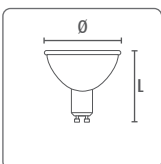
art.	photo	W		lm	cd	K		Ø	L		
<b>272701-D</b>	1	7,5	GU5,3	500	6360	2700	10°	50	48	8011905 861018	10

Dimmable with magnetic TRIAC leading edge dimmers.

220-240V  
50/60Hz

art.	photo	W		lm	cd	K		Ø	L		
<b>272702-D<sup>(1)</sup></b>	2	7,5	GU10	500	6360	2700	10°	50	58	8011905 861025	10

Dimmable with magnetic dimmers, TRIAC leading edge.



## MULTI GU10

### TYPE

New generation LED lamps with COB technology.

### CHARACTERISTICS

The lens is specially designed to obtain directionality of light, a clean beam and lower glare effect.

### MATERIAL

Thermally conductive compartment for housing the electronic components: optimization of heat dissipation and greater safety for the user.

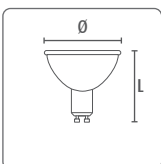
### NB

Do not use with dimmers.



<b>PLUS</b>	220-240V 50/60Hz	Ra>80		25000h L70	IP20	-25° +35°C	G2		
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art.	W		lm	cd	K		Ø	L		
<b>28530SP</b>	6	GU10	500	820	3000	38°	50	55	847807	10
<b>28540SP</b>	6	GU10	507	830	4000	38°	50	55	847821	10
<b>28560SP</b>	6	GU10	520	850	6000	38°	50	55	847845	10
<b>28830SP</b>	9	GU10	870	950	3000	50°	50	55	847869	10
<b>28840SP</b>	9	GU10	880	960	4000	50°	50	55	847883	10
<b>28860SP</b> <sup>(1)</sup>	9	GU10	900	980	6000	50°	50	55	847906	10



# MULTI100 WIDE

## TYPE

New generation LED lamps with SMD technology.

## CHARACTERISTICS

Matt diffusing cover; very wide light beam suitable for diffused lighting.

## MATERIAL

Thermally conductive compartment for housing the electronic components: optimization of heat dissipation and greater safety for the user.

## NB

Do not use with dimmers.

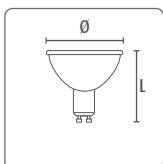


5,5W = 60W  
7W = 80W  
8W = 94W



<b>BASIC</b>	220-240V 50/60Hz	Ra>80		25000h L70	IP20	-25° +35°C	G2		
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art.	W		lm	cd	K		Ø	L		
<b>28527</b>	5,5	GU10	440	170	3000	100°	50	55	836030	10
<b>28540</b>	5,5	GU10	450	175	4000	100°	50	55	845759	10
<b>28560</b> <sup>(1)</sup>	5,5	GU10	460	170	6000	100°	50	55	836047	10
<b>28627</b>	7	GU10	560	210	3000	100°	50	55	839093	10
<b>28640</b>	7	GU10	570	215	4000	100°	50	55	845780	10
<b>28660</b>	7	GU10	590	210	6000	100°	50	55	839109	10
<b>28727</b>	8	GU10	650	300	3000	100°	50	55	843175	10
<b>28740</b>	8	GU10	660	305	4000	100°	50	55	845810	10
<b>28760</b>	8	GU10	680	315	6000	100°	50	55	843410	10



**SIRIUS-P**

With recessed ring P65  
ZKR65TG



# SIRIUS-P

## TYPE

MR16 lamp using high efficiency COB technology.

## CHARACTERISTICS

A larger, new look reflector for better optical control.

## MATERIAL

Thermoconductive polymers.

## NB

Do not use with dimmers.



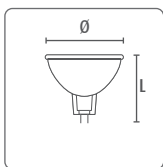
A powerful lamp which allows replacement of a 75W halogen offering an energy saving of more than 92%.

Compatible with 12V AC output electromagnetic transformers and with constant voltage drivers for LEDs. Do not use this item with electronic transformers for halogen lamps.

<b>PLUS</b>	12V AC/DC	Ra>80		25000h L70	IP20	-25° +35°C	G2		
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art.	W		lm	cd	K		∅	L		
<b>39630P</b>	6	GU5,3	510	725	3000	38°	50	52	847999	10
<b>39640P</b>	6	GU5,3	520	750	4000	38°	50	52	848019	10
<b>39660P<sup>(1)</sup></b>	6	GU5,3	530	775	6000	38°	50	52	848033	10

Can be used with Duralamp LED power supplies:  
 DELT15A-12 MAX 2 lamps  
 DELT50A-12 MAX 6 lamps



# SIRIUS-P

## TYPE

MR16 lamp using high efficiency COB technology.

## CHARACTERISTICS

A larger, new look reflector for better optical control.

## MATERIAL

Thermoconductive polymers.

## NB

Do not use with dimmers.



## DIMMABILITY

38630PD is dimmable with TRIAC leading edge.

<b>PLUS</b>	220-240V 50/60Hz	Ra>80	25000h L70	IP20	-25° +35°C	<b>G2</b>		<b>A+</b>
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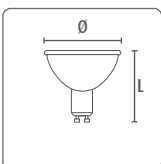


art.	W		lm	cd	K		Ø	L		
<b>38630P</b>	6	GU10	500	700	3000	38°	50	57.5	8011905 847920	10
<b>38640P</b>	6	GU10	510	725	4000	38°	50	57.5	847944	10
<b>38660P</b>	6	GU10	520	750	6000	38°	50	57.5	847968	10



art.	W		lm	cd	K		Ø	L		
<b>38630PD</b>	6	GU10	500	700	3000	38°	50	57.5	8011905 848118	10

\*Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



# MULTI HF

## TYPE

LED MR16 compatibles with electronic HF power supplies for halogen lamps.

## CHARACTERISTICS

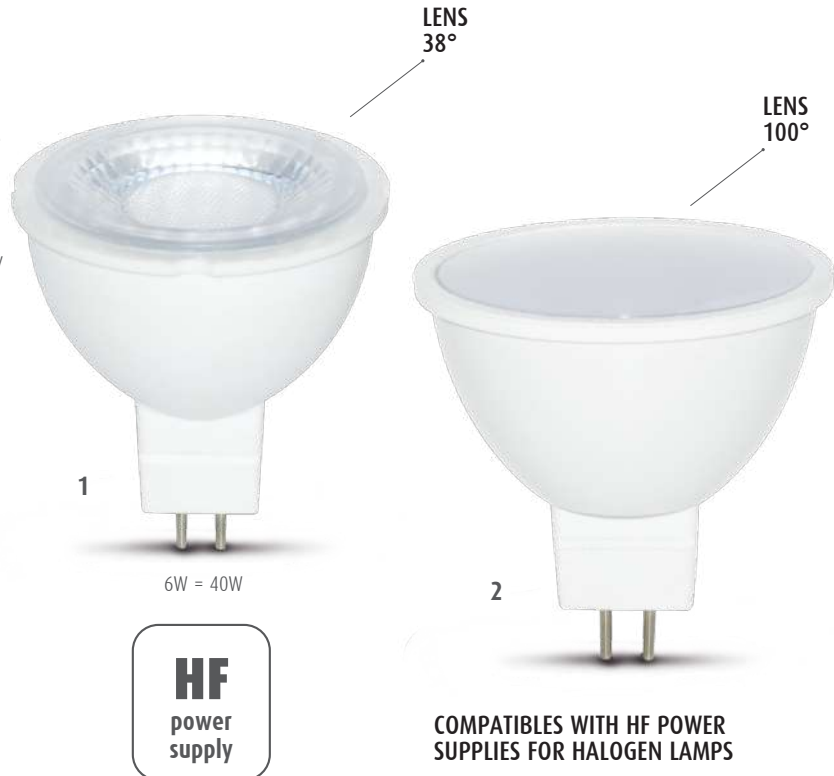
Immediate substitution of halogen lamps for any installation: no need to replace the electronic driver, only to be sure to respect the minimum charge. Milky matt aluminum optic.

## MATERIAL

Thermoconductive polymer compound with ceramic additives.

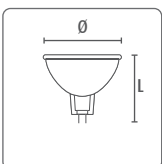
## NB

Can be used also with drivers for halogen lamps. Do not use with dimmers.



<b>BASIC</b>	12v AC/DC	Ra>80		25000h L70	IP20	-25° +35°C	G2		<b>A+</b>
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art.	photo	W		lm	cd	K		Ø	L		
<b>28530SPHF</b>	1	6	GU5,3	450	650	3000	38°	50	52	8011905   861421	10
<b>28530HF</b>	2	6	GU5,3	440	500	3000	100°	50	52	860097	10





SIRIUS GU10

3000K



# ZKRR RECESSABLE RING: ADJUSTABLE AND WITH OPTIONAL OPTICS

## TYPE

Recessed orientable ring with interchangeable optional optics for MR16, PAR16 lamps and Module.

## CHARACTERISTICS

The recessed ring, that allows an orientation of the source of 20°, can be fitted (snap on) with metal optics that can modify the lighting output by offering punctual or antiglare solutions.

## MATERIALS

Body and optics in painted metal body.

## MOUNTING



Equipped with springs for quick installation.



The possibility to easily change the beam using the beam shapers, allows to obtain different effects with the same fixture: ideal in retail spaces.



The ZKRR ring mounts the lamp in a recessed position of 4 cm.

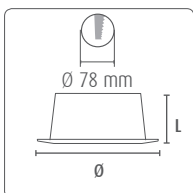
**BASIC** G5/h24

art.	Photo	Ø	L	 8011905		
<b>ZKRR</b>	Adjustable recessed ring - White color	A	90	53	844059	10

To be completed with the wired lampholders code T053 and T010.



art.	Photo	Ø	Ø1	L	L1	 8011905		
<b>ZK001</b>	Spot effect beam shaper	1	90	68,5	53	36,7	844066	10
<b>ZK002</b>	Wide beam shaper	2	90	68,5	53	36,7	844073	10
<b>ZK003</b>	Side beam shaper	3	90	68,5	53	36,7	844080	10
<b>ZK004</b>	Wall washer	4	90	68,5	53	36,7	844097	10



Ø 78 mm ± 2 mm

## ZK RECESSABLE RINGS: FIXED IP65 AND ORIENTABLE IP20

### TYPE

Recessed orientable ring with interchangeable optional optics for MR16, PAR16 lamps and Module. IP20 orientable version and IP65 fixed version.

### CHARACTERISTICS

The same ring declined in two versions to fulfill different installation needs in the same environments. Ring for recessed installation of MR16 / PAR16 lamps complete with front screen.

### MATERIALS

Painted metal body.

### MOUNTING

Equipped with springs for quick installation.



IP65

ADJUSTABLE 30° IP20

BASIC

G5/h24

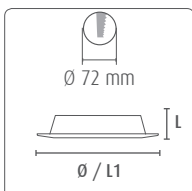
IP20

art.		Ø/L1	L	8011905	
<b>ZKRTB</b>	Round white ring	90	33	836801	10
<b>ZKRTG</b>	Round grey ring	90	33	836818	10
<b>ZKRQB</b>	Square white ring	90	33	836825	10
<b>ZKRQG</b>	Square gray ring	90	33	836832	10



IP65

art.		Ø/L1	L	8011905	
<b>ZKR65TB</b>	IP65 Round white ring	90	33	836849	10
<b>ZKR65TG</b>	IP65 Round gray ring	90	33	836856	10
<b>ZKR65QB</b>	IP65 Square white ring	90	33	836863	10
<b>ZKR65QG</b>	IP65 Square gray ring	90	33	836870	10



Ø 72 mm ± 2 mm

## ZK RECESSABLE RING: IP20 FIXED

### TYPE

Ring for recessed installation of MR16/PAR16 lamps, IP20.

### CHARACTERISTICS

The spring type lamp holder allows this recessed mounting ring to be used with any type of lamp fitted with a front closure.

### MATERIALS

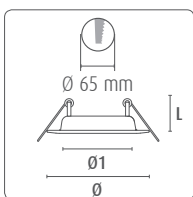
White painted metal body.

### MOUNTING

Equipped with springs for quick installation. To be completed with the wired lampholders code T053 and T010.



art.	Ø1	Ø	L	8011905	
<b>ZKRTB2</b>	51	78	26	861483	10



⚠  
Cut hole  
Ø 65 mm ± 2 mm



art.		8011905	
<b>T053</b>	Kit lampholder GU5,3 + terminal block	834388	4



art.		8011905	
<b>T010</b>	Kit lampholder GU10 + terminal block	834371	4

# MULTI-OPTIC RECESSED FIXTURE

## TYPE

Rectangular recessed fixture for two adjustable GU10 lamps.

## CHARACTERISTICS

Widely used in retail installations, it meets the needs of those who prefer a recessed ceiling luminaire with replaceable lamps. It offers the advantage of having both multidirectional and adjustable light beams from + 15 ° to -15 ° in the vertical plane. Houses PAR16 lamps; compatible with all GU10 lamps in the Duralamp catalogue.

Max 30W.

## MATERIALS

Body in black painted aluminium with silver colour frame.

## MOUNTING

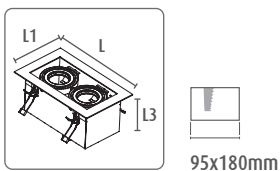
Recessed with the special galvanised aluminium springs. Complete with GU10 lamp holder



Lamps not included:  
in the picture with MULTI100 GU10.

<b>BASIC</b>	220-240V 50/60Hz	IP20 VI IP23 VO		-25° +45°C		G5/h24
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art.	L1	L2	L3	8011905	
<b>ZKR2-ST</b>	107	202	110	935269	1





ZKRTB RINGS

# DR111 - WF

## TYPE

LED AR111.

## CHARACTERISTICS

Reflector Effect: coverage of the light source makes these lamps similar to traditional halogen sources they are intended to replace.

## MATERIAL

High reflectance metal reflector. Lightness is an important feature of this product: ideal for use on any type of ceiling or fitting.

## APPLICATIONS

Professional directional lighting: ideal for use in shops and in areas where accent lighting is required.



### \*CAUTION

Item 08083 can only be used with an electronic transformer with AC 50/60Hz output.

### USAGE INFORMATION

Compatible with 12V AC 50/60Hz output electromagnetic transformers. Do not use this item with electronic transformers for halogen lamps. Do not use with dimmers. Can be used with Duralamp's drivers for LED: maximum load should not exceed 55% of the rated power of the transformer.

<b>BASIC</b>	Ra>80	25000h L70	IP20	-25° +35°C	G2	A+ A++ <sup>(1)</sup>
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12V AC 50/60Hz	
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art.	photo	W		lm	cd	K		Ø	L		
<b>08083</b>	1	13	G53	850	2000	3000	24°	111	65	844202	5
<b>L8085N</b>	1	13	G53	1000	2300	4000	24°	111	65	850128	5
<b>L8084W</b>	1	13	G53	950	7300	3000	12°	111	65	850135	5

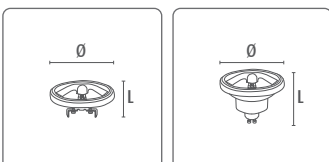
220-240V 50/60Hz		
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art.	photo	W		lm	cd	K		Ø	L		
<b>L8086W<sup>(1)</sup></b>	2	13	GU10	900	2600	3000	24°	111	65	850142	5

220-240V 50/60Hz		
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art.	photo	W		lm	cd	K		Ø	L		
<b>L8090W-D*</b>	2	14	GU10	900	2600	3000	24°	111	65	850159	5

\*Can be used with TRIAC leading edge dimmers. Dimmers' list on [www.duralamp.it](http://www.duralamp.it)



# DR111 - SF

## TYPE

LED AR111.

## CHARACTERISTICS

The size of this lamp is exactly that of halogen lamps and therefore it can be easily used in the same appliances.

## MATERIAL

High reflectance metal reflector. Thermoresistant plastic base and optics.

## APPLICATIONS

Professional Directional Lighting: ideal for use in shops and in environments where accent lighting is required.



>120W



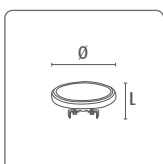
## USAGE INFORMATION

Compatible with 12V AC output electromagnetic transformers. Do not use this item with electronic transformers for halogen lamps. Do not use with dimmers. Can be used with Duralamp's drivers for LED: maximum load should not exceed 55% of the rated power of the transformer.

<b>BASIC</b>	12V AC/DC	Ra>80		30000h L70	IP20	-25° +35°C	G2	
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art.	W		lm	cd	K		Ø	L		
<b>08072</b>	15	G53	1200	2300	3000	30°	111	48	843861	50
<b>08073</b> <sup>(1)</sup>	15	G53	1250	2350	4000	30°	111	48	843878	50

Can be used with Duralamp's drivers for LED  
DELT50A-12 MAX 2 lamps

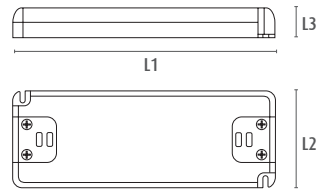




## TRANSFORMERS CONSTANT VOLTAGE OUTPUT ELECTRONIC LED POWER SUPPLY

### NOTE

It is advisable not to charge the driver more than 55% of its power in order to consider the in-rush current of LED lamps.



**DELT20A-12 DELT50A-12**



art.	W	Volt OUT	Volt IN	L1	L2	L3		8011905	
<b>DELT20A-12</b>	20	12V <sub>oc</sub>	220-240V	154	50	22	59	834616	10
<b>DELT50A-12</b>	50	12V <sub>oc</sub>	220-240V	160	58	18	274	833343	10





# LINEAR SYSTEMS

# FUNCTIONAL AND DECORATIVE LIGHTING: winning solutions with the Duralamp range

1



## DURASTIP SELECT

### LONG LIFE

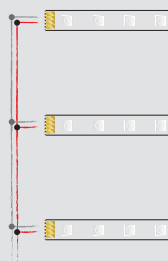
35000 hours

### HIGH COLOR RENDERING

Ra>90



**MAX CURRENT**  
FOR SINGLE POWER  
SUPPLY: 4A@24W



DRIVER

**IT CAN BE CUT TO SIZE**  
on site. IP65 reseal  
accessories available in  
the package. Additional  
cutting kits available  
with a separate code.

**IT IS SUPPLIED  
IN ROLLS**  
of 5 meters for 25W  
and 60W and 4 meters  
for 96W.

2



## PROFILES

**ALUMINUM UNIVERSAL AND  
ESSENTIALS PROFILES,  
FLEXIBLE PROFILES IN PMMA**

3



## DRIVERS

**DRIVERS AND CONTROLLERS**  
specially selected for our strips.



## POWER CHOICE

5W/m--> 25W/reel --> 550 lumen/m  
 12W/m--> 60W/reel --> 1150 lumen/m  
 24W/m--> 96W/reel --> 2200 lumen/m

## CHOICE OF COLOR TEMPERATURE FOR OUTDOOR AND INDOOR

2700K  
 3000K  
 4000K  
 6000K  
 RGB  
 Special spectra for Food

IP20  
 IP65



For **CUSTOM CUTS** or factory wiring, see next page...

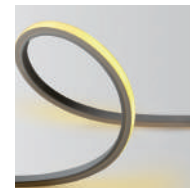
**TO BE COMPLETED** with the available profiles.

DURASTRIP SELECT bear the **CE MARKING** which means that they meet the quality standards required by European Directives and are UL certified as well. UL certification is a Quality and Safety mark that is required to use products in the United States and in countries where the same safety standards are applied.



The Universal profiles are indicated with both **IP20** and **IP65** strips.  
 The Essentials profiles are indicated with both **IP20** and **IP68** strips.  
 (the connector remains outside the profile).

**FLEXIBLE PROFILES IN PMMA:** they follow curved surfaces and offer an important protection to the strips.



All DURASTRIP SELECT are dimmable from 0-100%. The light effects that can be produced by varying the light intensity contribute in a decisive way to creating pleasant environments, with a different usability depending on the time of day. The following can be used with DURASTRIP SELECT:



- DALI systems
- DMX systems
- Analogical and digital lighting control systems
- A ZKCA controller
- CASAMBI compatible

## Custom cut to size



### STRIPS

All LED strips can be supplied cut to size with or without the terminals from the range and with specific connection cable lengths.



### PROFILES

Aluminium and PMMA profiles can be supplied cut to size.



### LIGHT

Even the light colour can be custom made.

DURALAMP has specific expertise in the creation of light 'spectrums' designed according to customer needs: white with specific shades, pure colours, LED strips made with colour mixes etc..

## Custom assemblies



### READY TO USE

Professional preparation of products ready for installation.

Profiles complete with LED strips: custom made to measure, complete with the requested cables in the desired lengths, with specific end caps, with restored IP grade where requested or with other special processes (for example, resin coated final products for unusual needs or for installation in environments with particular conditions...).

## PERSONALISED SERVICE

### Ready to install

A personalised service is provided for all light ranges and profiles in this catalogue. Every process entails a fixed price that must be added to the cost per metre of the strips or profiles to be cut to size. Also consider the possibility to insert strips in profiles:

#### Cutting DURASTRIP HiVOLT to size\* (includes a 150 cm cable):

VA00

fixed cost of piece work

#### Cutting DURASTRIP to size\* (includes a 20 cm cable):

VA01

fixed cost of piece work

#### Cutting Universal and Essential profiles to size (includes mounting accessories):

VA03

fixed cost of piece work

#### Cutting Project profiles to size (includes mounting accessories):

VA04

fixed cost of piece work

#### Assembly of strips onto profiles:

VA05

fixed cost of piece work

#### EXAMPLE:

#### Cutting DURASTRIP to size inserted in a Universal or Essential profile (for every piece):

VA01

fixed cost of cutting the strip

VA03

fixed cost of cutting the Universal or Essential profile

VA05

fixed cost of assembling the strip +profile (for every strip)

\* Durastrip must be cut by respecting the cutting pitch distances for each type.

Other particular processes such as resins, cables of specific lengths etc, must be agreed with the sales force on a project basis. The personalised service is subject to a minimum order: your local sales contact or our headquarters in Florence will evaluate the options available with you depending on the size of the project and required production time.

# DURAstrip SELECT IP65

## NB

Complete with IP68 / 68 Male/Female wire on 2 sides, length 15 cm.  
Maximum current for style power supply 4A power supply.

The 25W and 60W strips can be installed directly on the application surface using the included double-sided adhesive or bridges: we recommend the using aluminium profiles only with the 96W strips, in order to optimize heat dissipation.

In case of fixing with double-side tape, we recommend you adequately degrease the surface where the strip is to be placed.

## REAL LUMENS

The luminous flux is REAL and measures on the LED strips in their effective use conditions (nominal source values are not reported).



Cutting DURAstrip to size\*:

fixed cost of piece work

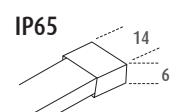
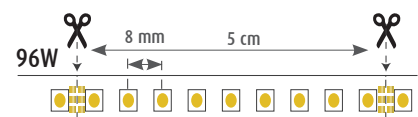
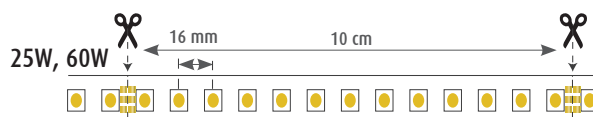
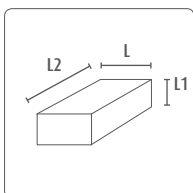
VA01

\* Please consider pitch cut. Includes a 20 cm cable.

<b>BASIC</b>	24V DC	Ra>90	30000h L70	IP65	-25° +35°C	III	UL E471161	G2	A++ A+ A
--------------	--------	-------	------------	------	---------------	-----	------------	----	----------------

art.	W	lm	K	N° Led	▲	L	L1	L2	8011905	📦
<b>05U272405EX</b>	25	490/m	2700	300	120°	11	5	5000	848859	20
<b>05U272412EX</b>	60	1075/m	2700	300	120°	13	5	5000	848866	20
<b>05U272424EX*</b>	96	1980/m	2700	480	120°	13	5	4000	848880	20
<b>05U302405EX</b>	25	505/m	3000	300	120°	11	5	5000	848873	20
<b>05U302412EX</b>	60	1130/m	3000	300	120°	13	5	5000	848897	20
<b>05U302424EX*</b>	96	2040/m	3000	480	120°	13	5	4000	848903	20
<b>05U402405EX</b>	25	545/m	4000	300	120°	11	5	5000	848910	20
<b>05U402412EX</b>	60	1180/m	4000	300	120°	13	5	5000	848927	20
<b>05U402424EX*</b>	96	2180/m	4000	480	120°	13	5	4000	848934	20
<b>05U652405EX</b>	25	545/m	6000	300	120°	11	5	5000	863234	20
<b>05U652412EX</b>	60	1180/m	6000	300	120°	13	5	5000	863227	20
<b>05U652424EX*</b>	96	2180/m	6000	480	120°	13	5	4000	902636	20


\* We recommend using this item with aluminium profiles to optimise heat dissipation.






## Accessory KIT for DURASTRIP SELECT IP65




art	Description	L	8011905	
<b>KT05EX-FC</b>	DRS-SELECT IP65 Female connector (5 pcs)	64	848941	1




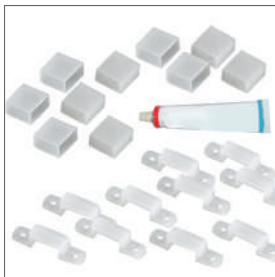
art	Description	L	8011905	
<b>KT05EX-FMC</b>	DRS-SELECT IP65 Male-female connectors (5 pcs)	68	848958	1




art	Description	L	8011905	
<b>KT05EX-2FMC</b>	DRS-SELECT IP65 Female connector with 2 male output (2 pcs)	21	849108	1



art	Description	L	8011905	
<b>KT05EX-3FMC</b>	DRS-SELECT IP65 Female connector with 3 male output (2 pcs)	23	848965	1



art	Description	8011905	
<b>KT05EX-CK</b>	DRS-SELECT IP65 Cutting kit (10 end caps + silicone + 10 clips)	848989	1

# DURASTRIP SELECT IP20

## NB

Free wires.

Max current for single power supply: 4A.  
96W strip is packaged in 4 meters rolls.

The 25W and 60W strips can be installed directly on the application surface using the included double-sided adhesive or bridges: we recommend the using aluminium profiles only with the 96W strips, in order to optimize heat dissipation.

In case of fixing with double-side tape, we recommend you adequately degrease the surface where the strip is to be placed.

## REAL LUMENS

The luminous flux is REAL and measures on the LED strips in their effective use conditions (nominal source values are not reported).



Cutting DURASTRIP to size\*:

fixed cost of piece work

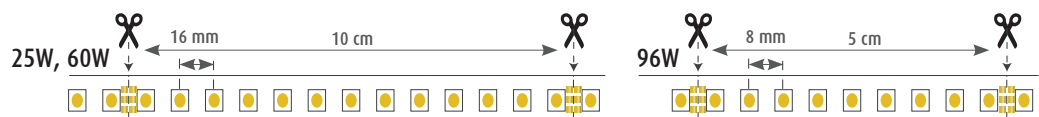
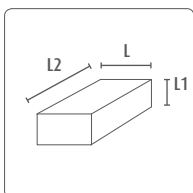
VA01

\* Please consider pitch cut. Includes a 20 cm cable.

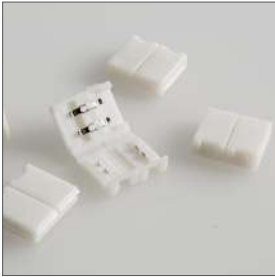
<b>BASIC</b>	24V DC	Ra>90	30000h L70	IP20	-25° +35°C	III	UL E471161	G2	A++ A+ A
--------------	--------	-------	------------	------	------------	-----	------------	----	----------------

art.	W	lm	K	N° Led	▲	L	L1	L2	8011905	📦
<b>05U272405IN</b>	25	500/m	2700	300	120°	8	2,3	5000	848996	40
<b>05U272412IN</b>	60	1100/m	2700	300	120°	10	2,3	5000	849009	40
<b>05U272424IN*</b>	96	2040/m	2700	480	120°	10	2,3	4000	849016	40
<b>05U302405IN</b>	25	520/m	3000	300	120°	8	2,3	5000	849023	40
<b>05U302412IN</b>	60	1160/m	3000	300	120°	10	2,3	5000	849030	40
<b>05U302424IN*</b>	96	2100/m	3000	480	120°	10	2,3	4000	849047	40
<b>05U402405IN</b>	25	560/m	4000	300	120°	8	2,3	5000	849054	40
<b>05U402412IN</b>	60	1210/m	4000	300	120°	10	2,3	5000	849061	40
<b>05U402424IN*</b>	96	2250/m	4000	480	120°	10	2,3	4000	849078	40
<b>05U652405IN</b>	25	560/m	6000	300	120°	8	2,3	5000	862817	40
<b>05U652412IN</b>	60	1210/m	6000	300	120°	10	2,3	5000	862824	40
<b>05U652424IN*</b>	96	2250/m	6000	480	120°	10	2,3	4000	902643	40

\* We recommend using this item with aluminium profiles to optimise heat dissipation.





## Accessory KIT for DURASTRIP SELECT IP20



art	Description		 8011905	
<b>KT05IN-CON</b>	DRS-SELECT IP20 Connector (5 pcs) for 25W strip		849085	1
<b>KT05IN-CON-HP</b>	DRS-SELECT IP20 Connector (5 pcs) for 60W/96W strip		849139	1



art	Description	L	 8011905	
<b>KT05IN-JUN</b>	DRS-SELECT IP20 Junction between 2 strips (5 pcs) for 25W strip	33,5	849092	1
<b>KT05IN-JUN-HP</b>	DRS-SELECT IP20 Junction between 2 strips (5 pcs) for 60W strip	33,5	849146	1



art	Additional cut and mount kit for Strip IP20		 8011905	
<b>KT7500</b>	For STRIP 96W (8 terminal blocks, 4 terminal blocks with 15 cm wire, 12 silicone fixing bridges with screws)		834401	1



730lm

**RE**

'Enhanced' red: makes the goods on display on butchers and delicatessen counters appear fresh and appetising.



970lm

**YE**

'Enhanced' yellow: improves the perception of products with warm colours. Typically used on counters selling bread and pastries.



1070lm

**WE**

'Enhanced' white: improves the perception of products and reinforces contrast. Improves the visual experience in bridal shops or on fish and vegetable counters, in the printing industry and aquariums.



1180lm

**CE**

'Super-enhanced' white: improves the visual experience on fish shop counters, in the printing industry and aquariums.

# DURASTRIP FOOD IP65

## TYPE

IP65 LED strips for special applications in food retail and distribution. Colour of the light: white with specific spectra.

## CHARACTERISTICS

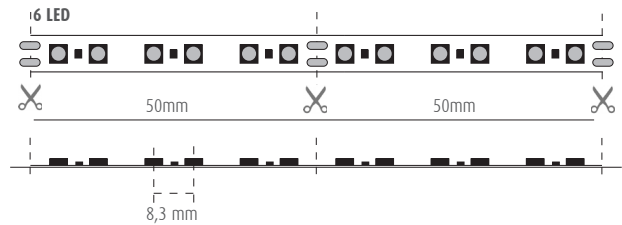
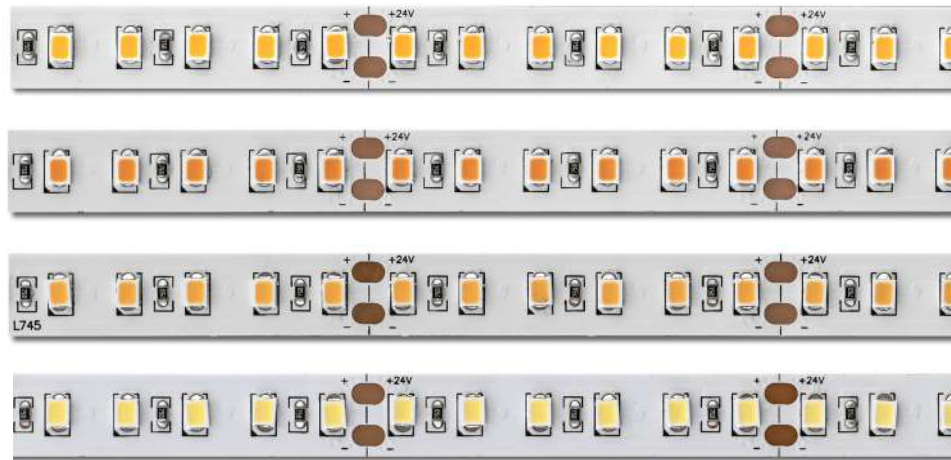
Products with calibrated spectrum to improve visual perception of goods in different product sectors. Strips can be cut to size by following the cutting indications printed on the strips. For IP65 strips, restore the IP protection after cutting.

## ASSEMBLY

Complete with 3M double-sided tape to attach to the surface. When using double-sided tape degrease the application surface adequately.

## APPLICATIONS

The retail food, baked goods and hospitality industries. Packaged in 5 m reels; complete with 3M tape on the back.



<b>PRO</b>	24V DC	50000h L70	IP68	-25° +35°C	III	UL E471161	G5/h24	A++ A+ A	Risk Group 0
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art.	W	W/lm	lm/m	N° LED/m	Beam angle	L	L1	L2	Barcode	8011905	Icon
New <b>0SURE2414XO</b>	70	14	730	Meat	120°	12	4	5000	949907	1	
New <b>0SUYE2414XO</b>	70	14	970	Bread	120°	12	4	5000	949914	1	
New <b>0SUWE2414XO</b>	70	14	1070	Vegetable	120°	12	4	5000	949921	1	
New <b>0SUCE2414XO</b>	70	14	1180	Fish	120°	12	4	5000	951474	1	

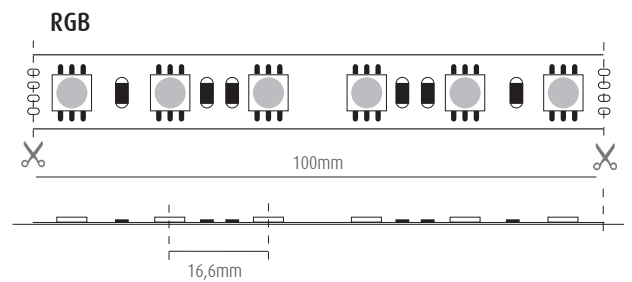
Cutting DURASTRIP to size\*:

fixed cost of piece work

VA01

\* Please consider pitch cut. Includes a 20 cm cable.

# DURASTRIP RGB



<b>BASIC</b>	24V DC	30000h L70 B20	-25° +35°C	III	UL E471161	G3	A++ A+ A	Risk Group 0
--------------	--------	----------------	------------	-----	------------	----	----------------	--------------

IP20

art.	W	W/m	N° LED		L	L1	L2		
<b>05URGB2411IN</b>	55	11	300	120°	8	2	5000		1

IP65

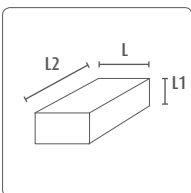
art.	W	W/m	N° LED		L	L1	L2		
<b>05URGB2411EX</b>	55	11	300	120°	10	4	5000		1



art	Cut and mount kit for Strip IP68 and IP65 - RGB		
<b>KT68PA-RGB</b>	This kit includes 4 terminal blocks with 15 cm wire, 10 silicone fixing bridges with screws		1



For further details on other connection configurations see the connection diagrams on the following pages.



Cutting DURASTRIP to size\*:

fixed cost of piece work

VA01

\* Please consider pitch cut. Includes a 20 cm cable.



Project: **CALIFORNIA GYM**

Country: Tunisia

## DURASTRIP HiVolt

DURASTRIP HiVOLT for direct mains connection provides the advantage of being able to reach a length of 50 metres with power directly from mains electrical supply whilst offering lighting uniformity and colour along the entire length of the strip. Without the inconvenience of a remote LED driver, the strips can be used in surface mounted installations. With a shuko plug the product is IP44 but supplied already cut to the required length with a free wire arrangement, it is possible to achieve an IP65 protection provided the cables are terminated into a suitably rated enclosure making DURASTRIP HiVolt easy to maintain and resist the most common aggressive environments.



### DURASTRIP HiVolt 120V CCT+DIM-TO-WARM

Dedicated to 120V: variable colour temperature from 2700K to 6500K, all white shades possible to vary the atmosphere and environment. Version from 1800K to 3000K: Dim to Warm for warm and welcoming atmospheres.

#### SINGLE FEED MAXIMUM LENGTH

50 mètres

#### PITCH CUT

20 cm

#### COLOURS OF LIGHT

1800-3000K  
2700-6500K

#### DIMMABILITY

Dimmable TRIAC leading edge

IP40

IP65

project



### DURASTRIP HiVolt 230V

Thick extruded silicone profile, extremely sturdy.

#### SINGLE FEED MAXIMUM LENGTH

50 mètres

#### PITCH CUT

20 cm

#### COLOURS OF LIGHT

2700K - 3000K - 4000K

#### DIMMABILITY

Dimmable with DMX Dimmer code ZKCDMX-HV.

IP44

IP65







Project: **PRIVATE RESIDENCE**

Country: Huntington Beach, CA  
Photo: ©SAC Design

# DURASTRIP HiVolt

01

SUPPLIED ALREADY CUT AT  
REQUESTED MEASURES

IP44



WITH PLUG

IP65



FREE WIRES

02

SINGLE FEED MAXIMUM LENGTH:  
50 METRES



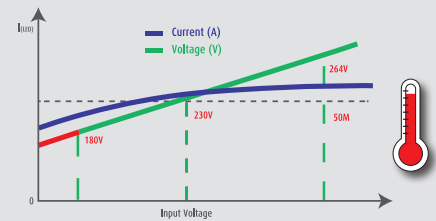
03

FOR OUTDOOR AND INDOOR USE



04

MAINS VOLTAGE,  
NO POWER SUPPLY NEEDED



Voltage fluctuations may affect product brightness. The stated data refer to values measured at 230Vac.

When the temperature returns to normal the strip automatically returns to its normal state of operation by offering the best performance.

## 05

### CONFIGURATION OF THE "CUSTOM MADE" PRODUCT



Here are the necessary specifications to define the "custom made" HiVOLT DURASTRIP, complete with cable and plug. The following elements must be defined:

1. EXISTING PRODUCT CODE
2. LENGTH OF STRIP SEGMENT

The requested length must take into account the cutting spacing of 20 cm, max 50m single feed.



(ALWAYS CONSIDER THE 20 CM CUTTING SPACE)  
If a strip complete with a plug is requested, consider the size of the accessories: see the technical drawing to be sure



## 06

### ENCODING SYSTEM FOR PROJECT PLANNING



art.

**07U27HVE12**

DURASTRIP HiVolt  
2700K 12W/m

Strip length  
(cm)

1560

Strip length  
(excluding cables)  
15,60m

Order code

**07U27HVE121560**

Please consider the additional cut and component fixed fee as well as the cost of the single piece.

Cutting DURASTRIP HiVOLT to size\*:

fixed cost of piece work

VA00

\* Please consider pitch cut. Includes a 1500 mm cable with plug; 1000 mm without plug.

# DURASTRIP HiVolt

## LED

LED 2835  
12W/m  
230V  
70 LED/m  
Ra >80  
Lifetime: internal use >50,000h; external use >35,000h  
Warranty: 3 years

## COLOURS OF LIGHT

Choice of Colour Temperatures

## BINNING

ANSI/SDCM: 3 step.  
2700K - 3000K - (3500 - 120V) - 4000K

## DIMMABILITY

Dimmable with DMX dimmer code ZKCDMX-HV.

## CONNECTIONS

Up to 50 metres.  
HiVolt IP65 strips are supplied ready to be installed complete with a cable of 1.5m (black) equipped with a Schuko plug (full collar Schuko IP44) or supplied with free wires (IP65) 1.5m.  
In addition to the value of the goods ordered consider the cost of cutting and installing components for every single piece (cable, fuse, Schuko plug and cut).

## ASSEMBLY

We recommend to order the assembly clips considering to use 4 clips for every metre. Any particular requests will be specified in the project form.

## PACKAGE

Supplied already cut to measures.  
Or custom products cut to specific lengths see page 101.

## ACCESSORIES

Fixing bridges.

Cutting DURASTRIP HiVOLT to size\*:

fixed cost of piece work

VA00

\* Please consider pitch cut. Includes a 1500 mm cable with plug; 1000 mm without plug.

DURASTRIP HiVolt differs from similar products due to its extreme sturdiness: the protective sheath is reinforced by a double extrusion layer which provides a solid and highly resistant compacted quality.

DURASTRIP HiVolt for direct mains connection provides the advantage of being able to reach a length of 50 metres with power directly from mains electrical supply whilst offering lighting uniformity and colour along the entire length of the strip. Without the inconvenience of a remote LED driver, the strips can be used in surface mounted installations. With a schuko plus the product is IP44 but supplied already cut to the required length with a free wire arrangement, it is possible to achieve an IP65 protection provided the cables are terminated into a suitably rated enclosure making DURASTRIP HiVolt easy to maintain and resist the most common aggressive environments.





**PRO** Ra>80 50000h L70 INDOOR 35000h L70 OUTDOOR IP65 G3

MAX 6mm NO DOT

220-240V  
50/60Hz

art.	W/m	lm/m	K		N° Led/m	L	L1	
<b>07U27HVE12</b>	12	1150	2700	110°	70	16	8	per metre*
<b>07U30HVE12</b>	12	1200	3000	110°	70	16	8	per metre*
<b>07U40HVE12</b>	12	1280	4000	110°	70	16	8	per metre*

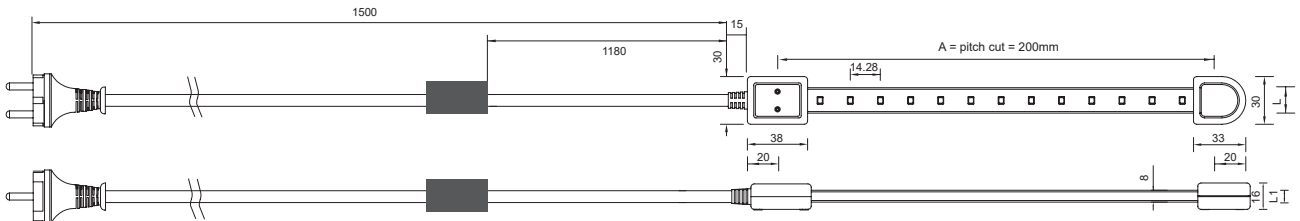
\* Add a fixed processing cost for every piece ordered

120V AC/DC E470698

art.	W/m	lm/m	K		N° Led/m	L	L1	
<b>07U27HVU12</b>	12	1150	2700	110°	70	16	8	per metre*
<b>07U30HVU12</b>	12	1200	3000	110°	70	16	8	per metre*
<b>07U35HVU12</b>	12	1280	3500	110°	70	16	8	per metre*

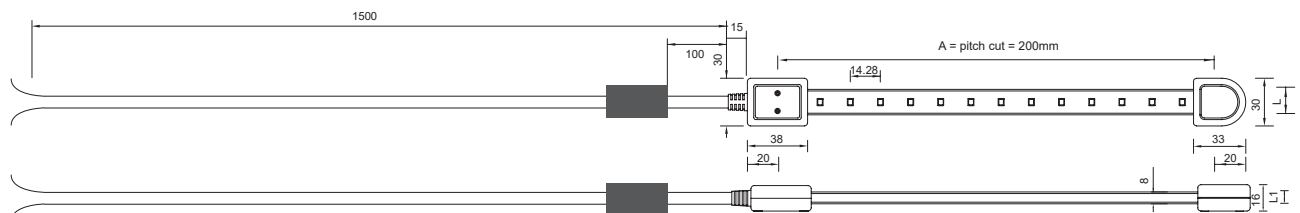
\* Add a fixed processing cost for every piece ordered

### IP44



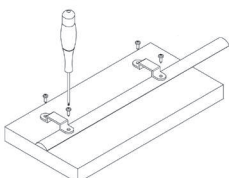
SCHUKO PLUG

### IP65

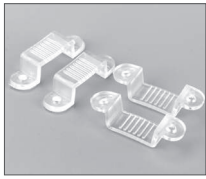


FREE WIRES

**EASY MOUNTING:  
IT CAN BE FIXED WITH  
FIXING BRIDGES.**



## LIST of accessories



art. **Accessory KIT for DURASTRIP HiVolt**



**KTHVCL** Set mounting clip for HiV strip (10pcs)

849689

1



art. **Dimmer DMX for DURASTRIP HiVolt**



**ZKCDMX-HV** Can be used with ZKTPC; 300W/CH

862473

1

3 channel.



DMX WALL TOUCH DIMMER FOR WHITE LIGHT DURASTRIP

art.	Input Voltage	Number of DMX channels	Number of areas	Number of scenes	L1	L2	L3		
<b>ZKTPC-DIM</b>	5Vdc	4	4	4	86	86	10	39635	1

Each channel can have 256 levels of light variation and 4 favourite scenes can be saved.

“Memory” function: the last colour temperature chosen is recalled when the light is switched back on again; 3 scenes can be saved.

See page 144



Project: **ROLEX BOUTIQUE**

Country: Malta

Photo: Edwards Lowell

# DURASTRIP HiVolt ARCH Dimmable / 230V - 120V

## LED

LED 2835  
12W/m  
230V - 120V  
80 LED/m  
Ra >90  
Lifetime: indoor use >50.000h; outdoor use >35.000h  
Warranty: 3 years

## COLOURS OF LIGHT

Choice of white colour temperature

## BINNING

ANSI/SDCM: 3 step.  
2700K - 3000K - 4000K - 6000K

## DIMMABILITY

230V: Dimmable TRIAC leading edge 10-100%  
120V: Dimmable ELV 10-100%  
Refer to the Duralamp site for details on compatible dimmers

## CONNECTIONS

Up to 50 metres.  
HiVolt IP65 strips are supplied ready to be installed complete with a cable of 1.50 m (black) equipped with a Schuko plug (full collar Schuko IP44) or supplied with free wires (IP65).  
In addition to the value of the goods ordered consider the cost of cutting and installing components for every single piece (1.5 m cable, fuse, Schuko plug and cut).

## ASSEMBLY

We recommend to order the assembly clips considering to use 4 clips for every metre. Any particular requests will be specified in the project form.

## PACKAGE

Supplied already cut to measures.  
Or custom products cut to specific lengths see page 11, 322.

## ACCESSORIES

PC clip for anchoring.

Dimmable version supplied with TRIAC soft dimming achieved with the built in control Chip. Strip protected from over voltage & and overheating failure in each 20 cm strip segment.

Fitted with latest generation weatherproof and UV resistant Extruded PVC body for exterior use. Finished with white base and sides along with a transparent upper screen for a clean light emission. System features miniature electrical connections and a closing end cap similar to the main strip. Supplied already cut and wired in the requested measurement. May be provided with IP40 or IP65 rating depending on the installation environment.



230V with an example of IP40 connection

Cutting DURASTRIP HiVOLT to size\*:

fixed cost of piece work

VA00

\* Please consider pitch cut. Includes a 1500 mm cable with plug; 1000 mm without plug.





120V with an example of IP65 connection



**PRO** Ra>90  50000h L70 INDOOR 35000h L70 OUTDOOR IP40 IP65  **G3**  A++ A+ A

MAX 1,6mm  NO DOT



220-240V  
50/60Hz

	art.	W/m	lm/m	K		N° Led/m	L	L1	
New	<b>07U27HVE12-D</b>	12	860	2700	110°	80	16,5	7	per metre*
New	<b>07U30HVE12-D</b>	12	910	3000	110°	80	16,5	7	per metre*
New	<b>07U35HVE12-D</b>	12	910	3500	110°	80	16,5	7	per metre*
New	<b>07U40HVE12-D</b>	12	960	4000	110°	80	16,5	7	per metre*
New	<b>07U60HVE12-D</b>	12	960	6000	110°	80	16,5	7	per metre*

For processes with IP40 terminals add -IN at the end of the code

For processes with IP65 terminals add -EX at the end of the code



120V AC/DC  E470698

	art.	W/m	lm/m	K		N° Led/m	L	L1	
New	<b>07U27HVU12-D</b>	12	1000	2700	110°	80	16,5	7	per metre*
New	<b>07U30HVU12-D</b>	12	1050	3000	110°	80	16,5	7	per metre*
New	<b>07U35HVU12-D</b>	12	1050	3500	110°	80	16,5	7	per metre*
New	<b>07U40HVU12-D</b>	12	1150	4000	110°	80	16,5	7	per metre*
New	<b>07U60HVU12-D</b>	12	1150	6000	110°	80	16,5	7	per metre*

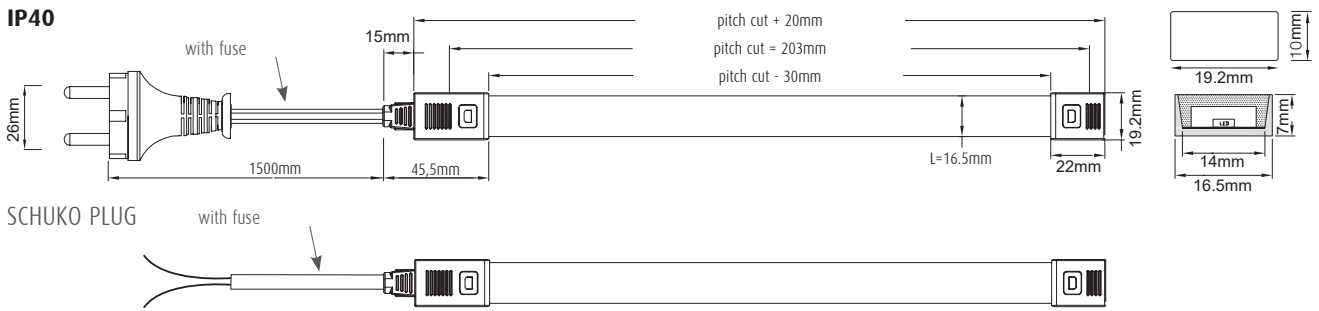
For processes with IP40 terminals add -IN at the end of the code

For processes with IP65 terminals add -EX at the end of the code



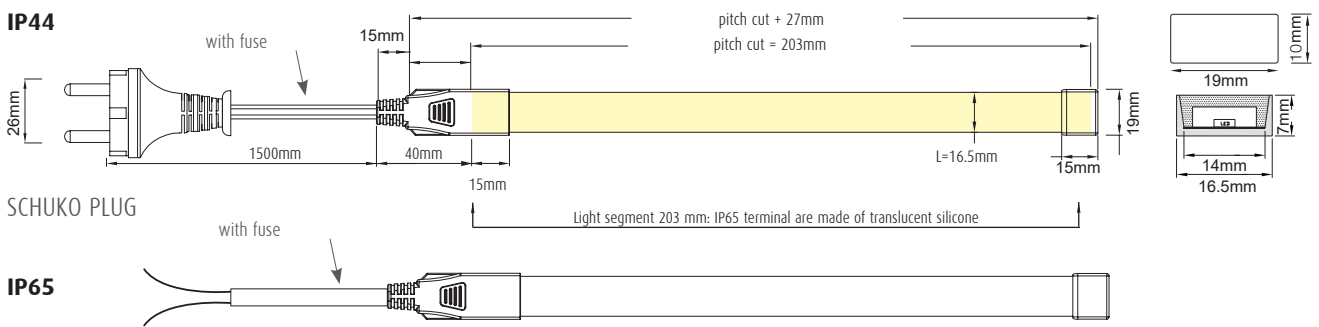
art	Description	 8011905 
<b>KTHV1-CL</b>	Spring clips for dimmable HiVolt - 10 pcs	950965 1

## DURASTRIP HiVolt ARCH DIMMABLE - 230V - IP40 Terminal "in" with Schuko plug or free wires



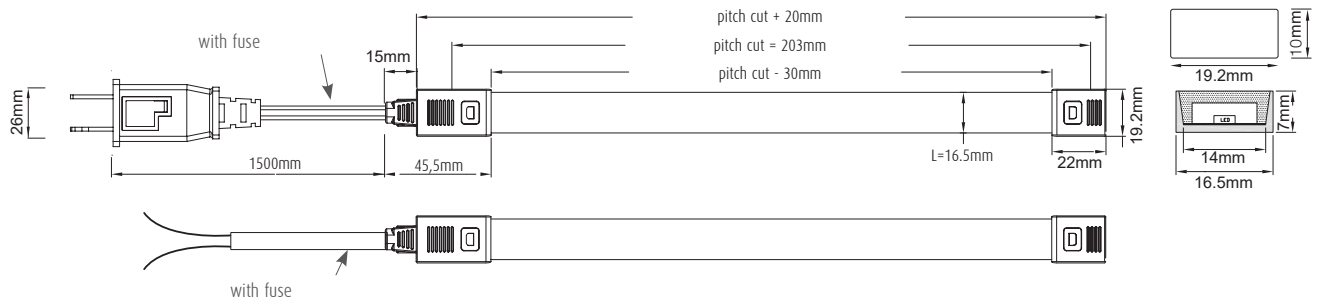
FREE WIRES

## DURASTRIP HiVolt ARCH DIMMABLE - 230V - IP65 Terminal "EX" with Schuko plug or free wires

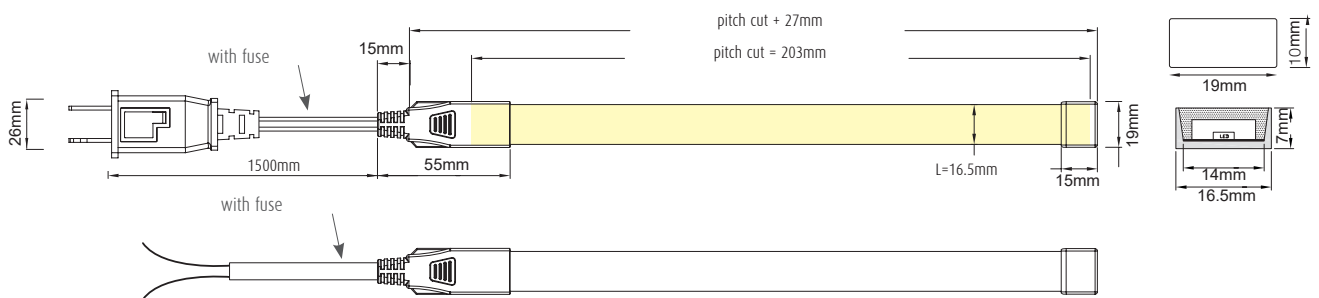


FREE WIRES

## DURASTRIP HiVolt ARCH DIMMABLE - 120V - IP40 Terminal "in" with plug or free wires



## DURASTRIP HiVolt ARCH DIMMABLE - 120V - IP65 Terminal "EX" with plug or free wires





Project: **RED O RESTAURANT**

Country: La Jolla, CA

Lighting Design: HLB Lighting Design

Photo: ©SAC Design

## PROFILES Universal

Universal profiles are the most practical and versatile solutions to house LED strips **IP20** and **IP65** up to 16 mm in width in the most common installations: surface, recessed and corner. Equipped with a compartment to accommodate cables they make allow for easier and 'cleaner' installations. The corner version is very versatile: thanks to two very small brackets it can become **a surprising suspended profile with a very thin blade of light!**



**SURFACE**



**RECESSED**



**CORNER**

**LENS 120° - STANDARD**



**LENS 30°**



**LENS 60°**



**ASYMMETRIC LENS**



## PROFILES Essentials

Essentials profiles are easy to use, best seller profiles. Profiles of compact dimensions but able to house **IP20** or **IP68** strips (IP68 connectors remain out of the profile), for surface mounted, recessed or corner installation with the great advantage of having absolutely competitive costs and minimum dimensions.

PREDESO is also part of this range: a profile that immediately becomes a fixture with different installation methods. In the suspended version PREDESO offers not only direct lighting but also the possibility of indirect lighting.



**SURFACE**

PRAP20-2MK  
PRAP68-2MK



**RECESSED**

PRIN20-2MK  
PRIN68-2MK



**CORNER**

PRAN20-2MK  
PRAN68-2MK

## FLEXIBLE PROFILES: PRAPFLEX and PRAPFLEXVERT



## SURFACE PROFILES: PRAP-U

### CHARACTERISTICS

Aluminium profile for surface installation. It houses both IP20 and IP68 strips up to 18 mm in width. Equipped with a compartment to accommodate cables.

### CAN BE USED WITH LED STRIPS WITH A MAXIMUM WIDTH:

18 mm.

### MATERIALS

6063 Aluminium profile with a white PC screen.

### ACCESSORIES INCLUDED

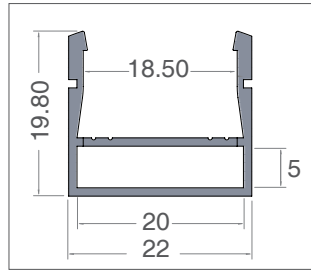
Every 2 metre bar is complete with 1 set of end caps (with and without holes) and 1 set of mounting clips.

### ASSEMBLY

Surface. Equipped with a compartment to pass cables through.

### PACKAGE

Supplied in packages of 5 bars, each one measuring 2 meters, complete with screen and accessories. Replacement accessories available with a separate code. Screens with different beam openings, spot, flood and asymmetrical available to replace the standard screen the profile is equipped with.



The universal profile has a compartment to pass cables through.



Cutting Universal and Essential profiles to size\*:

fixed cost of piece work

VA03

\* Includes mounting accessories.

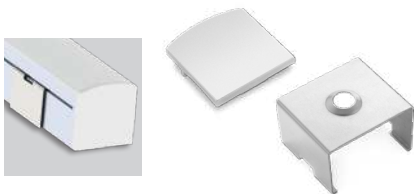
Art.	Description	L1	H	L	8011905	
<b>PRAP-U</b>	profile complete with PC screen and accessories	22	19,8	2000	933036	1/5



Art.	Description	8011905	
<b>OR-DEV</b>	Set of Steel Supports For Profiles	844004	1



Art.	Description	8011905	
<b>KTORDEV-U</b>	Set of Aluminium Mounting Heads For PPRAP-U Profiles.	931728	1



art	Description	8011905	
<b>KTPRAP-UEC</b>	5 + 5 silver colour end caps	913748	1
<b>KTPRU-CL</b>	5 sets of clips for PRAP-U + PRIN-U	933111	1

## RECESSED PROFILES: PRIN-U

### CHARACTERISTICS

Aluminium profile for recessed installation. Houses both IP20 and IP68 strips up to 18 mm in width. Equipped with a compartment to accommodate cables.

### CAN BE USED WITH LED STRIPS WITH A MAXIMUM WIDTH:

18 mm.

### MATERIALS

6063 Aluminium profile with a white PC screen.

### ACCESSORIES INCLUDED

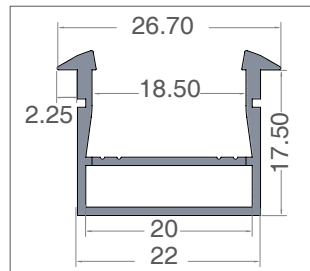
Every 2 metre bar is complete with 1 set of end caps (with and without holes) and 1 set of mounting clips.

### ASSEMBLY

Recessed. Equipped with a compartment to pass cables through.

### PACKAGE

Supplied in packages of 5 bars, each one measuring 2 meters, complete with screen and accessories. Replacement accessories available with a separate code. Screens with different beam openings, spot, flood and asymmetrical available to replace the standard screen it is equipped with.



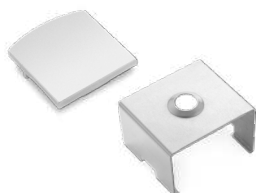
Cutting Universal and Essential profiles to size\*:

fixed cost of piece work

VA03

\* Includes mounting accessories.

art	Description	L1	H	L	 8011905	
<b>PRIN-U</b>	profile complete with PC screen and accessories	26,50	22,30	2000	933043	1/5



art	Description	 8011905	
<b>KTPRIN-UEC</b>	5 + 5 silver colour end caps	933104	1
<b>KTPRU-CL</b>	5 sets of clips for PRAP-U + PRIN-U	933111	1

## PRAN-U CORNER PROFILE

### CHARACTERISTICS

Aluminium profile for surface or suspension installation with special brackets and cables. Houses both IP20 and IP68 strips up to 18 mm in width. Equipped with a compartment to accommodate cables.

### CAN BE USED WITH LED STRIPS WITH A MAXIMUM WIDTH:

16 mm.

### MATERIALS

6063 Aluminium profile with a white PC screen.

### ACCESSORIES INCLUDED

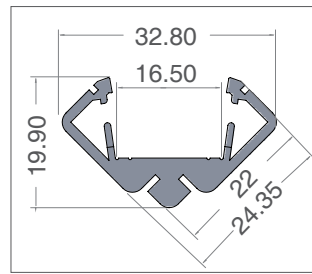
Every 2 metre bar is complete with 1 set of end caps (with and without holes) and 1 set of mounting clips.

### ASSEMBLY

Surface. Equipped with a compartment to pass cables through.\*

### PACKAGE

Supplied in packages of 5 bars, each one measuring 2 meters, complete with screen and accessories. Replacement accessories available with a separate code. Screens with different beam openings, spot, flood and asymmetrical available to replace the standard screen it is equipped with.



\* This profile can be suspension mounted by using the steel slides and suspension cable kit that are available with a separate code. The slides can also act as blocks to join two adjacent profiles.

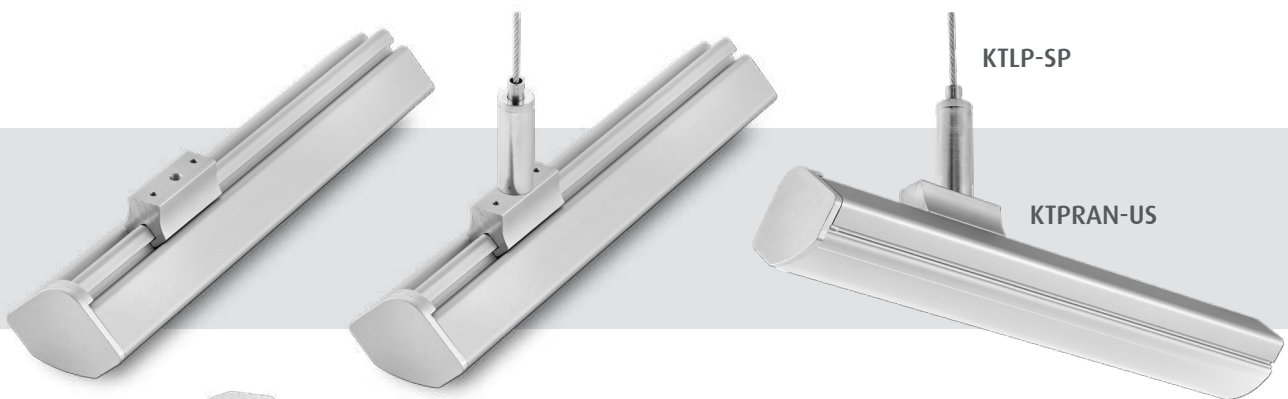
Cutting Universal and Essential profiles to size\*:

fixed cost of piece work

VA03

\* Includes mounting accessories.

art	Description	L	8011905	
New PRAN-U	profile complete with PC screen and accessories	2000	933029	1/5



art	Description	8011905	
KTPRAN-UEC	5 + 5 silver colour end caps	933098	1
KTPRAN-UCL	5 sets of metal clips	933081	1
KTPRAN-US	Set of 2 sliding brackets for fixing	913731	1
KTLP-SP	1.5 m suspension cables	834661	1



## ACCESSORIES FOR PRAP-U, PRIN-U, PRAN-U



LENS 120° - STANDARD

LENS 30°

LENS 60°

ASYMMETRIC LENS



Art.	Description	L	 8011905	
<b>PRU-LENS</b>	replacement lenses for universal profiles 120°	2000	933050	1/5
<b>PRULENS30</b>	optional SPOT lens for universal profiles	2000	933067	1/5
<b>PRULENS60</b>	optional FLOOD lens for universal profiles	2000	933074	1/5
<b>PRULENSASYM</b>	optional ASYMMETRICAL lens for universal profiles	2000	933128	1/5

The universal profile can house strips up to 18 mm in width.  
To house IP65 or IP68 strips the connectors remain outside the profile.

IP68



IP65  
HIVOLT



IP68  
RGB  
RGBW



## SURFACE PROFILES: PRAP

### CHARACTERISTICS

Aluminium profile for surface mounting installations. Aluminium profiles allow for a more stable installation, in case of linear installations.

Recommended for indoor and outdoor (protected) applications and for high power strips in order to better heat dissipation.

### CAN BE USED WITH LED STRIPS WITH A MAXIMUM WIDTH:

12 mm (PRAP20) and 15 mm (PRAP68).

### MAXIMUM POWER

20W/m 20 Series

25W/m 68 Series

### MATERIALS

6063 Aluminium profile with a white PC screen.

### ACCESSORIES

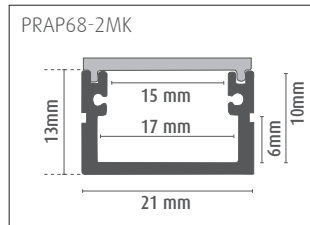
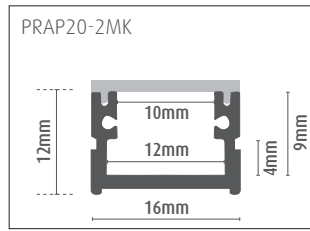
Every 2 metre bar is complete with 2 sets of end caps (with or without holes) and 2 sets of mounting clips.

### MOUNTING

Recessed.

### PACKAGE

Supplied in packages of 5 bars of 2 meters complete with screen and accessories.



### IP68/IP65



IP65 or IP68 strips the connectors rest outside the profile.

Cutting Universal and Essential profiles to size\*:

fixed cost of piece work

VA03

\* Includes mounting accessories.

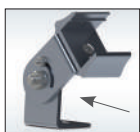
art	Description	L1	H	L	8011905	
New PRAP20-2MK	profile complete with PC screen + accessories	16	12	2000	951405	1/5
New PRAP68-2MK	profile complete with PC screen + accessories	21	13	2000	951412	1/5



Kit caps and clips for surface mounting

art	Description	8011905	
KTPRAP20	10 clips, 5 end caps without hole + 5 end caps with hole for the cable.	834821	1
KTPRAP68	10 clips, 5 end caps without hole + 5 end caps with hole for the cable.	834791	1

## ADJUSTABLE SUPPORTS FOR PRAP68-2MK PROFILE



art	Description	8011905	
OR-DEV	SET OF TWO STEEL ADJUSTABLE SUPPORTS	844004	1



art	Description	8011905	
OR-DEVKT68	SET OF TWO ALUMINIUM BRACKETS FOR PRAP68-2M PROFILES.	844028	1

## RECESSED PROFILES: PRIN

### CHARACTERISTICS

Extruded aluminium profile for recessed installation. Aluminium profiles allow for a more stable installation, in case of linear installations.

Recommended for indoor and outdoor (protected) applications and for high power strips in order to better heat dissipation.

### CAN BE USED WITH LED STRIPS WITH A MAXIMUM WIDTH:

13 mm (PRIN20) and 15 mm (PRIN68).

### MAXIMUM POWER

20W/m 20 Series

25W/m 68 Series

### MATERIALS

6063 Aluminium profile with a white PC screen.

### ACCESSORIES

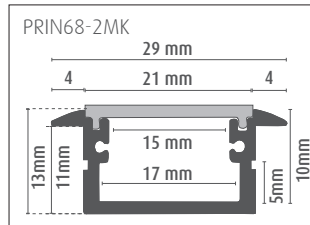
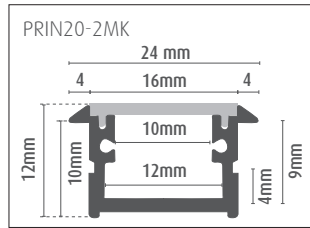
Every 2 metre bar is complete with 2 sets of end caps (with or without holes) and 2 sets of mounting clips.

### MOUNTING

Recessed.

### PACKAGE

Supplied in packages of 5 bars of 2 meters complete with screen and accessories.



### IP68/IP65





IP65 or IP68 strips the connectors rest outside the profile.

Cutting Universal and Essential profiles to size\*:

fixed cost of piece work



VA03

\* Includes mounting accessories.

art	Description	L1	H	L	 8011905	
New <b>PRIN20-2MK</b>	profile complete with PC screen + accessories	24	12	2000	951429	1/5
New <b>PRIN68-2MK</b>	profile complete with PC screen + accessories	29	13	2000	951436	1/5

Kit caps and clips for recessed mounting



art	Description	 8011905	
<b>KTPRIN20</b>	10 clips, 5 end caps without hole + 5 end caps with hole for the cable.	834838	1
<b>KTPRIN68</b>	10 clips, 5 end caps without hole + 5 end caps with hole for the cable.	834807	1

## CORNER PROFILE: PRAN

### CHARACTERISTICS

Aluminium profile for corner surface installation. Aluminium profiles allow for a more stable installation, in case of linear installations. Recommended for indoor and outdoor (protected) applications and for high power strips in order to better heat dissipation.

### CAN BE USED WITH LED STRIPS WITH A MAXIMUM WIDTH:

10 mm (PRAN20) and 14 mm (PRAN68).

### MAXIMUM POWER

20W/m 20 Series

25W/m 68 Series

### MATERIALS

6063 Aluminium profile with a white PC screen.

### ACCESSORIES

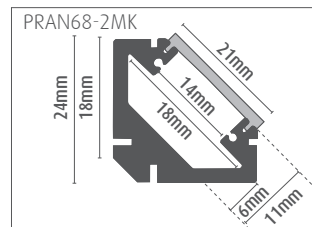
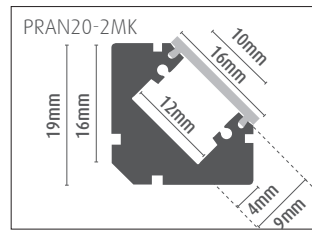
Every 2 metre bar is complete with 2 sets of end caps (with or without holes) and 2 sets of mounting clips.

### MOUNTING

Surface.

### PACKAGE

Supplied in packages of 5 bars of 2 meters complete with screen and accessories.



Cutting Universal and Essential profiles to size\*:

fixed cost of piece work



VA03

\* Includes mounting accessories.

art	Description	L	 8011905	
New PRAN20-2MK	profile complete with PC screen + accessories	2000	951382	1/5
New PRAN68-2MK	profile complete with PC screen + accessories	2000	951399	1/5

Kit caps and clips for mounting angle 45°



art	Description	 8011905	
KTPRAN20	10 clips, 5 end caps without hole + 5 end caps with hole for the cable.	834845	1
KTPRAN68	10 clips, 5 end caps without hole + 5 end caps with hole for the cable.	834814	1



Project: **SCHALLER PENTHOUSE**

Country: Colombia

Lighting Design: Targetti Project Team

Architect: Helmer Junco

Photo: Sebastian Franco

## ALUMINIUM PROFILES FOR DURASTRIP IP20

### TYPE

Extruded aluminium profiles for DURASTRIP.

### CHARACTERISTICS

Aluminium profiles allow for a more stable installation, in case of linear installations.

### NB

Recommended for indoor and outdoor applications and for high power strips in order to better heat dissipation.



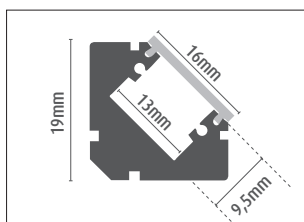
45° CORNER

RECESSED

ON SURFACE

art	Mounting	L	 8011905	
<b>PRAN20-2M</b>	Corner mounting 45° - for IP20	2000	852702	5
<b>PRIN20-2M</b>	Recessed mounting - for IP20	2000	852719	5
<b>PRAP20-2M</b>	Surface mounting - for IP20	2000	852696	5
<b>KTPRAN20</b>	Kit caps and clips for mounting angle 45° - for IP20	-	834845	1
<b>KTPRIN20</b>	Kit caps and clips for mounting recessed - for IP20	-	834838	1
<b>KTPRAP20</b>	Kit caps and clips for mounting surface - for IP20	-	834821	1

### PROFILES IP20

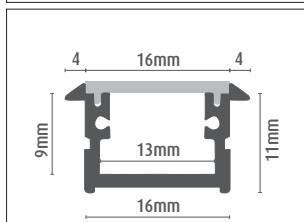


Corner mounting - 45°

Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-colored.

L=2000 mm

Mounting kit KTPRAN20: 10 clips, 5 end caps without hole + 5 end caps with hole for the cable.

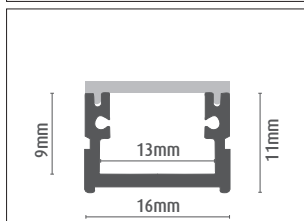


Recessed mounting.

Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-colored.

L=2000 mm

Mounting kit KTPRIN20: 10 clips, 10 end caps without hole.



Surface mounting.

Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-colored.

L=2000 mm

Mounting kit KTPRAP20: 10 clips, 5 end caps without hole + 5 end caps with hole for the cable.



## ALUMINIUM PROFILES FOR DURASTRIP IP68



45° CORNER

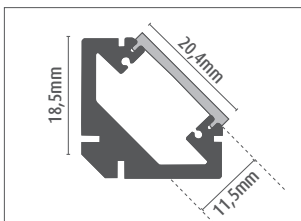
RECESSED

ON SURFACE

art	Mounting	L	 8011905	
<b>PRAN68-2M*</b>	Corner mounting 45° - for IP68	2000	852733	5
<b>PRIN68-2M*</b>	Recessed mounting - for IP68	2000	852726	5
<b>PRAP68-2M*</b>	Surface mounting - for IP68	2000	852740	5
<b>KTPRAN68*</b>	Kit caps and clips for mounting angle 45° - for IP68	-	834814	1
<b>KTPRIN68*</b>	Kit caps and clips for mounting recessed - for IP68	-	834807	1
<b>KTPRAP68*</b>	Kit caps and clips for mounting surface - for IP68	-	834791	1

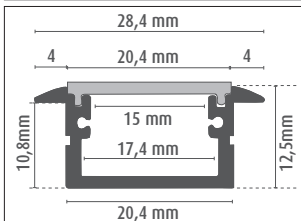
\* To be discontinued  
IP68 strip connector shall be installed outside the profile.

### PROFILES IP68



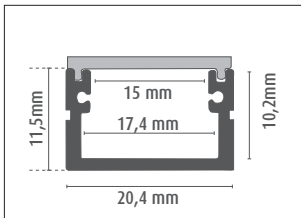
Corner mounting - 45°  
Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-colored.  
L=2000 mm

Mounting kit KTPRAN68: 10 clips,  
5 end caps without hole + 5 end caps with hole  
for the cable.



Recessed mounting.  
Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-colored.  
L=2000 mm

Mounting kit KTPRIN68: 10 clips,  
10 end caps without hole.



Surface mounting.  
Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-colored.  
L=2000 mm

Mounting kit KTPRAP68: 10 clips,  
5 end caps without hole + 5 end caps with hole  
for the cable.



## ADJUSTABLE SUPPORTS FOR PROFILES



SET OF TWO STEEL ADJUSTABLE SUPPORTS

art



**OR-DEV**

844004

1



SET OF TWO ALUMINIUM BRACKETS FOR PRAP68-2M PROFILES.

art



**OR-DEVKT68**

844028

1

## FLEXIBLE PROFILES: PRAPFLEX

### CHARACTERISTICS

Flexible extruded PMMA highly resistant profile with a white diffusing cover. Can be used to follow curved lines; minimum curve diameter 43 cm

### CAN BE USED WITH LED STRIPS WITH MAXIMUM WIDTH:

12 mm.

### MAXIMUM POWER:

10W/m

### INSTALLATION

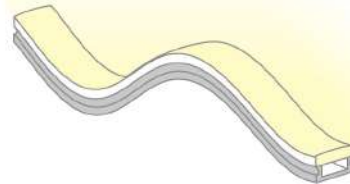
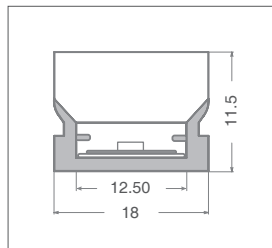
Surface installation. Attach using the clips provided.

### ACCESSORIES INCLUDED

Installation kit included 5 mt.: 10 steel clips, 5 side caps without hole and 5 side caps with holes for cabling.  
Installation kit included 20 mt.: 40 steel clips, 20 side caps without hole and 20 side caps with holes for cabling.

### PACKAGE

Available in two different lengths: L=5m or L=20m Spare accessories available with separate code



PARALLEL EMISSION  
TO THE PLANE

Cutting Project profiles to size\*:

fixed cost of piece work

VA04

\* Includes mounting accessories.



IP20

art.	Description	L1	H	L	8011905	
<b>PRAPFLEX5</b>	flexible PMMA profile and accessories	18	11,50	5000	844714	1
<b>PRAPFLEX20</b>	flexible PMMA profile and accessories	18	11,50	20000	844721	1



art	Description	8011905	
<b>PRAPFLEX-EC</b>	5+5 PC end caps	933494	1



art	Description	8011905	
<b>PRAPFLEX-CL</b>	5 sets of metal clips	933463	1



## FLEXIBLE PROFILES: PRAPFLEXVERT

### CHARACTERISTICS

Flexible extruded PMMA highly resistant profile with a white diffusing cover. PRAPFLEXVERT places the strip in a vertical position to the base for 'wall washer' lighting. Can be used to follow curved lines; minimum curve diameter 43 cm.

**CAN BE USED WITH LED STRIPS WITH MAXIMUM WIDTH:**

12 mm.

**MAXIMUM POWER:**

10W/m

### INSTALLATION

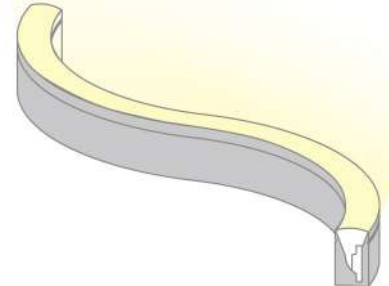
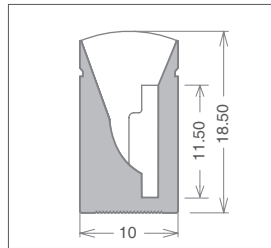
Surface installation. Attach using the clips provided.

### ACCESSORIES INCLUDED

Installation kit included 5 mt.: 10 steel clips, 5 side caps without hole and 5 side caps with holes for cabling. Installation kit included 20 mt.: 40 steel clips, 20 side caps without hole and 20 side caps with holes for cabling.

### PACKAGE

Available in lengths of 20 m. Spare accessories available with separate code.



VERTICAL EMISSION  
TO THE PLANE

Cutting Project profiles to size\*:

fixed cost of piece work

VA04

\* Includes mounting accessories.



art.	Description	L1	H	L	8011905	
<b>PRAPFLEX20-VERT</b>	flexible PMMA profile and accessories	10	18,50	20000	852474	1



art	Description	8011905	
<b>PRAPFLEXVERT-EC</b>	5+5 PC end caps	933470	1



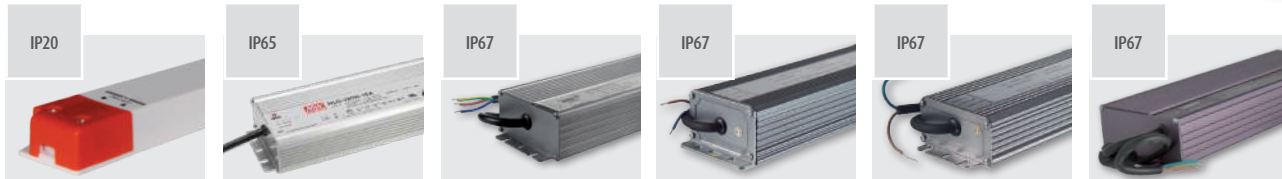
art	Description	8011905	
<b>PRAPFLEXVERT-CL</b>	5 sets of metal clips	933487	1
	(1 set for every 5 meters is recommended)		

# DURASTRIP DRIVERS

## DRIVERS ONLY FOR DURASTRIP

### CHARACTERISTICS

SELV equivalent; protection device in case of short circuit or overload in the secondary circuit. 24V drivers have loose wires connection and are TUV marked. 60W and 100W SL drivers are fit for use inside aluminium profiles where indicated.



art.	W	Volt IN	Volt OUT	PF	L	L1	L2	8011905	
<b>ZK7360</b>	60	200-240	24V DC	0,9	30	17	305	839581	1
<b>ZK73100-SL</b>	100	200-240	24V DC	0,9	30	18,5	320	843915	1



art.	W	Volt IN	Volt OUT	PF	L	L1	L2	8011905	
<b>ZK73100</b>	100	200-240	24VDC	0,9	46	39	212	833329	1
<b>ZK73200</b>	200	200-240	24VDC	0,9	62	37	221	833336	1
<b>ZK73320*</b>	320	100-240	24VDC	0,9	84	41,3	246	843588	1
<b>ZK73600T*</b>	600	100-240	24VDC	0,9	125	45	290	849894	1

\* Possibility to control output voltage.



art.	W	Volt IN	Volt OUT	PF	L	L1	L2	8011905	
<b>ZK73150-D</b>	150	200-240	24VDC	0,95	260	78	45	851316	1



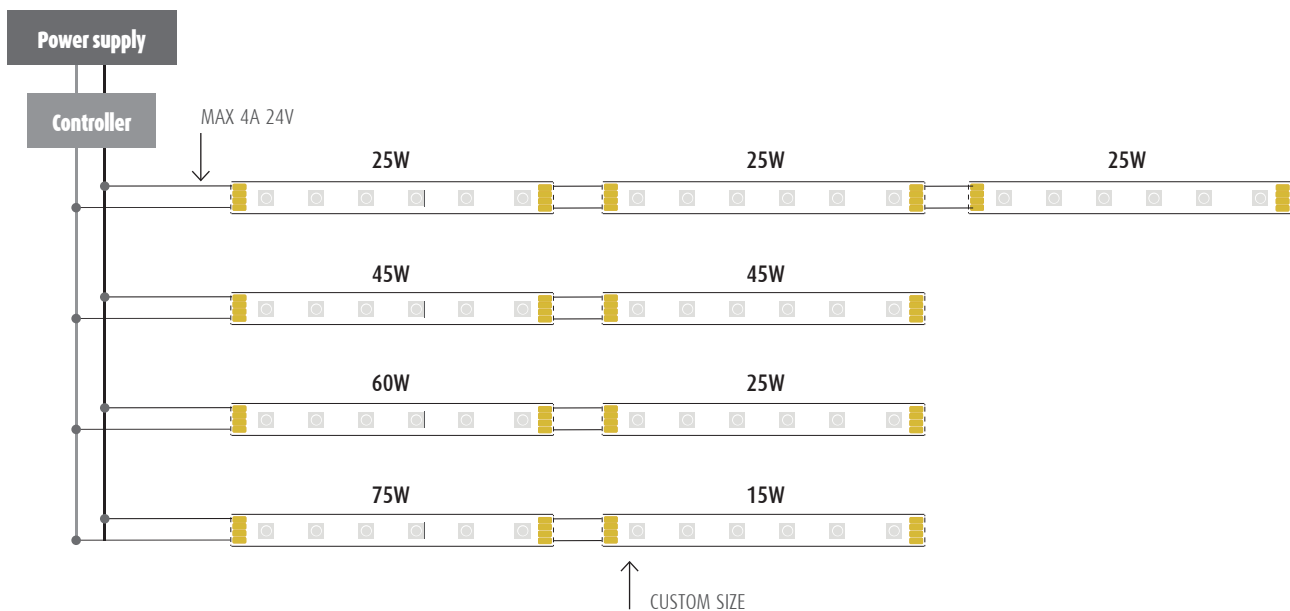
	art.	W/Volt IN	W/Volt IN	W/Volt OUT	PF	L	L1	L2	8011905	
New	<b>ELG-75-24DA-5Y</b>	75 (220V-240V)	60 (100V-120V)	24VDC	0,9	180	63	35,5	959456	1
New	<b>ELG-100-24DA-5Y</b>	96 (220V-240V)	70 (100V-120V)	24VDC	0,9	199	63	35,5	959449	1
New	<b>ELG-150-24DA-5Y</b>	150 (220V-240V)	105 (100V-120V)	24VDC	0,9	219	63	35,5	959432	1
New	<b>ELG-200-24DA-5Y</b>	200 (220V-240V)	150 (100V-120V)	24VDC	0,9	244	71	37,5	959425	1
New	<b>ELG-240-24DA-5Y</b>	240 (220V-240V)	180 (100V-120V)	24VDC	0,9	244	71	37,5	959418s	1

# CONNECTION DIAGRAM

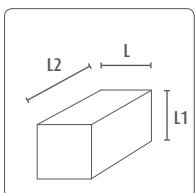


## ELECTRICAL CONNECTION: CONNECTIONS IN SERIES OR PARALLEL

strip power	L	connection	driver	note
75W	5m	-	100W	
75W	10m	Parallel	200W	Each 5m must be installed in parallel
75W	20m	Parallel	320W	
60W	5m	-	100W	
60W	10m	Parallel	200W	Each 5m must be installed in parallel
60W	20m	Parallel	320W	
40W/45W	10m	Series	100W	
40W/45W	15m	Parallel	200W	Each 10m must be installed in parallel
40W/45W	35m	Series and Parallel	320W	
25W	15m	Series	100W	
25W	20m	Parallel	100W	Each 15m must be installed in parallel
25W	60m	Series and Parallel	320W	



For further details on other connection configurations see the connection diagrams on the following pages.



**WE RECOMMEND TO USE THE POWER SUPPLIES FOR LED SOURCES INDICATED IN THE CATALOGUE.**

## CONTROL INTERFACE TO BE USED WITH DURASTRIP

Dimming and control systems can be used to improve the ambient aspect: they help creating special, different, soft and always lively atmospheres. Moreover, they have an important function of energy saving: by varying the emission and/or activating/deactivating the system or appliances, they allow optimising the presence of solar lighting.





### DALI CONTROLLER FOR DURASTRIP white light

art.	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	 8011905	
<b>ZKCD4</b>	10/CH	12-24V <sub>DC</sub>	12-24V <sub>DC</sub>	Screw	20	167	51	23	833367	1

2-channel controller.

### 1-10V CONTROLLER for DURASTRIP white light

art.	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	 8011905	
<b>ZKC1-10</b>	10	12-24V <sub>DC</sub>	12-24V <sub>DC</sub>	Screw	20	168	51	23	833374	1

It can be used with all White light Durastrips.



#### DALI INTERFACE

The DALI (Digital Addressable Lighting Interface) is a digital protocol interfacing with the power supplies. It is widely used in the lighting field as it provides visible benefits compared to the 1-10V analog control technology (it is essentially a flexible, digital control that allows addressing the single appliances).

The DALI protocol allows defining appliance units and managing the lighting sceneries, to create the right lighting of an ambient according to its use. Different lighting sceneries can be configured and enabled using a simple key, without involving the system wiring.

The DALI protocol is more simple and economic compared to the integrated management systems of a building (building management).

A DALI network can control up to 64 appliances/lamps.



#### 1-10V DIMMING INTERFACE

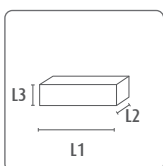
The 1-10V luminous intensity control system

runs with analog technology: 1 corresponds to 0% and 10 to 100% of the lamp emission.

The intensity can be adjusted by using the linear curve or logarithmic curve and it is the simplest system to install.

The connection is carried out by 2 polarity wires placed between the power supply and controller. It can be used with active or passive control systems.

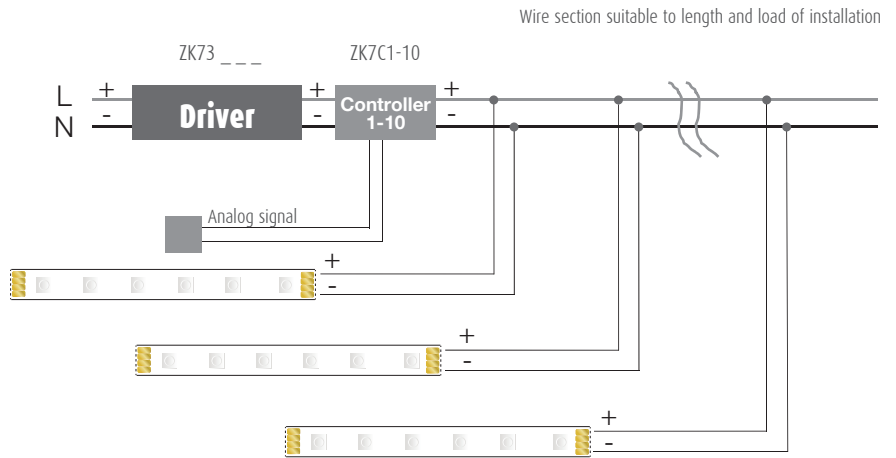
How to use DURASTRIP with our controllers? Here the indications of maximum power.		<b>DURASTRIP 24VDC</b>
	<b>ZKCD4</b>	240W/CH
	<b>ZKC1-10</b>	240W



# DURASTRIP WIRING DIAGRAMS

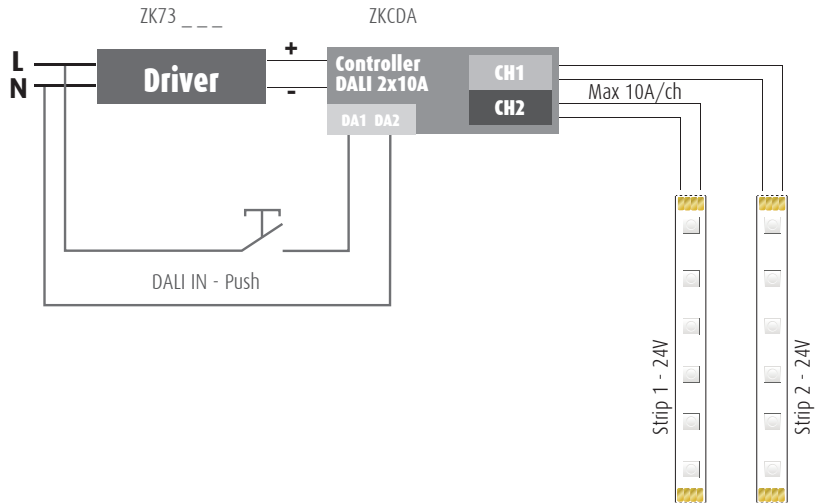
## DURASTRIP

CONTROLLERS:  
1-10V scheme



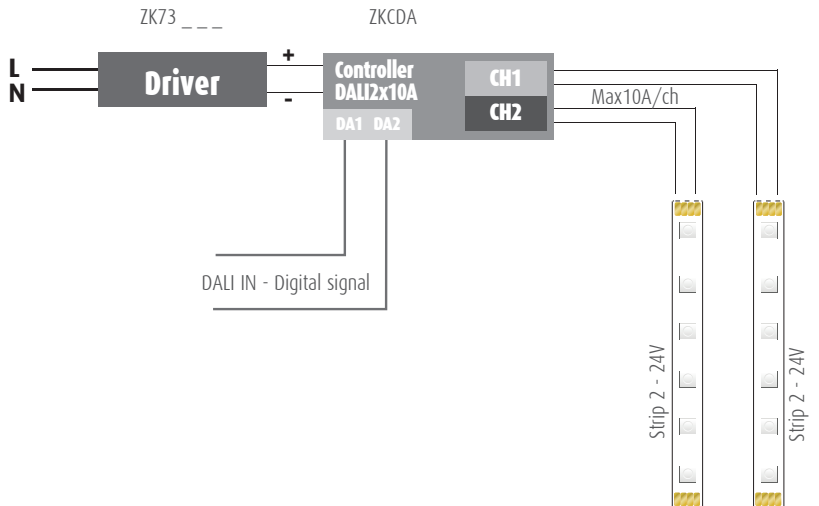
## DURASTRIP

CONTROLLERS:  
DALI scheme (Push)





## DURASTRIP

CONTROLLERS:  
DALI Scheme



## CONTROL INTERFACE TO BE USED WITH DURASTRIP



### DMX CONTROLLER FOR DURASTRIP RGB (or white on 3 channels)

art.	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	 8011905 
<b>ZKCDMX-R*</b>	5/CH	12-24V <sub>DC</sub>	12-24V <sub>DC</sub>	RJ45/Screw	20	178	42	33	838795 1

It can be used with all DuraStrip RGB, and white.

\* Version with RJ45 connector, which can be used in a traditional way or with remote control included in the package.

### DMX 4 CHANNELS CONTROLLER FOR DURASTRIP RGB+WHITE (or 4 channels)

art.	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	 8011905 
<b>ZKCDMXW</b>	5/CH	12-24V <sub>DC</sub>	12-24V <sub>DC</sub>	Screw	20	168	51	22	838942 1

Can be used with DuraStrip RGB+white.

Connection diagrams are available at [www.duralamp.it](http://www.duralamp.it) (in the product datasheet).

### PWM signal repeater for 4 channels white light strips

art.	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	 8011905 
<b>ZKREP-4CH</b>	5/CH	24V @ 480W	12-36V <sub>DC</sub>	Screw	20	178	46	22	862701 1
<b>ZKREP-4CH-IP</b>	5/CH	24V @ 480W	12-36V <sub>DC</sub>	Screw	67	181	74	38	862718 1



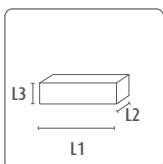
### DMX INTERFACE

DMX512, which abbreviation is DMX (Digital MultipleX), is a communication protocol mainly used to control lighting (even LED type), from computers or control units. It is normally used to control colored lighted or white lighted appliances (RGB) with variable temperature.

Thanks to the high transmission speed of the data, the DMX allows making dynamic and even complex sceneries. A DMX network consists in 512 channels; the number of appliances that can be controlled cannot be defined beforehand, as it depends on how many DMX channels each appliance uses. E.g., if every appliance of the DMX network uses 3 DMX channels, the network can contain 170 appliances.

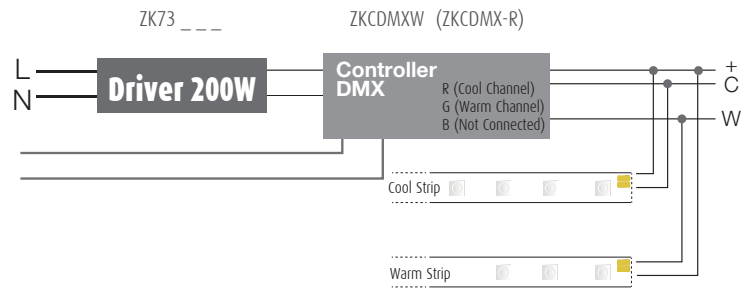
ZKCDMX-R code version: Equipped with RJ45 connector for DMX signal, complete with looping system and remote sensor with plug (20 cm cable). It can be used in a traditional way or with remote control included in the packaging (signal distance 10 mt in free air).

How to use DURASTRIP with our controllers? Here the indications of maximum power.		<b>DURASTRIP 24VDC</b>
	<b>ZKCDMX</b>	144W/CH
	<b>ZKCDMX-R / ZKCDMXW</b>	120W/CH



## DURASTRIP

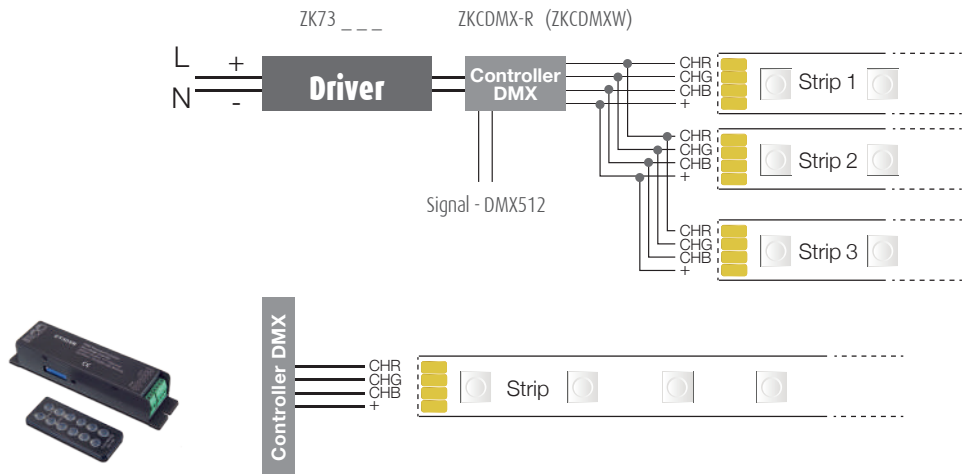
CONTROLLERS:  
DMX scheme  
linear system



Example of strip secondary unit

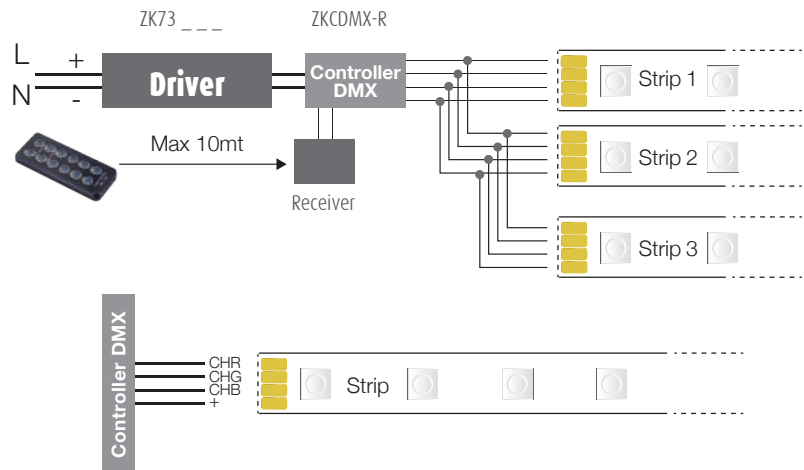
## DURASTRIP

CONTROLLERS:  
DMX Scheme



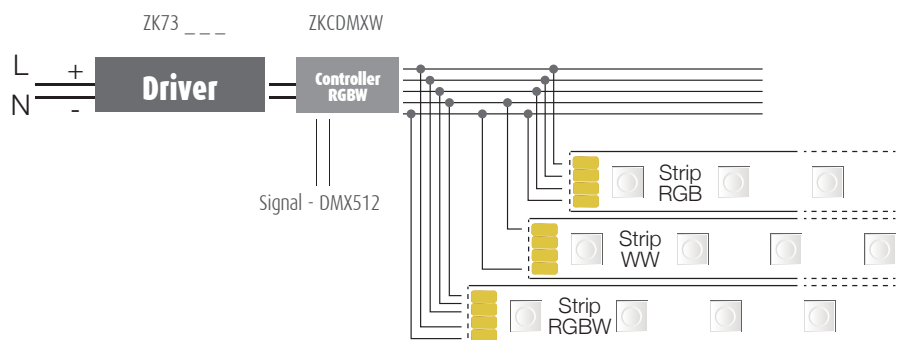
## DURASTRIP

CONTROLLERS:  
DMX IR Scheme



## DURASTRIP RGBW

CONTROLLER RGB+W  
(Cod. ZKCDMXW)



# WALL TOUCH DIMMER - DMX

## TYPE

Dimmers for DURASTRIP white, for DURASTRIP CTC, DURASTRIP RGB and RGB+white.

## CHARACTERISTIC

external interface in tempered glass with high touch sensibility, immediate response to touch and control precision. 4 zones can be controlled separately or synchronised.

Conforms with protocol DMX512(1990). Can be used with ZKCDMX, ZKCDMX-R, ZKCDMXW. Dimmer's driver included in the box (220-240Vac / 5Vdc).

Easy installation and intuitive use.



### DMX WALL TOUCH DIMMER FOR WHITE LIGHT DURASTRIP

art.	Input Voltage	Number of DMX channels	Number of areas	Number of scenes	L1	L2	L3	8011905	
<b>ZKTPC-DIM</b>	5Vdc	4	4	4	86	86	10	839635	1

Each channel can have 256 levels of light variation and 4 favourite scenes can be saved.

"Memory" function: the last color temperature chosen is recalled when the light is switched back on again; 3 scenes can be saved.

### DMX WALL DIMMER FOR CTC EFFECT

art.	Input Voltage	Number of DMX channels	Number of areas	Number of scenes	L1	L2	L3	8011905	
<b>ZKTPC-CTC</b>	5Vdc	8	4	3	86	86	10	839642	1

Each channel can have 256 levels of light variation and 3 favourite scenes can be saved.

"Memory" function: the last color temperature chosen is recalled when the light is switched back on again; 3 scenes can be saved.

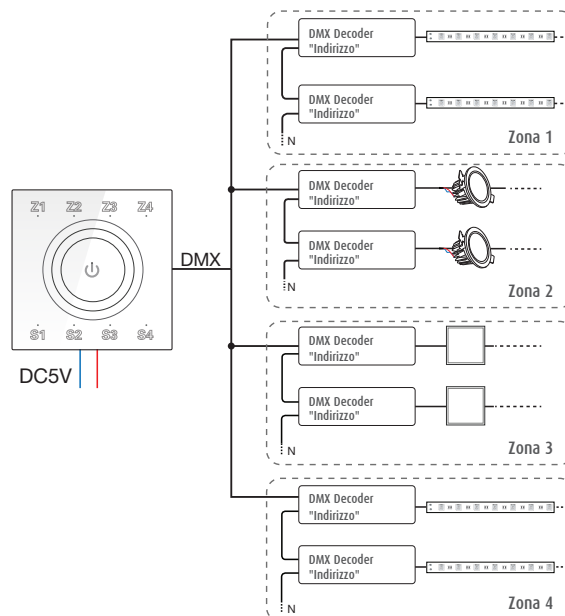
### DMX WALL TOUCH DIMMER FOR RGB - RGBW DURASTRIP

art.	Input Voltage	Number of DMX channels	Number of areas	Number of scenes	L1	L2	L3	8011905	
<b>ZKTPC-RGBW</b>	5Vdc	16	4	4	146	106	10	839659	1

"Memory" function: the last color level chosen is recalled when the light is switched back on; 4 favourite scenes can be saved.

Simultaneous or synchronous control of the RGB colors and white. 36 setting modes.

## DMX DIAGRAMM





## WALL MOUNTED TOUCH PAD DALI DIMMER

### TYPE

Dimmers for DURASTRIP white.  
 Conforms with DALI protocol IEC60929/IEC62386.  
 Can be used with ZKDA. Standby energy consumption <0.1W. Intuitive use.



**PLUG AND PLAY!**



DALI CONTROL PANEL: external interface in tempered glass with high touch sensibility, immediate response to touch and control precision. For wall recessed mounting.

art.	L1	L2	L3	8011905	
<b>DALI-ZKTPC</b>	86	86	10	844134	1



Controller DALI master

art.	L1	L2	L3	8011905	
<b>DALI-MASTER</b>	10,8	72,5	23,5	844141	1



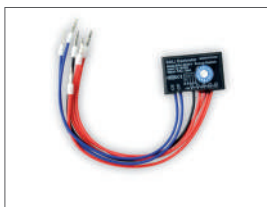
DALI bus power

art.	8011905	
<b>DALI-BUS</b>	844158	1



DALI group control switch: maximum 4 groups; step and continuous dimming; powered by a DALI bus; used like a normal light switch.

art.	8011905	
<b>DALI-SW-GRP</b>	844165	1



DALI scene control switch: maximum 4 scenes can be selected; powered by a DALI bus; is used like a normal light switch.

art.	8011905	
<b>DALI-SW-SCE</b>	844172	1

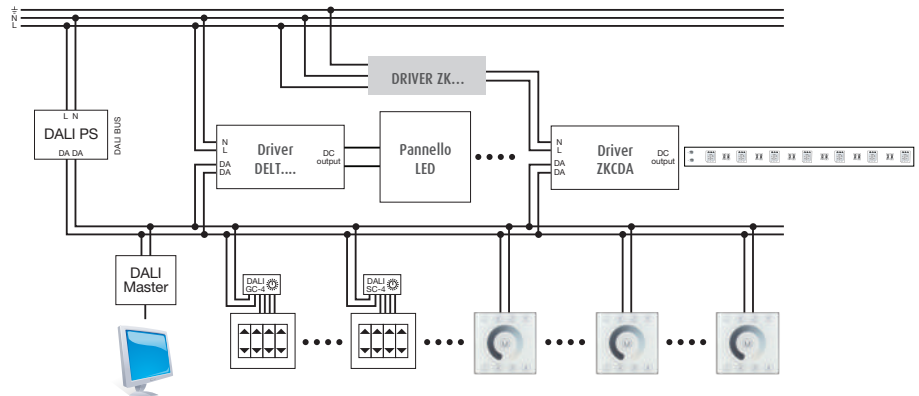


2 or 3 key switch for the DALI group control switch

art.	8011905	
<b>DALI-EXT-SW2</b>	844745	1
<b>DALI-EXT-SW3</b>	844189	1

# DURASTRIP WIRING DIAGRAMS

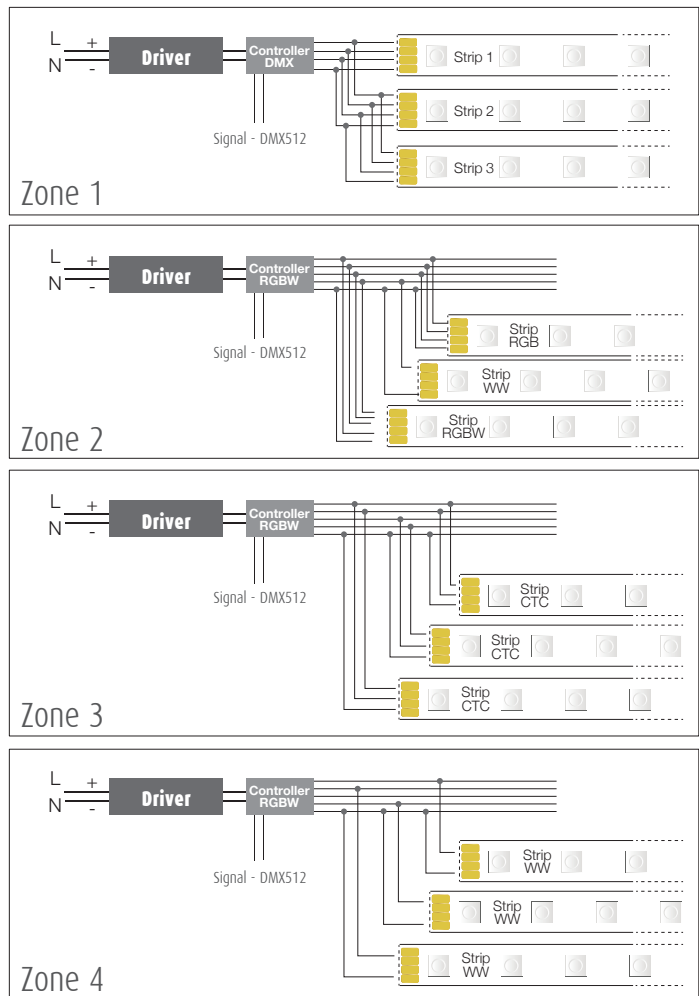
## DURASTRIP WALL MOUNTED TOUCH PAD DALI DIMMER



## DURASTRIP DIMMER TOUCH



Max power indications for the use of DURASTRIP with the controllers.





**DURASTRIP HIVOLT**

4000K





# TRADITIONAL SOURCES

# Halogen Lamps

## TYPE

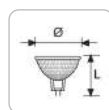
Low voltage and mains supply halogen lamps.

## CHARACTERISTICS

Excellent colour rendering, low cost, wide diffusion and easy to use. In addition to energy classes that reflect the limitations of the technology used that is now totally replaceable by more efficient LED models.



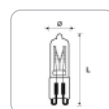
### HP MR16 Ø51 - HP High Performance



art.	W	lm	K	cd			Ø	L		8011905	
<b>01270HP</b>	25	295	3000	994	36°	GU5,3	51	45	B	835958	20
<b>01266HP</b>	35	520	3000	1687	36°	GU5,3	51	45	B	835965	20
<b>01269HP</b>	50	717	3000	1869	36°	GU5,3	51	45	B	835972	20



### BIPIN G9



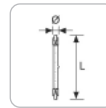
art.	W	lm	K		Ø	L		8011905	
<b>1D1904CH</b>	18	205	3000	G9	15	43	C	833435	10
<b>1D1902CH</b>	28	370	3000	G9	15	43	C	830144	10
<b>1D1903CH</b>	42	625	3000	G9	15	43	C	830182	10

Electronic and halogen lamps no longer in the catalogue: ask for the promotional price list.

# Halogen Lamps



## LINEAR J - MULTISPIRE WELDED



230V  
50/60Hz

2000h

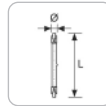
360°

UV STOP

art.	W	lm	K		Ø	L			
<b>01974-ES</b>	80	1380	3000	R7s-15	10	78	C	827731	25
<b>01982-ES</b>	80	1380	3000	R7s-15	10	118	C	828905	25
<b>01975-ES</b>	120	2220	3000	R7s-15	10	78	C	827748	25
<b>01983-ES</b>	120	2220	3000	R7s-15	10	118	C	828301	25
<b>01976-ES</b>	160	3085	3000	R7s-15	10	118	C	828295	25
<b>01990-ES</b>	160	3085	3000	R7s-15	10	78	C	833947	25
<b>01977-ES</b>	230	4650	3000	R7s-15	10	118	C	827755	25
<b>01987-ES</b>	400	8550	3000	R7s-15	10	118	C	827762	25



## LINEAR J Standard



230V  
50/60Hz

2000h

15°

UV STOP

art.	W	lm	K		Ø	L			
<b>01988</b>	1000	19100	3000	R7s-15	10	189	C	173425	25
<b>01989</b>	1500	29200	3000	R7s-15	10	254	C	173456	25

## INCANDESCENT LAMPS

### TYPE

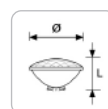
Incandescent lamps.

### CHARACTERISTICS

The majority of incandescent lamps have been banned by European directives. Only a few remain such as special purpose lamps - for use under water, in refrigerators and ovens and very low voltage lamps.



### PAR56 FOR SWIMMINGPOOL



12V  
50/60Hz



1000h



art.	W	lm	K		Ø	L			
<b>30012PAR56FL*</b>	300	4000	2700	screw/a vite	177	110	E	816278	6

Available also in LED version white and Color Changer with remote control.

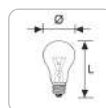
\* Special use lamp: use only inside suitable fittings. Max underwater depth: 1mt.

Electronic and halogen lamps no longer in the catalogue: ask for the promotional price list.

## INCANDESCENT LAMPS



### Pygmy



230V  
50/60Hz



1000h



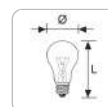
art.	W	lm	K		Ø	L			
<b>00120*</b>	15	70	2700	E14	25	57	E	018276	25
<b>00121**</b>	15	80	2700	E14	25	57	E	022082	25

\* Special use lamp, for ovens 300°.

\*\* Special use lamp, for refrigerators.



### Tubular



230V  
50/60Hz



1000h

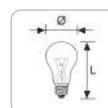


art.	W	lm	K		Ø	L			
<b>00108</b>	11	58	2700	E14	17	55	E	030148	25
<b>00127</b>	15	80	2700	B15d	17	57	E	819316	25

Special use lamp, for sewing machine.



### Tubolare



240/250V  
50/60Hz



1000h



art.	W	lm	K		Ø	L			
<b>1DTC40FC*</b>	40	280	2700	E14	25	85	E	040130	25

\* Special use lamp, for ovens 300°.



## COMPACT, LINEAR AND CIRCULAR FLUORESCENT LAMPS

### TYPE





Compact, circular and linear fluorescent lamps.

### CHARACTERISTICS

The best fluorescent and triphosphorous powders for maximum light colour control and light emission over time, good colour rendering and the excellent luminous efficiency. A wide reliable range for installation in professional contexts such and home environments.







### DURALUX S

art.	W	lm	K	Ra		Ø	L		 8011905	
<b>02007</b>	9	600	2700	>80	G23	34	167	A	051945	50
<b>02008</b>	11	900	2700	>80	G23	34	237	A	051952	50
<b>02002</b>	9	600	3000	>80	G23	34	167	A	190538	50
<b>02003</b>	9	600	4000	>80	G23	34	167	A	190521	50
<b>02004</b>	11	900	3000	>80	G23	34	237	A	190569	50
<b>02005</b>	11	900	4000	>80	G23	34	237	A	190552	50
<b>02065</b>	9	600	6000	>80	G23	34	167	A	801212	50
<b>02066</b>	11	900	6000	>80	G23	34	237	A	801229	50

Base: G23 - 2 Pins with built-in starter - Ra>80  
Available also in LED version.



### DURALUX D

art.	W	lm	K	Ra		Ø	L		 8011905	
<b>02018</b>	18	1200	2700	>80	G24d-2	40	153	B	051969	50
<b>02019</b>	26	1720	2700	>80	G24d-3	40	172	B	051976	50
<b>02014</b>	18	1200	3000	>80	G24d-2	40	153	B	190651	50
<b>02016</b>	26	1720	3000	>80	G24d-3	40	172	B	190682	50
<b>02015</b>	18	1200	4000	>80	G24d-2	40	153	B	190644	50
<b>02017</b>	26	1720	4000	>80	G24d-3	40	172	B	190675	50
<b>02069</b>	18	1200	6000	>80	G24d-2	40	153	B	801250	50
<b>02070</b>	26	1620	6000	>80	G24d-3	40	172	B	801267	50

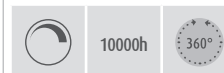
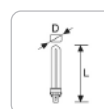
Base G24d - 2 Pins with built-in starter - Ra>80







## COMPACT, LINEAR AND CIRCULAR FLUORESCENT LAMPS



### DURALUX D/E

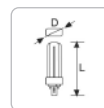






art.	W	lm	K	Ra		Ø	L		8011905		
<b>02024</b>	18	1200	3000	>80	G24q-2	40	146	A	190774	50	
<b>02026</b>	26	1720	3000	>80	G24q-3	40	165	A	190804	50	
<b>02025</b>	18	1200	4000	>80	G24q-2	40	146	A	190767	50	
<b>02027</b>	26	1720	4000	>80	G24q-3	40	165	A	190798	50	
<b>02073</b>	18	1200	6000	>80	G24q-2	40	146	A	801304	50	
<b>02074</b>	26	1620	6000	>80	G24q-3	40	165	B	006532	50	

Base: G24q - 4 Pins - Ra>80



### DURALUX T

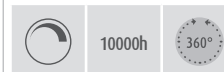
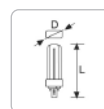






art.	W	lm	K	Ra		Ø	L		8011905		
<b>1D079783</b>	18	1200	3000	>80	GX24d-2	49	123	B	806392	10	
<b>1D077483</b>	26	1800	3000	>80	GX24d-3	49	138	A	806446	10	
<b>1D079784</b>	18	1200	4000	>80	GX24d-2	49	123	B	806408	10	
<b>1D077484</b>	26	1800	4000	>80	GX24d-3	49	138	A	806453	10	

Base: GX24d - 2 Pins with built-in starter - Ra>80 - Suitable for electromagnetic ballast



### DURALUX T/E



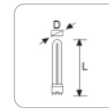
art.	W	lm	K	Ra		Ø	L		8011905		
<b>1D079883</b>	18	1200	3000	>80	GX24q-2	49	116	A	806415	10	
<b>1D080083</b>	26	1800	3000	>80	GX24q-3	49	131	A	806460	10	
<b>1D080183</b>	32	2400	3000	>80	GX24q-3	49	147	A	806484	10	
<b>1D080383</b>	42	3200	3000	>80	GX24q-4	49	168	A	806507	10	
<b>1D079884</b>	18	1200	4000	>80	GX24q-2	49	116	A	806439	10	
<b>1D080084</b>	26	1800	4000	>80	GX24q-3	49	131	A	806477	10	
<b>1D080184</b>	32	2400	4000	>80	GX24q-3	49	147	A	806491	10	
<b>1D080384</b>	42	3200	4000	>80	GX24q-4	49	168	A	806514	10	

Base: GX24q - 4 Pins - Ra>80 - Suitable for electronic ballast

## COMPACT, LINEAR AND CIRCULAR FLUORESCENT LAMPS







### DURALUX L



10000h

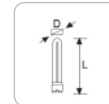


art.	W	lm	K	Ra		Ø	L		 8011905	
<b>1D1018K3</b>	18	1200	3000	>80	2G11	43	228	A	041564	10
<b>1D1024K3</b>	24	1800	3000	>80	2G11	43	320	A	041519	10
<b>1D1036K3</b>	36	2900	3000	>80	2G11	43	415	A	041526	10
<b>1D1018K4</b>	18	1200	4000	>80	2G11	43	228	A	041571	10
<b>1D1024K4</b>	24	1800	4000	>80	2G11	43	320	A	041588	10
<b>1D1036K4</b>	36	2900	4000	>80	2G11	43	415	A	041595	10

Base: 2G11 - 4 Pins - Ra>80 - Suitable for electromagnetic or electronic ballast.







### DURALUX L/E



10000h



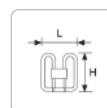
art.	W	lm	K	Ra		Ø	L		 8011905	
<b>1D0777K3</b>	55	4650	3000	>80	2G11	43	542	A	041618	10
<b>1D0777K4</b>	55	4650	4000	>80	2G11	43	542	A	041632	10

Base: 2G11 - 4 Pins - Ra>80 - Suitable for electronic ballast

## COMPACT, LINEAR AND CIRCULAR FLUORESCENT LAMPS



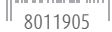



### DURAFLY



15000h



art.	W	lm	K	Ra		L	H		 8011905	
<b>1D10104P</b>	10	650	2700	>80	GR10q	90	90	A	048440	20
<b>1D10164P</b>	16	1060	2700	>80	GR10q	132	135	A	046590	20
<b>1D10162P</b>	16	1060	2700	>80	GR8	132	135	B	046583	20
<b>1D10224P</b>	21	1350	2700	>80	GR10q	132	135	A	046651	20
<b>1D10284P</b>	28	2050	2700	>80	GR10q	200	200	A	046682	20
<b>1D10114P</b>	10	650	4000	>80	GR10q	90	90	A	048457	20
<b>1D10184P</b>	16	1060	4000	>80	GR10q	132	135	A	046613	20
<b>1D10172P</b>	16	1060	4000	>80	GR8	132	135	B	046606	20
<b>1D10244P</b>	21	1350	4000	>80	GR10q	132	135	A	046675	20
<b>1D10294P</b>	28	2050	4000	>80	GR10q	200	200	A	046699	20
<b>1D10394P</b>	38	2700	4000	>80	GR10q	200	200	A	046712	10

DURAFLY lamps are all available in blister pack only.

GR10q socket, 4 pin versions: can be used with light dimmers if equipped with suitable electronic ballast.







### Mini T5



10000h



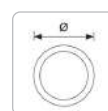
art.	W	lm	K	Ra		Ø	L		 8011905	
<b>0633M</b>	6	280	4300	>65	G5	16	212	B	017972	10
<b>0833M</b>	8	400	4300	>65	G5	16	288	B	017989	10
<b>1333M</b>	13	700	4300	>65	G5	16	517	B	018009	10
<b>0654M</b>	6	230	6100	>75	G5	16	212	B	017934	10
<b>0854M</b>	8	350	6100	>75	G5	16	288	B	017958	10
<b>1354M</b>	13	610	6100	>75	G5	16	517	B	017996	10

Can be used with light dimmers if equipped with special electronic ballast.

## COMPACT, LINEAR AND CIRCULAR FLUORESCENT LAMPS






### T9 Triphosphor Circular



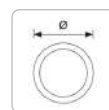
10000h

360°

art.	W	lm	K	Ra		Ø	L		8011905	
<b>2284T</b>	22	1435	4100	>80	G10q	208	29	A	818142	12
<b>3284T</b>	32	2415	4100	>80	G10q	300	29	A	818166	12
<b>4084T</b>	40	3160	4100	>80	G10q	400	29	A	818180	12
<b>2286T</b>	22	1360	6500	>80	G10q	208	29	A	818159	12
<b>3286T</b>	32	2245	6500	>80	G10q	300	29	A	818173	12
<b>4086T</b>	40	2950	6500	>80	G10q	400	29	A	818197	12

29 mm. - Base 4 pin G10q



### T9 Triphosphor Circular DOUBLE PACK



24000h

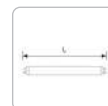
360°



art.	K	Ra		8011905	
<b>3222/84 set</b>	4100	>80	G10q	828721	12
<b>3222/86 set</b>	6500	>80	G10q	828738	12






### Triphosphor T8



24000h

360°

art.	W	lm	K	Ra		Ø	L		8011905	
<b>1883T</b>	18	1350	3000	>80	G13	26	590	A	018047	25
<b>3683T</b>	36	3350	3000	>80	G13	26	1200	A	018085	25
<b>5883T</b>	58	5200	3000	>80	G13	26	1500	A	018122	25
<b>1584T</b>	15	1050	4000	>80	G13	26	438	A	829872	25
<b>1884T</b>	18	1350	4000	>80	G13	26	590	A	018030	25
<b>3084T</b>	30	2400	4000	>80	G13	26	895	A	818135	25
<b>3684T</b>	36	3350	4000	>80	G13	26	1200	A	018078	25
<b>5884T</b>	58	5200	4000	>80	G13	26	1500	A	018115	25
<b>1586T</b>	15	1050	6500	>80	G13	26	438	A	828356	25
<b>1886T</b>	18	1300	6500	>80	G13	26	590	A	018023	25
<b>3086T</b>	30	2400	6500	>80	G13	26	895	A	818128	25
<b>3686T</b>	36	3250	6500	>80	G13	26	1200	A	018061	25
<b>5886T</b>	58	5000	6500	>80	G13	26	1500	A	018108	25

Ø 26 mm. - Base: G13  
Available also in LED version.

## COMPACT, LINEAR AND CIRCULAR FLUORESCENT LAMPS







### DFH Triphosphor T5



24000h



art.	W	lm	K	Ra		Ø	L		 8011905	
<b>1483FH</b>	14	1230	3000	>80	G5	16	549	A+	322847	25
<b>2183FH</b>	21	1910	3000	>80	G5	16	849	A+	322878	25
<b>2883FH</b>	28	2640	3000	>80	G5	16	1149	A+	322908	25
<b>3583FH</b>	35	3320	3000	>80	G5	16	1449	A+	322939	25
<b>1484FH</b>	14	1230	4000	>80	G5	16	549	A+	322830	25
<b>2184FH</b>	21	1910	4000	>80	G5	16	849	A+	322861	25
<b>2884FH</b>	28	2640	4000	>80	G5	16	1149	A+	322892	25
<b>3584FH</b>	35	3320	4000	>80	G5	16	1449	A+	322922	25

Ø 16 mm. - Base: G5 - For electronic ballast







### DFQ Triphosphor T5



24000h



art.	W	lm	K	Ra		Ø	L		 8011905	
<b>4983FQ</b>	49	4320	3000	>80	G5	16	1449	A+	823153	25
<b>4984FQ</b>	49	4320	4000	>80	G5	16	1449	A+	823856	25



Ø 16 mm. - Base: G5 - For electronic ballast

## COMPACT, LINEAR AND CIRCULAR FLUORESCENT LAMPS



### STARTER

220-240V  
50/60Hz

art.	W	Ø	L	 8011905	
<b>AST-480</b>	220 ÷ 240V	4 ÷ 65	20	37	810696 250
<b>AST-480S</b>	220 ÷ 240V	4 ÷ 65	20	37	805258 250
<b>AST-422S</b>	110 ÷ 130V    220 ÷ 240V	4 ÷ 22	20	37	805241 250

With capacitor

## Table of use

art	Connection 230V	FOR LINEAR LAMPS									FOR DURALUX L	
		W	W	W	W	W	W	W	W	W	W	
		4	10	15	18	22	30	38	36	58	18	36
		6	13	16	20		32		40	65	24	
		8										
<b>AST-480S SUPER</b>	single	●	●	●	●	●	●	●	●	●	●	●
<b>AST-480 Standard</b>	single	●	●	●	●	●	●	●	●	●		
<b>AST-422S Series*</b>	in series	●		●	●	●						

\*Also for 110-130V single circuit

# DISCHARGE LAMPS

## TYPE

Discharge lamps.

## CHARACTERISTICS

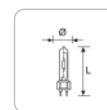
Product reliability: this is what the entire range of Duralamp discharge lamps has in common. Used in technical and professional installations where relamping is often difficult, discharge lamps must be lamps you can depend upon.

## NB

The HYPERCOLOR range with ceramic burners: excellent control of colour uniformity, colour rendering and colour stability over time.







### HyperColor G12 - Ceramic burner



15000h

360°

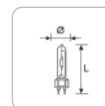
art.	W	lm	K	Ra		Ø	L		 8011905	
<b>DU-01122</b>	35	3400	3000	>84	G12	30	100	A+	826598	12
<b>DU-01123</b>	70	6200	3000	>80	G12	30	100	A+	826604	12
<b>DU-01125</b>	70	6300	4200	>90	G12	30	100	A+	826611	12
<b>DU-01124*</b>	150	14000	3000	>80	G12	30	105	A+	826628	12

Working with external ballast and ignitor - European production

\* Lifetime: 12000 hours



### HyperColor G8,5 - Ceramic burner







12000h

360°

LIV STOP



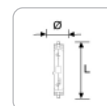
art.	W	lm	K	Ra		Ø	L		 8011905	
<b>DU-01128*</b>	35	3400	3000	>84	G8,5	14,5	85	A+	826574	12
<b>DU-01129*</b>	70	6200	3000	>80	G8,5	14,5	85	A+	356301	12

Working with external ballast and ignitor - European production

\* Lifetime: 15000 hours







### HDI-TS - Metal halide



9000h

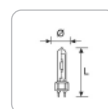
45°

art.	W	lm	K	Ra		Ø	L		 8011905	
<b>1D001100</b>	70	5500	3000/WDL	>65	RX7s	23	121	A	041687	10
<b>1D001110</b>	70	5500	4200/NDL	>65	RX7s	23	121	A	041700	10
<b>1D001101</b>	150	12700	4200/NDL	>65	RX7s	26	138	A	041717	10
<b>1D001111</b>	150	12700	3000/WDL	>65	RX7s	26	138	A	041694	10

## DISCHARGE LAMPS



### HDI-T G12 - Metal halide



6000h

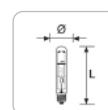
360°

art.	W	lm	K	Ra		Ø	L		8011905	
<b>1D120NDL</b>	70	5000	4200/NDL	>65	G12	30	100	A	041786	12
<b>1D120WDL</b>	70	5000	3000/WDL	>65	G12	30	100	A	041762	12
<b>1D121NDL</b>	150	12000	4200/NDL	>65	G12	30	105	A	041793	12
<b>1D121WDL</b>	150	12000	3000/WDL	>65	G12	30	105	A	041779	12

Clear tubular, working with external ballast and ignitor



### HDI-T E40 - Metal halide



10000h

360°

art.	W	lm	K	Ra		Ø	L		8011905	
<b>1D139NDL*</b>	400	34000	4200/NDL	>65	E40	63	280	A	041854	12

Clear tubular, working with external ballast and ignitor

\* Compatible also with 750 - 1000V ignitor.



### HDI-E/C Metal halide



10000h

360°



art.	W	lm	K	Ra		Ø	L		8011905	
<b>1D134NDL</b>	100	8000	4200/NDL	>65	E27	58	145	A	042004	12
<b>1D135NDL</b>	150	12500	4200/NDL	>65	E27	58	145	A	042011	12

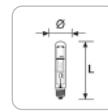
Clear Elliptical, working with ballast and external ignitor



## DISCHARGE LAMPS






### HDS - High Pressure sodium - Tubular



24000h

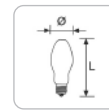


art.	W	lm	K	Ra		Ø	L		8011905	
<b>10SD070T</b>	70	6500	2000	>20	E27	39	155	A+	042257	12
<b>10SD100T</b>	100	10000	2000	>20	E27	39	160	A+	805562	20
<b>10SD100TT</b>	100	10000	2000	>20	E40	47	211	A+	812133	20
<b>10SD150T</b>	150	16500	2000	>20	E40	46	211	A+	042264	12
<b>10SD250T</b>	250	31250	2000	>20	E40	47	255	A+	042271	12
<b>10SD400T</b>	400	54000	2000	>20	E40	47	285	A+	042288	12

Clear tubular, working with external ballast and ignitor






### HDS - High Pressure sodium - Elliptical



24000h

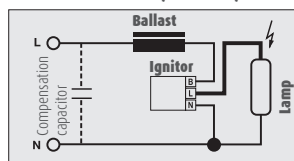


art.	W	lm	K	Ra		Ø	L		8011905	
<b>10SD070E</b>	70	6400	2000	>20	E27	55	148	A+	042295	12
<b>10SD100E</b>	100	9500	2000	>20	E27	62	155	A+	809188	20
<b>10SD150E</b>	150	16300	2000	>20	E40	90	211	A+	042301	12
<b>10SD400E</b>	400	52000	2000	>20	E40	122	275	A+	045463	12

Powdered Elliptical, working with ballast and external ignitor

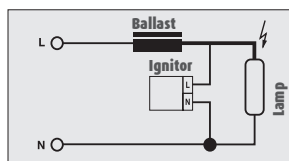
## Wiring diagram for discharge lamps

HDI-TS HDI-T HDI-E/C HDI-E/P HDS



Single circuit wiring

HDI-T\*



Single circuit wiring

\* Compatible also with 750 - 1000V ignitor



# **INFO AND TECHNICAL DATA**

# GREEN ME

## DURALAMP and the packaging revolution: + green + safe!



**NO PLASTIC FILM**



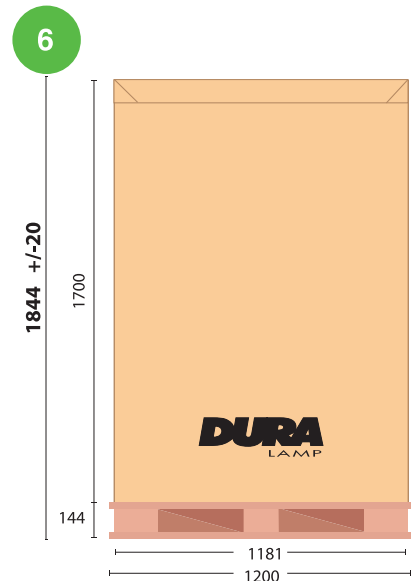
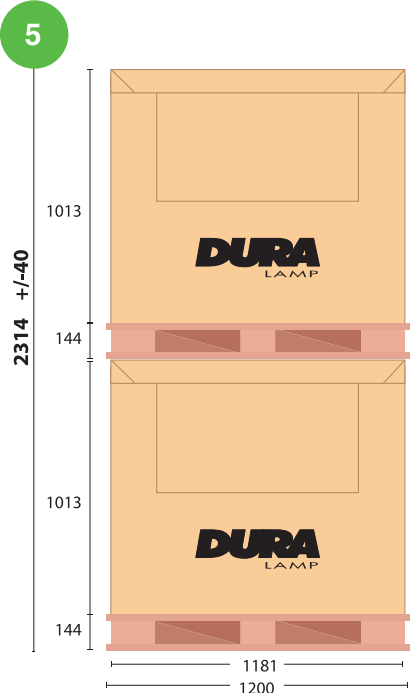
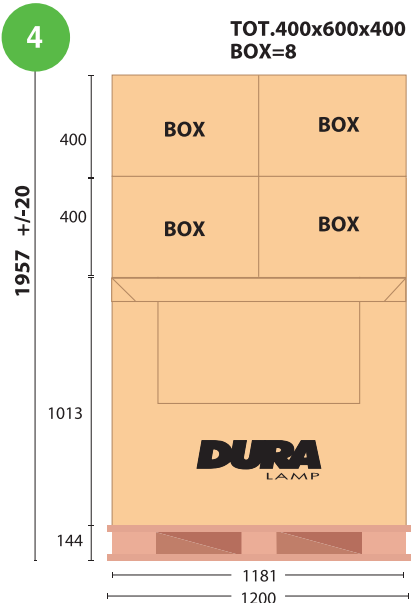
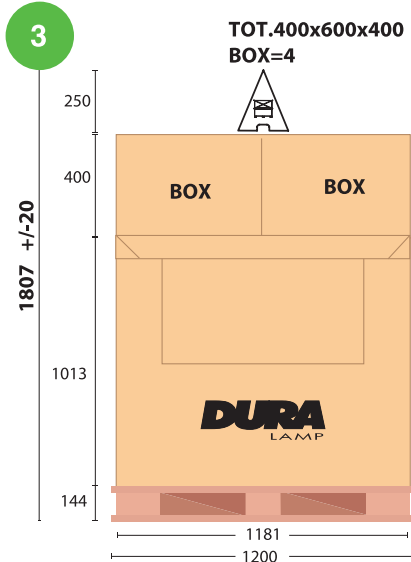
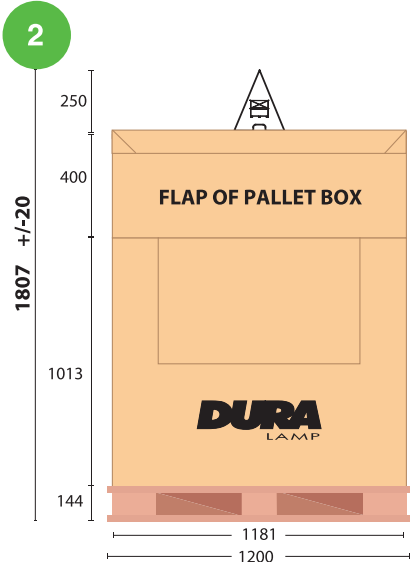
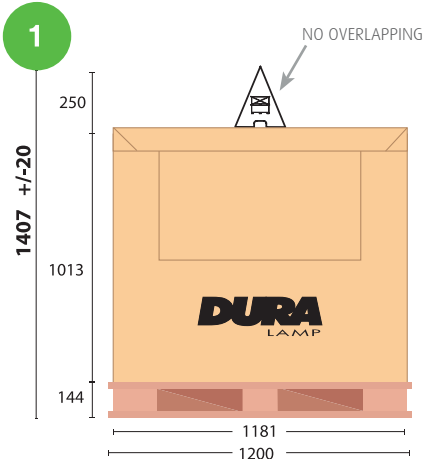
**NO TAPE**



**OVERLAPPING**



**PROTECTIVE BIODEGRADABLE HOOD**



## DURALAMP contributes to a cleaner world ... while ensuring safer shipments.

Together with a leading company specialized in paper packaging, we studied some packaging solutions that guarantees a **safer shipments** of our products, while pursuing our desire to actively contribute to the **elimination of plastic materials in favor of recyclables**.

The new type of packaging for 120x80 pallets includes a **high cardboard box, SUPERBOX**, with central loading; a **'hood' in compostable material\*** to replace the shrink plastic film, and a **strap**, instead of the plastic adhesive tape (straps are less in quantity and also separate from paper allowing a correct paper recycling).

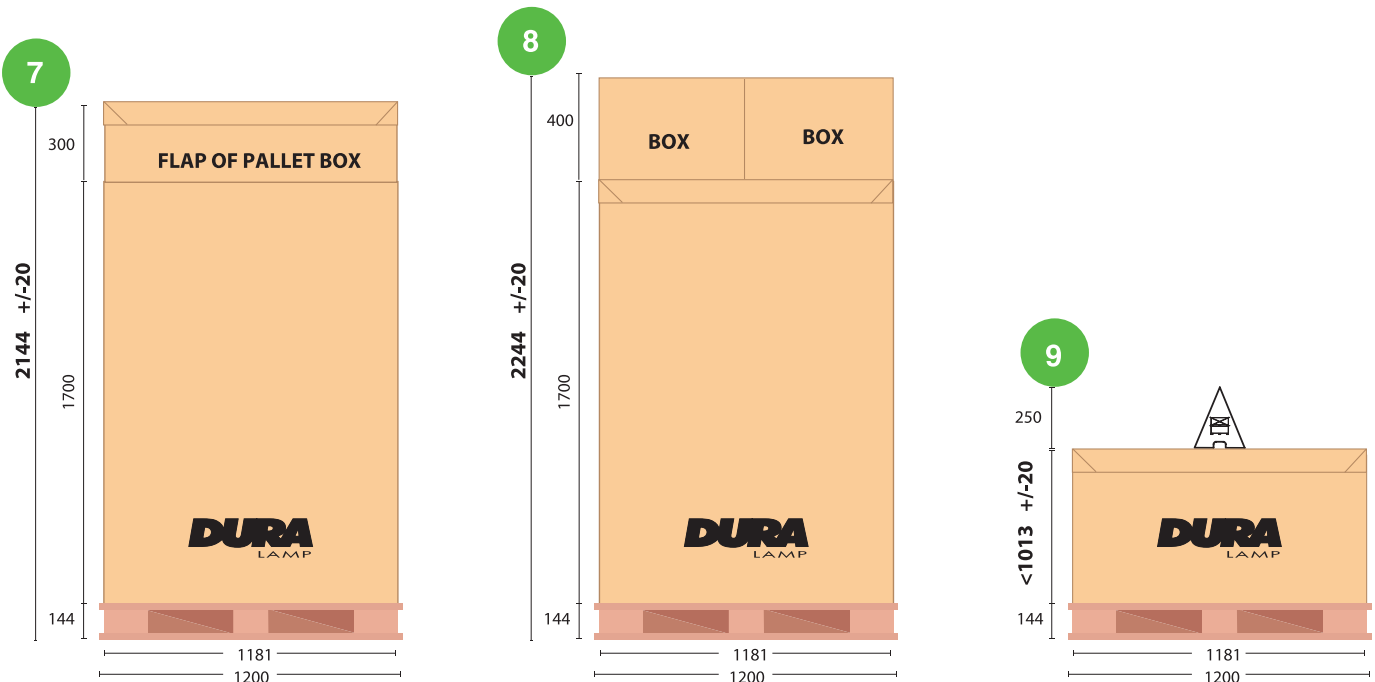
To take advantage of these new opportunities for most pallet shipments various packaging solutions have been studied **to optimize volumes and obtain compact shipments**.

With this new palletization, products with a height of up to 170 cm (e.g. tubes) will be shipped vertically, **fully protected** inside a package complete with a robust closing cap. To better protect shipments, **'no overlapping triangles'** will be placed on all pallets less than 2 meters high to prevent other goods to be stocked on top and risking to damage our products.

The new Superbox has already arrived in the warehouse and we **already started** adopting it for all shipments with pallets.



SUPERBOX: The standard height is 1 meter but there are many packaging options, see the examples on the back



\* Compliant with EN13432 with OK COMPOST certificate n. TA8011400928, issued by TUV Austria on 13/08/2018.

# KEY

## PRODUCT CATEGORY KEY

<b>BASIC</b>	Ideal products for markets of consumers who desire a LED product and are seeking the most convenient solution in terms of its cost.
<b>PLUS</b>	Articles with outstanding performance and the best quality-price ratio, the best solution for the majority of applications.
<b>PRO</b>	Products for specific applications and top-level features, especially appreciable by industry professionals.
<b>PROJECT</b>	The articles identified as PROJECT are high-tech articles. Stock is often limited to a few demonstration items and production is activated for specific projects and quantities.

## LED WARRANTY SPECIFICATIONS KEY















### Warranties on all LED fixtures and LED lamps:

<b>G2</b>	Up to 2 years (4000h/year)*	*4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
<b>G3</b>	Up to 3 years (4000h/year)*	*4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
<b>G4<sub>/h24</sub></b>	Full Guarantee 4 years (24h/24h)	h24, provides Total Warranty! The winning element for great projects.
<b>G5<sub>/h24</sub></b>	Full Guarantee 5 years (24h/24h)	h24, Total Warranty up to 5 years use!

The specific guarantee that each item enjoys is clearly indicated in the catalog and is subject to compliance to the limitations of use. For details, refer to [www.duralamp.it](http://www.duralamp.it) or contact the sales force.

# KEY

## TABLE PAGES KEY

W	Rated watts for lamps or fixtures
V	Lamp or fixture voltage
lm	Lumen: unit of measurement of the flux emitted by a lamp or fixture. In the case of DURALAMP'S fixtures it indicates the real emission of the fixture in stable conditions. This data is the same used in the photometrics for lighting calculations.
K	K= Kelvin colour temperature indicated in Kelvin.
COLOUR NM	Colour in nanometres, unit of spatial measurement of wavelengths of visible/invisible radiation.
	Lamp cap
PF	Power Factor
	Beam opening
Ø/L1/L2/L3	Diameter and other dimensions expressed in mm except where otherwise indicated.
	Weight of single item article in grams (except where otherwise indicated)
	Minimum packaging: complying with packaging quantities when ordering speeds orders and ensures greater safety of goods.
	Class I Fixture- Fixture with protective earthing
	Class II Fixture – Fixture with double insulation, no earthing required
	Class III Fixture – Low voltage fixture, no earthing required
	Can be used in the open air, in open fixtures and without protective glass
	Only use in fixtures fitted with protective glass
	Elimination of UV rays.
	Do not cover with insulating material
	Can be used with a dimmer. A list of compatible dimmers is found in individual product files on the web site.
	Not to be used with a dimmer.
	Adjustable
UGRxx	UGRxx: Indicates the degree of glare: the lower the number, the lower the glare
Ra>XX	Colour Rendering Index
XX000h	Operating life in hours indicated as L70 or L50, always measured at 25° room temperature AT. The lifespan is modified substantially with a rise in temperature.

## KEY

LXO	Operating life of a LED fixture or lamp maintaining the indicated flux: L70= 70% flux; L50= 50% flux.
IK08	IK Code, International Protection Marking, classifies and rates the degree of protection for light fixtures against external mechanical impact. IK01 0,15 Joule IK02 0,20 Joule IK03 0,35 Joule IK04 0,5 Joule IK05 0,7 Joule IK06 1,00 Joule IK07 2,00 Joule IK08 5,00 Joule IK09 10,00 Joule IK10 20,00 Joule
IPXX	IP Code, International Protection Marking, classifies and rates the degree of protection for light fixtures against the intrusion of solid particles (first number) and water (second number). IP20 protected against solid objects up to Ø 12 mm. IP23 protected against solid objects up to Ø 12 mm and sprays of water. IP40 protected against solid objects over Ø 1 mm. IP43 protected against solid objects over Ø 1 mm and sprays of water. IP44 protected against solid objects over Ø 1 mm and splashed water. IP54 protected against dust and splashed water. IP55 protected against dust and low pressure jets of water. IP65 Totally protected against dust and low pressure jets of water. IP66 Totally protected against dust and strong jets of water. IP67 Totally protected against dust and temporary immersion. IP68 Totally protected against dust and immersion in water (with an indication of the permitted depth in metres).
IPVI IPVO	IP rating of the internal housing side (VI) and Optic side IP rating (VO)

All measurements are expressed in mm except where expressly indicated.

## NB

Available on order: the message "Available on order" often appears in the catalogue. We've added it to offer our customers the broadest choice option. Careful though: if an article is available "on order", it means that it is not readily available in stock and only minimum quantities are available for purchase. We therefore recommend that you contact sales for further details.



### CERTIFIED QUALITY

All Duralamp products are CE marked, ie they comply with all applicable European Directives. The UL mark is issued after certification of the product by third parties such as UL, an independent, non-governmental and non-profit organisation whose mission is to ensure that products conform to standards set by ANSI, the American National Standards Institute. UL certification is therefore a Quality and Safety mark and is required for products to be used in the United States and countries that make reference to the same standards.

The EAC mark is the Euroasian Conformity mark required for exporting products to the Customs Union of Russia, Belarus, Armenia, Kazakhstan, Kyrgyzstan. It is comparable to the CE mark and refers to the declaration of compliancy to the technical standards required by the Eurasian Customs Union.

### CERTIFIED COMPANY



Targetti operate under ISO 9001, an international reference standard for quality management of all company processes.



# TECHNICAL ANALYSIS

lm

## FLUX AND EFFICIENCY

Luminous Flux and Efficiency represent the key information for the evaluation of the performance of a product. What do they represent exactly? Luminous flux represents the emission of the LED source, that is the total amount of light produced by the light source. Efficiency represents the ration between the emission and the power absorbed by the source, that is the total amount of emitted light divided per the energy consumed by the LED source. Nowadays there is not a sole way of publishing these data, each company on the market makes its own choice. This means that catalogues of different companies publish different kinds of information, ranging from the data declared by LED producers to values referable to the LED source in peculiar conditions, but also to values that take into account the "loss" due to reflectors, lenses, drivers and so on. In general, the most reliable data is the value measured on the fixture in its effective usage conditions. In order to let our customers have a clearer idea of the declared data, Duralamp specifies for each LED fixture both its effective flux/efficiency values and the values directly referable to the source, as declared by the producer. The purpose of this methodic choice is to simplify the understanding of the data, and, consequently, to provide our customer the immediate possibility of comparison among Duralamp lighting fixtures and those by other brands. The rapid technical progress of LED sources results in continuous changes in terms of luminous flux and, consequently, efficacy. The information provided by the catalogue should therefore be referred to the date of publication - for regularly updated information please visit the site web.

L70

## LED LIFESPAN

LED lamps, unlike traditional lamps do not suddenly stop working but gradually decrease their initial flow unless there are defects or electric shocks. A LED lamp is considered to be no longer functioning it reaches 70% of their initial flow (L70). Life tests are performed following standard IES LM-80. The life span of LED lamps is strongly influenced by the lamps operating temperature once they are installed in fixtures. Duralamp fixtures are designed to have a very low LED operating temperature to ensure the lamps have a very long lifespan.

According to the IEC / PAS 62717 standard, the useful life of a LED can be defined with an additional parameter, for example 50'000h L80B10, meaning the period of time (50'000h) in which 10% (B10) of the LED products of the same type has gradually fallen below 80% of the initial nominal flux.

L80 B10

TC

## TEMPERATURE AND PERFORMANCE

The working temperature of a LED source has a significant effect on its useful life, maintenance of luminous flux and efficiency. Correct temperature management, i.e. thermal management of the power in use is a crucial factor in ensuring the performance and reliability of products.

The main characteristic to determine reliability of a product and consistency of performance is measuring the junction temperature (Tj), that can be measured indirectly as luminous flux and the useful life are linked to this parameter. Tj values between 60°C and 90°C allow you to have products with high reliability, performance and estimated lifespans that adhere to market demands. Careful attention must be paid when reading the declared data given that LED manufacturers provide data on the flux at a temperature of Tj 25°C, a condition that is not physically possible for normal use where the LED source is turned on and tested in a fraction of a second and does not produce any heat. Duralamp products are measured and characterised for thermal stability to provide real data on everyday use for the catalogue and users. Well-designed fixtures that ensure proper dissipation also ensure constant flow, colour and spectrum parameters as well as reliability and durability in the declared lifespan.



## COLOUR CONSISTENCY

LED lamps have extensive production tolerances in relation to chromaticity. For years Duralamp has only used lamps with colour consistency that is measured using the MacAdam Ellipse system. This allows for absolute repeatability of the colour characteristics compared to the binning based system. LED lamps used by Duralamp are at least 3-steps of MacAdam (3SDCM).

Ra

## COLOUR RENDERING INDEX CRI or Ra

The colour rendering index CRI indicates the ability of a light source to reveal colours faithfully. Lighting a coloured object with two sources with different CRI will reveal different colours depending on the source used. It is important not to confuse the CRI with data relating to the colour temperature of a source (expressed in K); two sources with the same colour temperature can have different colour rendering indexes. The CRI strongly influences the efficiency of a LED source and many times lighting designers have to choose between the quality and quantity of light. The LED sources that are fitted in products in the Duralamp collection normally have a colour rendering index that reaches CRI 85. In some case there are also sources with a high colour rendering index (CRI>95).

TM30

## New TM30 Standard - a more precise colour definition

It is evident that a single index is not sufficient to completely characterize the color rendering of a source. The TM-30 is the method by which we group together well-known evaluation systems, organized in a systematic way, with the introduction of two other different indexes, the Fidelity Index Rf (which indicates the fidelity of colour rendering) and the Gamut Index Rg (used to evaluate the increase or decrease in saturation), in turn accompanied by a form of graphic representation. Furthermore the method evaluates the illuminant on 99 samples (CES) that reflect the colours of the leaves, flowers, skin tones, paintings, etc. so as to extend our ability to establish its specific rendering.

**UGR**

UGR (Unified Glare Rating) is a unified factor in the international field developed by the CIE (International Commission on Illumination) to evaluate direct discomfort glare due to the use of lighting products. In the European Standard relating to indoor workplaces UNI EN 12464-1, the UGR varies from a minimum value of 10 (no glare) to a maximum value of 30 (considerable glare). The lower the value the lower the glare. The UGR value needs to be calculated because it takes into account the size and characteristics of the environment, the background luminance (ceiling, wall, etc), the luminance of light fixtures and the position of the latter in relation to the observation point.

UGR classification applications

- <13 imperceptible
- 16 perceptible technical drawings
- 19 perceptible reading, writing, schools, offices, working on a pc
- 22 perceptible industry and crafts
- 25 uncomfortable raw industrial jobs
- 28 uncomfortable railway tracks, warehouses
- >28 intolerable

## PHOTOMETRICS KEY

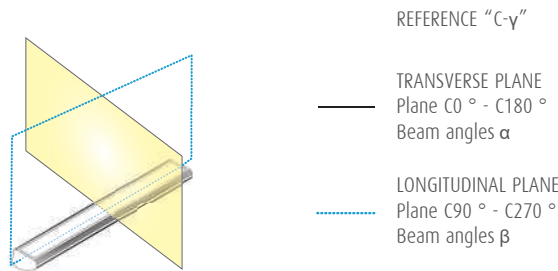
Photometric measurements were taken at the Duralamp Photometric Laboratory. These measurements are performed at a room temperature equal to 25±1 °C as required by UNI EN 13032-1 - Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 1.

The photometric values quoted are dependent on the optical system to which they relate, and from the light source used. In order to improve its production, the Company reserves the right to change these optical systems and consequently relative photometric data without notice.

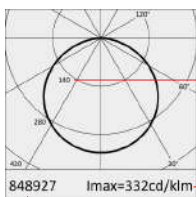
For ease of use, the photometric curve present within this catalogue is shown and explained below.

On the web site [www.duralamp.it](http://www.duralamp.it) the special section "INFO TECH /Eulumdat" provides all the photometric data in ldt. format that is also given on every product data-sheet.

The photometric curves shown in this catalogue are compiled according to the "C-γ" international reference system, where the C0-C180 plane is perpendicular to the fixtures and the C90-C270 plane is parallel to the fixtures, as depicted in the figure. For symmetrical and rotationally symmetric fixtures therefore, a single curve is used.



**POLAR DYAGRAM**



LUMINOUS INTENSITY  
PHOTOMETRIC CURVE

848927 I<sub>max</sub>=332cd/klm IMAX

PHOTOMETRIC CODE: these are the last 6 digits of the item's barcode

4000K Ra90		KELVIN - IRC/Ra
Fixture Power	12W	FIXTURE POWER
Source Flux	1180lm	LED FLUX
Fixture Flux	1180lm	FIXTURE FLUX
Efficacy	98lm/W	EFFICACY
I <sub>max</sub>	391cd	IMAX

H(m)	D(m)	E <sub>max</sub> (lx)	
	118°		BEAM ANGLE
1	3.31	391	DISTANCE FROM THE PLAN (m)
2	6.61	98	
3	9.92	43	Ø LUMINOUS CONE (m)
4	13.23	24	
5	16.53	16	MAX ILLUMINATION (lx)

All Duralamp luminaires have integrated LED sources that cannot be separated: therefore the source flux and the luminaire flux show the same value.

# PHOTOMETRICS

DURASTRIP SELECT

05U402405IN

	4000K	H(m)	D(m)	Emax(lx)		
	Ra90		116°			
	Fixture Power	5W	1	3.20	189	
	Source Flux	560lm	2	6.39	47	
	Fixture Flux	560lm	3	9.59	21	
	Efficacy	112lm/W	4	12.78	12	
	849054	I <sub>max</sub> =337cd/klm	I <sub>max</sub>	189cd	5	15.98

05U402412IN

	2700K Ra90	H(m)	D(m)	Emax(lx)		
	Ra90		116°			
	Fixture Power	12W	1	3.18	373	
	Source Flux	1098lm	2	6.36	93	
	Fixture Flux	1098lm	3	9.54	41	
	Efficacy	92lm/W	4	12.71	23	
	849009	I <sub>max</sub> =339cd/klm	I <sub>max</sub>	373cd	5	15.89

05U402424IN

	4000K	H(m)	D(m)	Emax(lx)		
	Ra90		118°			
	Fixture Power	24W	1	3.31	746	
	Source Flux	2250lm	2	6.61	187	
	Fixture Flux	2250lm	3	9.92	83	
	Efficacy	94lm/W	4	13.23	47	
	848927	I <sub>max</sub> =332cd/klm	I <sub>max</sub>	746cd	5	16.53

07U40HVE12

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		108°			
	Fixture Power	12W	1	2.73	465	
	Source Flux	1280lm	2	5.47	116	
	Fixture Flux	1280lm	3	8.20	52	
	Efficacy	107lm/W	4	10.94	29	
	07U40HVE12	I <sub>max</sub> =364cd/klm	I <sub>max</sub>	465cd	5	13.67

DURASTRIP HI VOLT

TUBOLED LLG

L18840LL6

	4000K			
	Ra80			
	Fixture Power	10W		
	Source Flux	1250lm		
	Fixture Flux	1250lm		
	Efficacy	125lm/W		
	862152	I <sub>max</sub> =172cd/klm	I <sub>max</sub>	214cd

L36840LL6

	4000K			
	Ra80			
	Fixture Power	18W		
	Source Flux	2250lm		
	Fixture Flux	2250lm		
	Efficacy	125lm/W		
	862213	I <sub>max</sub> =172cd/klm	I <sub>max</sub>	386cd

L58840LL6

	4000K			
	Ra80			
	Fixture Power	20W		
	Source Flux	2750lm		
	Fixture Flux	2750lm		
	Efficacy	137lm/W		
	862275	I <sub>max</sub> =172cd/klm	I <sub>max</sub>	472cd

DECO LED HIGH POWER

L3040HP

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		158°			
	Fixture Power	30W	1	10.25	511	
	Source Flux	2900lm	2	20.51	128	
	Fixture Flux	2900lm	3	30.76	57	
	Efficacy	97lm/W	4	41.01	32	
	843489	I <sub>max</sub> =179cd/klm	I <sub>max</sub>	519cd	5	51.26

L4040HP

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		157°			
	Fixture Power	40W	1	10.04	659	
	Source Flux	3850lm	2	20.08	165	
	Fixture Flux	3850lm	3	30.12	73	
	Efficacy	96lm/W	4	40.16	41	
	843502	I <sub>max</sub> =175cd/klm	I <sub>max</sub>	673cd	5	50.20

L5040HP2

	4000K	H(m)	D(m)	Emax(lx)		
	Ra80		159°			
	Fixture Power	50W	1	10.59	865	
	Source Flux	4650lm	2	21.18	216	
	Fixture Flux	4650lm	3	31.78	96	
	Efficacy	93lm/W	4	42.37	54	
	860790	I <sub>max</sub> =195cd/klm	I <sub>max</sub>	906cd	5	52.96

L9040HP2

	4000K			
	Ra80			
	Fixture Power	90W		
	Source Flux	8350lm		
	Fixture Flux	8350lm		
	Efficacy	93lm/W		
	860806	I <sub>max</sub> =165cd/klm	I <sub>max</sub>	1375cd

R7S 330°

L2971N

	2700K			
	Ra80			
	Fixture Power	8W		
	Source Flux	1055lm		
	Fixture Flux	1055lm		
	Efficacy	129lm/W		
	922764	I <sub>max</sub> =110cd/klm	I <sub>max</sub>	117cd

L2972N

	2700K			
	Ra80			
	Fixture Power	12W		
	Source Flux	1520lm		
	Fixture Flux	1520lm		
	Efficacy	132lm/W		
	922788	I <sub>max</sub> =110cd/klm	I <sub>max</sub>	168cd

L2973N

	4000K			
	Ra80			
	Fixture Power	15W		
	Source Flux	2000lm		
	Fixture Flux	2000lm		
	Efficacy	138lm/W		
	922818	I <sub>max</sub> =110cd/klm	I <sub>max</sub>	221cd

X-SPOT

272701-D

	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		13°			
	Fixture Power	8W	1	0.22	6367	
	Source Flux	500lm	2	0.44	1592	
	Fixture Flux	532lm	3	0.67	707	
	Efficacy	71lm/W	4	0.89	398	
	861018	I <sub>max</sub> =12733cd/klm	I <sub>max</sub>	6367cd	5	1.11

272702-D

	2700K	H(m)	D(m)	Emax(lx)		
	Ra80		13°			
	Fixture Power	8W	1	0.22	6367	
	Source Flux	500lm	2	0.44	1592	
	Fixture Flux	532lm	3	0.67	707	
	Efficacy	71lm/W	4	0.89	398	
	861025	I <sub>max</sub> =12733cd/klm	I <sub>max</sub>	6367cd	5	1.11

# PHOTOMETRICS

MULTI GU10

## 28830SP



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80		55°	45°				
Fixture Power	9W	1	1.04	0.84	939		
Source Flux	870lm	2	2.08	1.67	235		
Fixture Flux	870lm	3	3.11	2.51	104		
Efficacy	97lm/W	4	4.15	3.35	59		
847869	I <sub>max</sub> =1080cd/klm	I <sub>max</sub>	940cd	5	5.19	4.18	38

## 28530SP



3000K		H(m)	D(m)	Emax(lx)		
Ra80			35°			
Fixture Power	6W	1	0.62	816		
Source Flux	500lm	2	1.25	204		
Fixture Flux	500lm	3	1.87	91		
Efficacy	83lm/W	4	2.49	51		
847807	I <sub>max</sub> =1632cd/klm	I <sub>max</sub>	816cd	5	3.12	33

MULTI 100 WIDE

## 28540



3000K		H(m)	D(m)	Emax(lx)		
Ra80			35°			
Fixture Power	6W	1	0.62	816		
Source Flux	500lm	2	1.25	204		
Fixture Flux	500lm	3	1.87	91		
Efficacy	83lm/W	4	2.49	51		
847807	I <sub>max</sub> =1632cd/klm	I <sub>max</sub>	816cd	5	3.12	33

## 28640



4000K		H(m)	D(m)	Emax(lx)		
Ra80			101°			
Fixture Power	7W	1	2.42	226		
Source Flux	570lm	2	4.85	57		
Fixture Flux	570lm	3	7.27	25		
Efficacy	81lm/W	4	9.70	14		
845780	I <sub>max</sub> =397cd/klm	I <sub>max</sub>	226cd	5	12.12	9

MULTI 100 WIDE

## 28727



3000K		H(m)	D(m)	Emax(lx)		
Ra80			93°			
Fixture Power	8W	1	2.10	277		
Source Flux	650lm	2	4.21	69		
Fixture Flux	650lm	3	6.31	31		
Efficacy	81lm/W	4	8.41	17		
843175	I <sub>max</sub> =426cd/klm	I <sub>max</sub>	277cd	5	10.51	11

SIRIUS-P

## 38630P



3000K		H(m)	D(m)	Emax(lx)		
Ra80			30°			
Fixture Power	6W	1	0.54	805		
Source Flux	500lm	2	1.09	201		
Fixture Flux	500lm	3	1.63	89		
Efficacy	83lm/W	4	2.17	50		
847920	I <sub>max</sub> =1610cd/klm	I <sub>max</sub>	805cd	5	2.72	32

## 39630P



3000K		H(m)	D(m)	Emax(lx)		
Ra80			28°			
Fixture Power	6W	1	0.50	861		
Source Flux	510lm	2	0.99	215		
Fixture Flux	388lm	3	1.49	96		
Efficacy	65lm/W	4	1.98	54		
847999	I <sub>max</sub> =1689cd/klm	I <sub>max</sub>	861cd	5	2.48	34

MULTI HF

## 28530HF



3000K		H(m)	D(m)	Emax(lx)		
Ra80			104°			
Fixture Power	6W	1	2.56	177		
Source Flux	440lm	2	5.12	44		
Fixture Flux	440lm	3	7.69	20		
Efficacy	73lm/W	4	10.25	11		
860097	I <sub>max</sub> =402cd/klm	I <sub>max</sub>	177cd	5	12.81	7

## 28530SPHF



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			42°	47°			
Fixture Power	6W	1	0.77	0.88	589		
Source Flux	450lm	2	1.54	1.76	147		
Fixture Flux	450lm	3	2.31	2.64	65		
Efficacy	75lm/W	4	3.08	3.52	37		
861421	I <sub>max</sub> =1317cd/klm	I <sub>max</sub>	593cd	5	3.85	4.40	24

MATRIX

## PJ537CTA



-		H(m)	D(m)	Emax(lx)		
Ra90			42°			
Fixture Power	8W	1	0.78	870		
Source Flux	550lm	2	1.55	218		
Fixture Flux	550lm	3	2.33	97		
Efficacy	73lm/W	4	3.11	54		
843069	I <sub>max</sub> =1582cd/klm	I <sub>max</sub>	870cd	5	3.88	35

## PJ107NW



4000K		H(m)	D(m)	Emax(lx)		
Ra85			38°			
Fixture Power	8W	1	0.68	935		
Source Flux	560lm	2	1.36	234		
Fixture Flux	560lm	3	2.04	104		
Efficacy	75lm/W	4	2.72	58		
836429	I <sub>max</sub> =1669cd/klm	I <sub>max</sub>	935cd	5	3.41	37

DR111

## 08083



3000K		H(m)	D1(m)	D2(m)	Emax(lx)		
Ra80			19°	20°			
Fixture Power	12W	1	0.34	0.35	3338		
Source Flux	850lm	2	0.69	0.70	834		
Fixture Flux	850lm	3	1.03	1.05	371		
Efficacy	71lm/W	4	1.37	1.40	209		
844202	I <sub>max</sub> =3943cd/klm	I <sub>max</sub>	3352cd	5	1.72	1.76	134

## L8085N



4000K		H(m)	D(m)	Emax(lx)		
Ra80			26°			
Fixture Power	13W	1	0.45	2318		
Source Flux	1000lm	2	0.91	579		
Fixture Flux	1000lm	3	1.36	258		
Efficacy	77lm/W	4	1.81	145		
850128	I <sub>max</sub> =2318cd/klm	I <sub>max</sub>	2318cd	5	2.27	93

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# GENERAL SALES CONDITIONS

## 1. Applicability

**1.1** These general conditions (hereafter the "Conditions") constitute an integral and essential part of the contract of sale between the Parties. The Conditions shall regulate all legal relationships between Duralamp S.p.A. (hereafter "Duralamp") and the purchaser (hereafter the "Purchaser") where the said relationships are not disciplined by the applicable terms of the Italian Civil Code (C.C.). The nullity of any of the terms of these Conditions shall not prejudice the validity of the remaining Conditions or the Contract.

**1.2** Any changes to these Conditions shall be agreed between the Parties in writing, with the exception of the provisions set down in article 1341 of the Italian C.C..

## 2. Sales

**2.1** Sale requests for the products (hereafter the "Products") shall be accepted 'subject to the seller's approval' and shall be considered to be irrevocable in accordance with and as an effect of article 1329 of the C.C. for a period of 1 (one) month from the date of the order requesting execution without prior acknowledgement, pursuant to and as an effect of article 1327 of the C.C. from the date on which the order is received by Duralamp.

**2.2** The Products detailed in the individual orders and the relevant accessories shall be supplied to the Purchaser by Duralamp with "Retention of Title" pursuant to and as an effect of articles 1523-1526 of the Italian C.C. In this case, the transfer of ownership of the Products to the Purchaser shall take place exclusively upon the full payment of the price agreed, whilst any risks shall be the responsibility of the Purchaser from the moment of delivery of the Products.

**2.3** Whilst confirming the terms stated above, the Parties hereby agree that should the Products and relevant accessories be destroyed for causes not attributable to Duralamp, the Purchaser shall not be released from the obligation to pay for the same, even where the Products have not yet been delivered.

## 3. Prices

**3.1** The prices detailed on the price list shall be applied to Product sales orders. The aforementioned prices shall be unit prices per single item, except where stated otherwise for certain Products. The Parties shall have the right to agree, in writing, any derogations and/or special conditions of sale.

**3.2** Moreover, the Parties hereby agree that the following conditions shall be applied:  
(I) Minimum order: € 300 (three hundred) for Italy - € 750 (seven hundred and fifty) for other countries;  
(II) Delivery free to destination in Italy for orders of € 300 (three hundred) for Italy or more;  
(III) Ex-Works deliveries for other countries.

**3.3** The prices given above do not include VAT and installation costs.

**3.4** The prices provided in this catalogue shall be valid until a new price list is published.

## 4. Currency

All prices are given in Euros (exclusive of VAT). Invoices shall be drawn up in Euros.

## 5. Special requests

Products can be supplied to the Purchaser in non-standard colours and with special features. The relevant price, minimum quantities per order, methods and timing of deliveries shall be agreed in each individual case, in relation to the reference order.

## 6. Transport

**6.1** Duralamp shall not be liable for any damage and/or losses which may occur during the transportation of the Products, unless the Products are delivered free at destination.

**6.2** Duralamp shall have the right to establish the method of transportation to be used for the Products, unless the Parties have previously established a method of transport in writing.

**6.3** Upon delivery, the Purchaser shall undertake to verify the condition of the products and shall make any complaints directly to the carrier and/or conduct any actions necessary in the event of loss, misplacement, removal or damage, or delays in transportation and/or the methods of delivery of the Products.

## 7. Complaints

**7.1** In the event that the Products are found to have any faults and/or defects, the Purchaser shall undertake to notify Duralamp of the same in writing, by means of a registered letter, no later than 8 (eight) days following the discovery of the said faults and/or defects, at the risk of invalidating the obligations of the guarantee provided by Duralamp. In this case, the faulty Products, which should be reported within the terms established, should be returned to Duralamp, once the Purchaser has received specific permission to do so in writing.

**7.2** In the event that the Purchaser's complaints are held to be valid, Duralamp, at its complete discretion, may make the necessary repairs and/or replace the Products, excluding the attribution of any further charges, obligations, indemnification or compensation to the same. The Products in question should be returned to the Duralamp S.p.A. plant in Via Pratese 164, 50145, Firenze, Italy. In the event that, following an inspection by Duralamp, the Products returned by the Purchaser are not found to be faulty and/or defective, Duralamp shall return the Products to the Purchaser, charging the same an amount equal to 15% (fifteen percent) of the value of the said Products.

## 8. Delivery

**8.1** The Parties hereby agree that the terms established for the delivery of the Products shall not be considered absolute or essential and that, in any case, each item shall be exclusively in favor of Duralamp, unless otherwise agreed in writing between the Parties.

**8.2** In the event of delayed delivery, once 15 (fifteen) days have passed since the agreed date, the Purchaser may send Duralamp written warning to complete the delivery within a further term of no more than 15 (fifteen) days from receipt of the same. In the event that Duralamp has not completed the delivery within this further term the Purchaser may withdraw from the order with regard to the Products that have not yet been delivered. In this case the Purchaser shall only be obliged to pay Duralamp for the Products actually delivered, excluding the payment of any further indemnification and/or compensation to the Purchaser.

**8.3** Duralamp shall not be responsible for any other breaches, including the failure to deliver or delayed delivery of the Products, caused by events outside its reasonable control such as, purely by way of an example and not limited to the same: the failure to deliver or delayed delivery of manufacturing materials by Duralamp's suppliers, equipment breakdowns, strikes and other trade union action, electricity blackouts, suspension of or difficulties with transportation.

## 9. Payment

**9.1** The price due shall be paid by the Purchaser according to the conditions and modalities set down in the order and, in any case, by means of payments made exclusively to "DURALAMP S.P.A."

**9.2** Duralamp shall only recognize the validity of the payments when the same are made in compliance with the provisions of article 9.1 above. This means that amounts paid using any other method shall not be considered to be a payment in discharge of the Purchaser's obligations. The eventual acceptance by Duralamp of a bank draft or other trade bill shall only occur with the application of the proviso "under usual reserve".

**9.3** In the event of delayed payment with respect to the terms agreed, the Parties hereby agree that bank interest shall be due to Duralamp at the current PRIME RATE increased by 3 points. Interest shall be applied as of right, with no obligation for Duralamp to send the Purchaser a formal notice to pay.

**9.4** Moreover, in the event of a delay in payment of more than 15 (fifteen) days, Duralamp shall have the right to terminate the order as of right pursuant to article 1456 C.C., sending written notification of the same, barring compensation for any damage.

**9.5** In the event that the Parties have agreed upon a method of payment by instalments for the Products, the failure to pay several instalments or just one instalment exceeding one eighth of the overall price of the Products, shall result in the loss of the Purchaser's right to pay in instalments and shall give Duralamp the right to request the remaining balance of the price or, alternatively, at its own discretion, to terminate the contract with immediate return of the Products and the acquisition of the instalments paid, as indemnification, barring the right to compensation for any damage sustained.

## 10. Guarantee

**10.1** The Products provided by Duralamp shall be guaranteed for a period of 12 (twelve) months from the date of delivery against any manufacturing or material defects and/or faults and against any breakdowns not attributable to the Purchaser. Duralamp's only obligation and the Purchaser's right with regard to claims related to the guarantee shall be limited, as decided by Duralamp, to the replacement or repair of the defective or non-compliant product or the reimbursement of the price for the purchase of another product. Duralamp shall be granted a reasonable amount of time to repair or replace the product, or to make the previously authorized reimbursement. Any defective or non-compliant Products shall become the property of Duralamp as soon as they have been replaced or reimbursed.

**10.2** The guarantee shall exclude any failures due to circumstances beyond the control of Duralamp (lightning, flooding, etc.), as well as any damage caused by the improper use of the Products and/or relevant accessories. Notwithstanding the above, Duralamp shall not be bound by the guarantee if the contested defects or non-compliances have occurred as a result of submitting the Products to resistance or environmental tests, the incorrect use of the same, or in the event that the use of or conditions of use of the Products is different from that indicated in the instructions and technical information, as a result of negligence, incorrect installation or accident, or if they derive from improper repairs, alterations, modifications, storage or transportation or by incorrect handling.

**10.3** The Purchaser shall send the Products returned in accordance with the terms of the guarantee to the place indicated by Duralamp in compliance with the Duralamp policy regarding authorization to return materials in force at the time. In the event that the Products returned are found to be compliant or not faulty, the Purchaser shall pay the cost of returning the same as well as the cost of insuring, inspecting and handling the Products.

**10.4** LED products Enjoy specific guarantees: details are published on [www.duralamp.it](http://www.duralamp.it)

## 11. Limitation of Liability

**11.1** WITH THE SOLE EXCLUSION OF CRIMINAL INTENT AND GROSS NEGLIGENCE, DURALAMP SHALL NOT BE LIABLE FOR LOSS OF PROFITS OR SAVINGS, LOSS OF REPUTATION OR GOODWILL, ANY DIRECT, INDIRECT, CONSEQUENTIAL OR SPECIAL DAMAGE THAT MAY DERIVE FROM OR BE CONNECTED TO THE CONTRACT OR SALE OF PRODUCTS OR SERVICES BY DURALAMP OR BY THE USE OF THE SAME OF A CONTRACTUAL OR EXTRA-CONTRACTUAL NATURE OR DERIVING FROM ANY OTHER SOURCE, EVEN WHERE DURALAMP HAS BEEN NOTIFIED OF OR IS AWARE OF THE POSSIBILITY OF SUCH DAMAGE.

**11.2** The limitations and exclusions stated in article 11 shall apply within the limits permitted by law.

## 12. Applicable law and place of jurisdiction

**12.1** These Conditions and all the effects of the same shall be governed by Italian law. The Parties hereby agree that any disputes related to these Conditions shall refer to Italian jurisdiction to the exclusion of all others.

**12.2** The exclusive place of jurisdiction shall be the registered offices of Duralamp S.p.A., with the express exclusion of any other competing places of jurisdiction.



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A complete list of the Duralamp distribution and  
project network is available at:  
[www.duralamp.it](http://www.duralamp.it)

**LUMINOUS SOURCES 2019 - LAMPS | LED STRIPS**  
Pricelist validity starting the 1st of MAY 2020

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Indoor or outdoor setting photos are used to illustrate the possible applications of the product.



