



INDUSTRY IP23

Introducing our product

A robust luminaire for T5 and T8 tubes made of galvanized steel rated to IP23.

Multi-position mounting system of lamp holders in the universal end-cap made of plastic allows you to choose from super narrow, narrow or wide beam distribution.

The Industry luminaire is especially recommended for warehouses, manufacturing plants, shops and sports facilities.



Ergonomics & modernity



Constructor and Designer Michał Jaraczewski

"The biggest challenge in the design of the luminaire was achieving high efficiency for a variety of mounting heights and applications that require different distribution curves. We created the universal fixture for high-storage warehouses and low rooms like open-production hal-Is or large stores using T5 and T8 source."

η = 95%

The high performance MIRO 5 aluminum reflector has been specially designed to achieve the highest possible efficiency of up to 95%.

The high performing luminaire ensures that there are less fixtures required with increased spacing between them to enjoy the required lighting environment. A safe return on investment and reduced energy costs.

Powerful

Fixture is offered with one, two or even three tubes - excellent solution for industrial lighting - if you need more light. Three tubes T5 80W Industry luminaires can in the majority of applications replace a 250 Watt high bay luminaire.





IP23

The IP23 rating ensures protection against water falling as a spray at any angle up to 60° from the vertical.

For example, water dripping from the ceiling of a warehouse as a result of condensation (a common occurrence especially in the winter season), shall have no harmful effect on the luminaire.

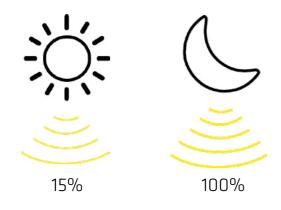


Dimming system

The easy way to be more efficient and to save energy is to use dimmable ballasts. We can provide Industry IP23 luminaire with dimmable ballasts in digital standards like DALI, DSI or simpler methods of control, such as switchDIM (control via conventional switches) and corridor FUNCTION (control via conventional motion sensors). Dimmable luminaires combined with intelligent sensors provide the optimal amount of light, appropriate to the presence or absence of people and the amount of available daylight.

Energy savings of up to 80% can be made.

Daylight sensor



Daylight sensors provide convenient light control and are engineered for optimum energy savings and easy installation, either inside or outside the luminaire, depending on application.

Sensors save energy by directing lighting controls to reduce lighting level to its target level based on available daylight.

Intelligent sensor system

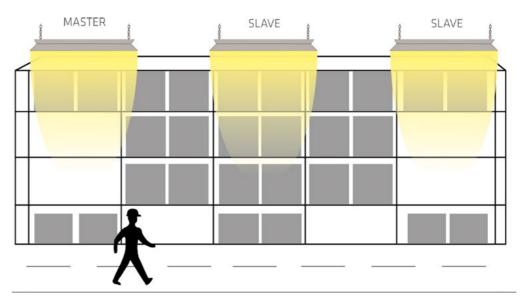
Radio Motion Sensors (RCR):

Microwave detectors which use high frequency electromagnetic waves are ideal for controlling lighting over large areas. In addition, they have the "day/night" identification function, which allows limiting the operation of the fitting to the specific conditions of ambient light intensity.

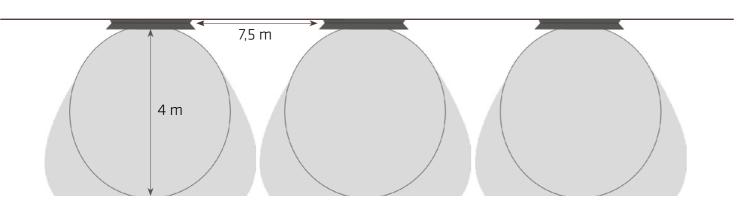
Passive Infrared Sensor (PIR):

The passive infrared sensor (PIR) detects changes in ambient temperatures. Thanks to adjustment, the sensitivity of the detection element and the time of deactivation, it is possible to optimally select working parameters of the light fitting, to provide the greatest comfort and energy saving.

We offer integrated sensors in the luminaire or autonomic solutions depending on application. Please ask for details of the Master-Slave solution to save more.







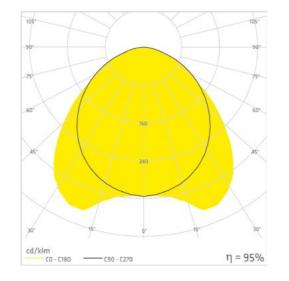
Wide beam 300 lx

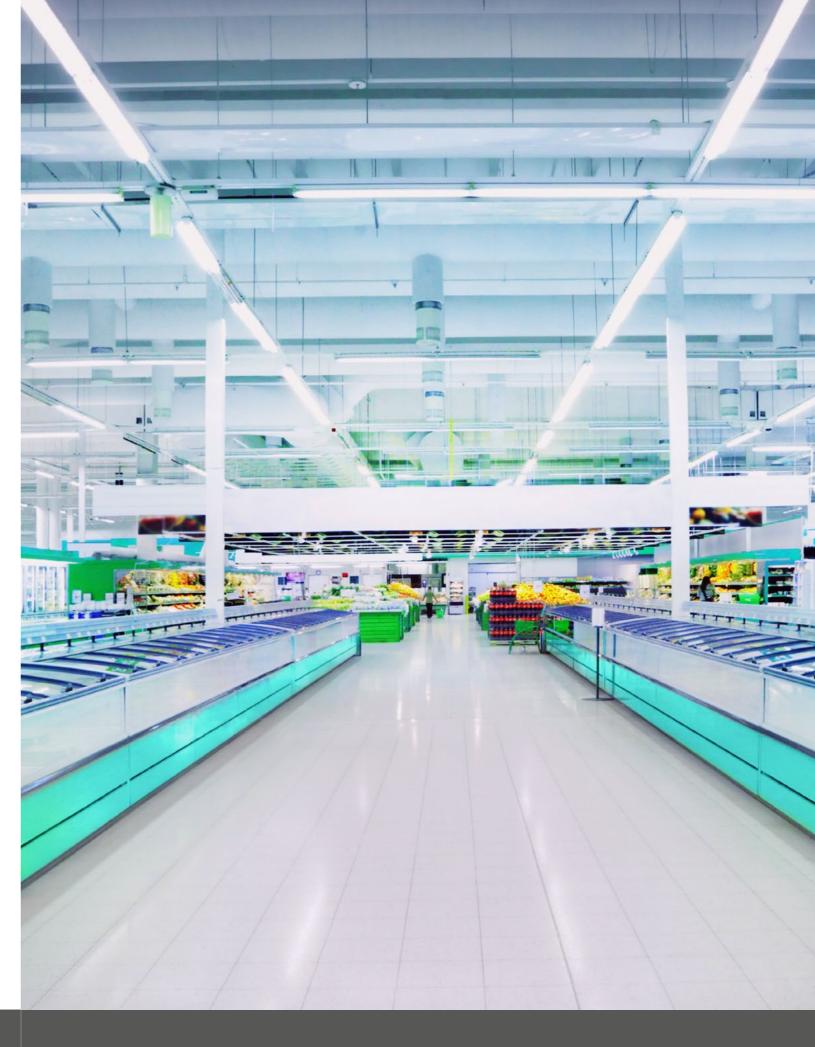
The Wide beam distribution was designed on the requirements made by supermarkets, open warehouses and industrial facilities.

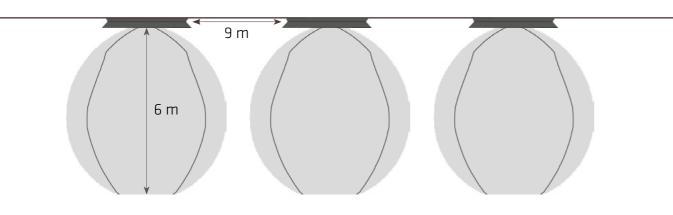
To achieve the level of light intensity of 300lx on the floor and provide adequate uniformity, you need to mount Industry luminaire at an average of 7.5 meters assuming a mounting height of 4 meters.

The special aluminum louver (available as an accessory)- for a wide light distribution in buildings with a low ceiling height provides light with good glare control and with excellent efficiency and uniformity.

The recommended installation height is between 3 and 6 meters.





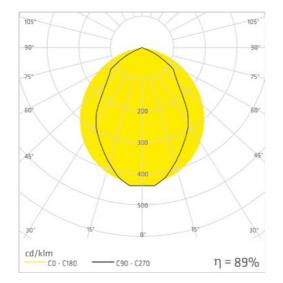


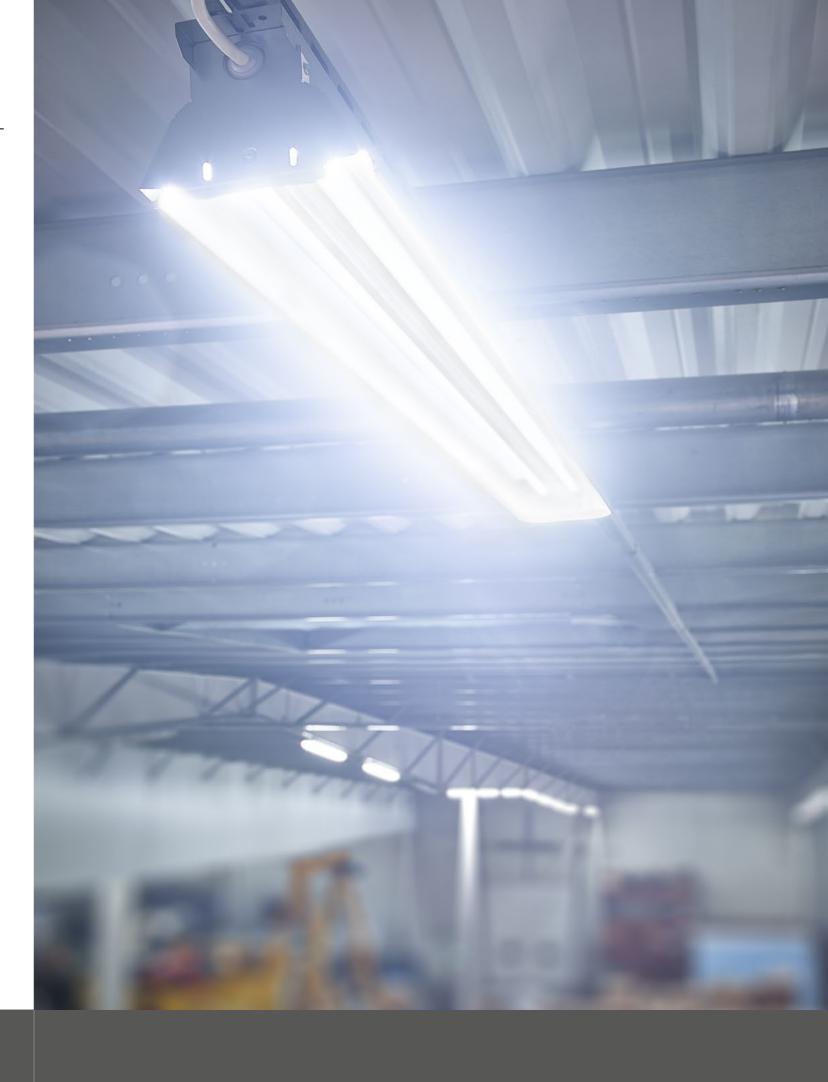
Middle narrow beam 150 lx

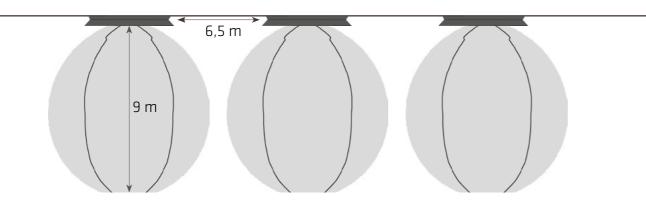
A very good alternative for middle height applications such as warehouses, where the installation height is between 4 and 8 meters.

The profile of the middle narrow reflector is significantly different than narrow beam in order to optimally find the solution for your requirements.

Please don't hesitate to ask our lighting planners for advice.







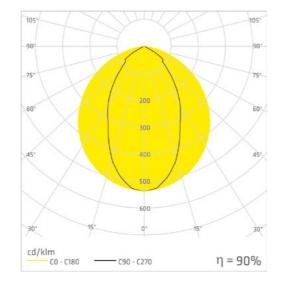
Narrow beam 150 lx

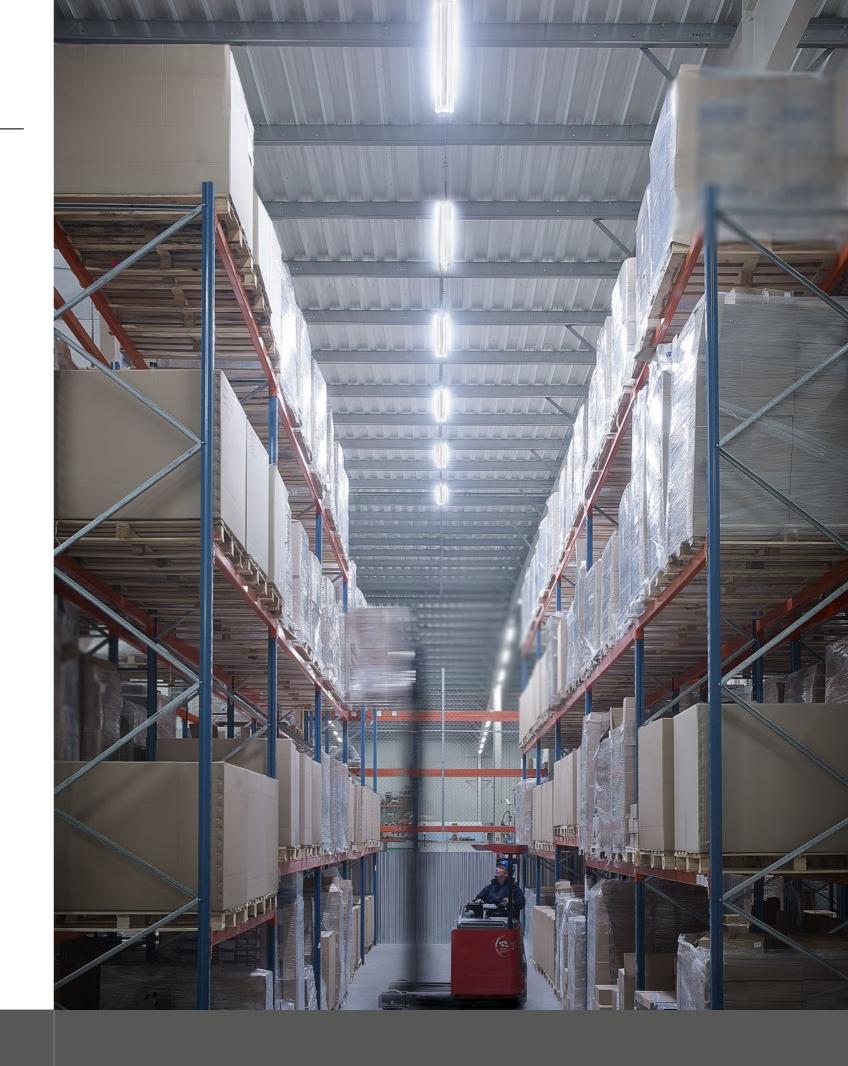
The luminaire is specially designed to illuminate long and high rows of racking in warehouses with the required uniformity provided as efficiently as possible.

The narrow elliptical shape of the reflector has been developed by our R&D department to properly illuminate floor and racking to ensure the optimal and comfortable workplace lighting environment. The High efficiency of our luminaire (up to 95%) is achieved by the ultimate performance aluminum reflector made of Miro 5 to guarantee a short payback on your investment.

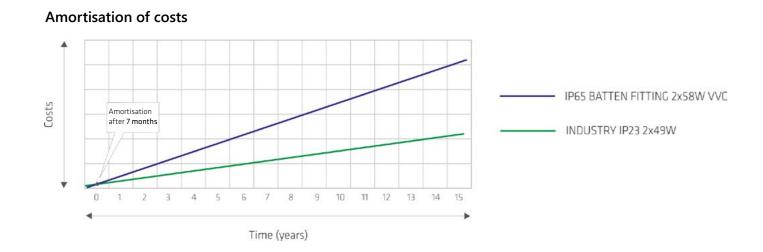
In order to secure a luminous intensity level of 150 lx on the floor with correct uniformity, you can mount the Industry luminaire at a spacing of 6.5 m with an installation height of 9 m.

The recommended installation height is 7 meters or more.





Modernization



The basic assumption of case study:

- + Hours of operation 2 shifts lighting time 16 hours per day
- + The proposal was assessed over 15 years
- + The Unit price of electricity for 1 kWh at 0.087 EUR which was constant for the whole calculation period
- + The cost of replacing the light sources on the basis of average market prices
- + Replacement lamps in accordance with the manufacturers stated lifetime
- + The luminaire power consumption was calculated including the actual losses on the ballast (Total Circuit Watts)

Payback time - less than 1 year!

Case study

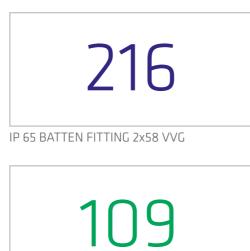
Our customer approached us with a request to upgrade the lighting in his warehouse. The dimensions of the building were 70 x 45 meters and height of 11 meters, with total area of 3,124.50 m².

The original lighting comprised of 216 2 x 58 Watt IP65 batten luminaires with VVG ballasts mounted in 7 rows of racking at a height of 9 meters. The IP 65 batten fixtures are a common type of product for this application despite the fact that such a high liquid ingress protection is in most cases not required.

The Industry luminaire IP23 is the best solution for warehouses and gives sufficient protection. After receiving the warehouse drawings, our lighting planners created a simulation of the lighting effect and selected the optimal solution. They suggested the use of only 109 Industry 2x49W luminaires with a narrow light distribution and achieved the same light parameters 150lx on the floor.

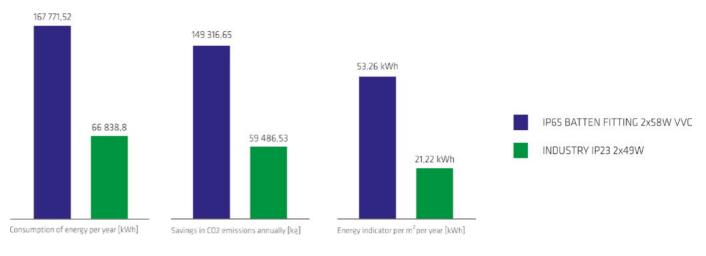
The payback was achieved in only seven months after which time you benefit from the modernized lighting and reduced energy and maintenance costs.

Less fittings - same effect



INDUSTRY IP23 2x49W

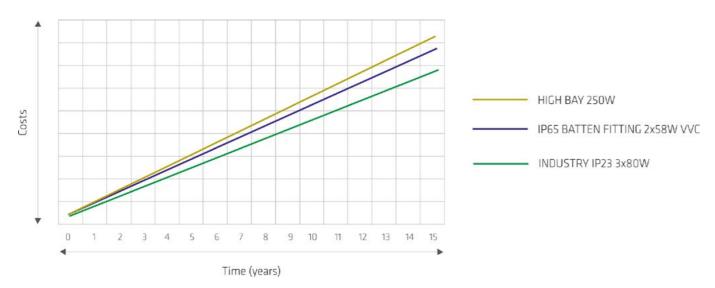
Comparison of energy costs



Use fewer luminaires, with increased spacing's to provide the required lighting environment.

New investment

Amortisation of costs



The basic assumption of case study:

- + Hours of operation 2 shifts lighting time 16 hours per day
- + The proposal was assessed over 15 years
- + The Unit price of electricity for 1 kWh at 0.087 EUR which was constant for the whole calculation period
- + The cost of replacing the light sources on the basis of average market prices
- + Replacement lamps in accordance with the manufacturers stated lifetime
- + The luminaire power consumption was calculated including the actual losses on the ballast (Total Circuit Watts)

Case study

For new installations such as an open production hall, it is useful to consider various alternatives and choose the best solution at the first designing stage. As a example, a production hall measuring 100m x 60 m with a mounting height 8 meters.

In such applications high bay or IP65 batten luminaires are typically specified and these fittings were compared the Industry luminaire in this case study.

The required illumination for this application is 300lx on the floor while keeping the relevant light uniformity. To achieve this, 150 High Bay 250W luminaires were required, alternatively 240 pieces 2x80W IP65 batten fittings or 143 Industry 3x80W luminaires with a wide light beam.

The highly efficient Industry luminaires with the outstanding lighting quality with T5 tubes gave the Industry luminaire a significant advantage over the alternative lighting solutions.

Less fittings - same effect

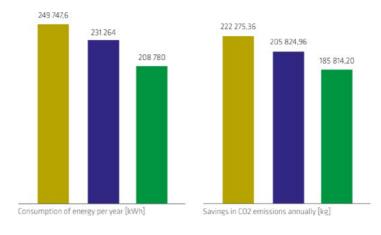


740

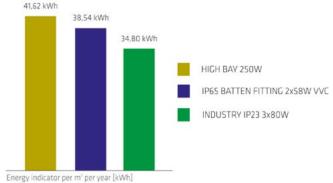
IP65 BATTEN FITTING 2x80W

INDUSTRY IP23 3x80W

Comparison of energy costs



Choose the Industry IP23 to maximize the efficiency from the very beginning of your new investment.



Professional light planning

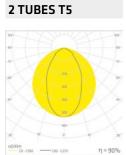
We support lighting planners with LDT files and all luminaire data is measured in our internal laboratory.

We offer all of the lighting calculations for the whole project with DIALux software based on construction drawings using CAD data from other architectural programs. We support our customers with planning the whole building, including outdoors spaces, making the photorealistic visualisations or creating the artificial light scenarios. We provide you with the energy evaluation for your lighting solution and support you in complying with the respective national and international regulations.

We can provide the final results of the light planning in simple PDF document in many different languages.

Article numbers for INDUSTRY IP23

LIGHT DISTRIBUTION FOR ROOMS WITH HIGH CEILINGS >7M FOR T5 LAMPS



	INDEX	DESCRIPTION	WEIGHT	LENGHT
67	LS1 - ONE 5	POLE PUSH-IN TERMINAL BLOCK		
907- 197-	543029 543036 543043 543050 543067	INDUSTRY 2x28W T5 EVG IP23 LS1 high position INDUSTRY 2x54W T5 EVG IP23 LS1 high position INDUSTRY 2x35W T5 EVG IP23 LS1 high position INDUSTRY 2x49W T5 EVG IP23 LS1 high position INDUSTRY 2x80W T5 EVG IP23 LS1 high position	2,0kg 2,0kg 2,2kg 2,2kg 2,3kg	1230mm 1230mm 1530mm 1530mm 1530mm
×.	LS2 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	BLES	
6	543388 543395 543517 543524 543531	INDUSTRY 2x28W T5 EVG IP23 LS2 high position INDUSTRY 2x54W T5 EVG IP23 LS2 high position INDUSTRY 2x35W T5 EVG IP23 LS2 high position INDUSTRY 2x49W T5 EVG IP23 LS2 high position INDUSTRY 2x80W T5 EVG IP23 LS2 high position	2,2kg 2,2kg 2,4kg 2,4kg 2,5kg	1230mm 1230mm 1530mm 1530mm 1530mm

LIGHT DISTRIBUTION FOR MEDIUM-HIGH ROOMS 4-8M FOR T5 LAMPS

INDEX |

LS1 - ONE 5 POLE PUSH-IN TERMINAL BLOCK

1 TUBE T5	INDEX	DESCRIPTION	WEIGHT	LENGHT
	LS1 - ONE 5	POLE PUSH-IN TERMINAL BLOCK		
	543081 543098 543203 543210 543227	INDUSTRY 1x28W T5 EVG IP23 LS1 medium position INDUSTRY 1x54W T5 EVG IP23 LS1 medium position INDUSTRY 1x35W T5 EVG IP23 LS1 medium position INDUSTRY 1x49W T5 EVG IP23 LS1 medium position INDUSTRY 1x80W T5 EVG IP23 LS1 medium position	1,95kg 1,95kg 2,15kg 2,15kg 2,25kg	1230mm 1230mm 1530mm 1530mm 1530mm
edixim	LS2 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM² CA	BLES	
C:-CIE CIE-CIE 1 = 83%	543159 543166 543272 543289 543296	INDUSTRY 1x28W T5 EVG IP23 LS2 medium position INDUSTRY 1x54W T5 EVG IP23 LS2 medium position INDUSTRY 1x35W T5 EVG IP23 LS2 medium position INDUSTRY 1x49W T5 EVG IP23 LS2 medium position INDUSTRY 1x80W T5 EVG IP23 LS2 medium position	2,15kg 2,15kg 2,35kg 2,35kg 2,45kg	1230mm 1230mm 1530mm 1530mm 1530mm

DESCRIPTION

2 TUBES T5



543333	INDUSTRY 2x28W T5 EVG IP23 LS1 medium position	2,0kg	1230mm
543340	INDUSTRY 2x54W T5 EVG IP23 LS1 medium position	2.0kg	1230mm
543449	INDUSTRY 2x35W T5 EVG IP23 LS1 medium position	2,2kg	1530mm
543456	INDUSTRY 2x49W T5 EVG IP23 LS1 medium position	2,2kg	1530mm
543463	INDUSTRY 2x80W T5 EVG IP23 LS1 medium position	2,3kg	1530mm
LS2 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	BLES	-
543401	INDUSTRY 2x28W T5 EVG IP23 LS2 medium position	2,2kg	1230mm
543418	INDUSTRY 2x54W T5 EVG IP23 LS2 medium position	2,2kg	1230mm
543548	INDUSTRY 2x35W T5 EVG IP23 LS2 medium position	2,4kg	1530mm
543555	INDUSTRY 2x49W T5 EVG IP23 LS2 medium position	2,4kg	1530mm
543562	INDUSTRY 2x80W T5 EVG IP23 LS2 medium position	2,5kg	1530mm

WEIGHT | LENGHT

3 TUBES T5





INDEX	DESCRIPTION	WEIGHT	LENGHT
LS1 - ONE 5	POLE PUSH-IN TERMINAL BLOCK		
543609 543616 543685 543692 543708	INDUSTRY 3x28W T5 EVG IP23 LS1 medium position INDUSTRY 3x54W T5 EVG IP23 LS1 medium position INDUSTRY 3x35W T5 EVG IP23 LS1 medium position INDUSTRY 3x49W T5 EVG IP23 LS1 medium position INDUSTRY 3x80W T5 EVG IP23 LS1 medium position	2,25kg 2,25kg 2,45kg 2,45kg 2,55kg	1230mm 1230mm 1530mm 1530mm 1530mm
LS2 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	BLES	
543647 543654 543746 543753 543760	INDUSTRY 3x28W T5 EVG IP23 LS2 medium position INDUSTRY 3x54W T5 EVG IP23 LS2 medium position INDUSTRY 3x35W T5 EVG IP23 LS2 medium position INDUSTRY 3x49W T5 EVG IP23 LS2 medium position INDUSTRY 3x80W T5 EVG IP23 LS2 medium position	2,45kg 2,45kg 2,65kg 2,65kg 2,75kg	1230mm 1230mm 1530mm 1530mm 1530mm

LIGHT DISTRIBUTION FOR ROOMS WITH LOW CEILLINGS < 5M I

	INDEX	DESCRIPTION	WEIGHT	LENGHT
1 TUBE T5			WEIGHT	LENGHT
a for the		OLE PUSH-IN TERMINAL BLOCK		1
*	543104	INDUSTRY 1x28W T5 EVG IP23 LS1 low position	1,95kg	1230mm
	543111	INDUSTRY 1x54W T5 EVG IP23 LS1 low position	1,95kg	1230mm
	543234	INDUSTRY 1x35W T5 EVG IP23 LS1 low position	2,15kg	1530mm
\times	543241	INDUSTRY 1x49W T5 EVG IP23 LS1 low position	2,15kg	1530mm
	543258	INDUSTRY 1x80W T5 EVG IP23 LS1 low position	2,25kg	1530mm
cd/klm cs-csso — cso-czro η = 92%	LS2 - TW0 5	POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM 2 CA	BLES	
	543173	INDUSTRY 1x28W T5 EVG IP23 LS2 low position	2,15kg	1230mm
	543180	INDUSTRY 1x54W T5 EVG IP23 LS2 low position	2,15kg	1230mm
25/	543302	INDUSTRY 1x35W T5 EVG IP23 LS2 low position	2,35kg	1530mm
	543319	INDUSTRY 1x49W T5 EVG IP23 LS2 low position	2,35kg	1530mm
2	543326	INDUSTRY 1x80W T5 EVG IP23 LS2 low position	2,45kg	1530mm
2 TUBES T5	INDEX	DESCRIPTION	WEIGHT	LENGHT
2 TUBES T5		DESCRIPTION OLE PUSH-IN TERMINAL BLOCK	WEIGHT	LENGHT
2 TUBES T5			2,0kg	LENGHT
2 TUBES TS	LS1 - ONE 5 P 543357 543364	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position	2,0kg 2.0kg	1230mm 1230mm
2 TUBES T5	LS1 - ONE 5 P 543357 543364 543470	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg	1230mm 1230mm 1530mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470 543487	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg 2,2kg	1230mm 1230mm 1530mm 1530mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg	1230mm 1230mm 1530mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470 543487 543494	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg	1230mm 1230mm 1530mm 1530mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470 543487 543494	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg BLES	1230mm 1230mm 1530mm 1530mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470 543487 543494 LS2 - TWO 5	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA INDUSTRY 2x28W T5 EVG IP23 LS2 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg BLES 2,2kg	1230mm 1230mm 1530mm 1530mm 1530mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470 543487 543494 LS2 - TWO 5 543425	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA INDUSTRY 2x28W T5 EVG IP23 LS2 low position INDUSTRY 2x54W T5 EVG IP23 LS2 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg BLES 2,2kg 2,2kg 2,2kg	1230mm 1230mm 1530mm 1530mm 1530mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470 543487 543494 LS2 - TWO 5 543425 543425 543432	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA INDUSTRY 2x28W T5 EVG IP23 LS2 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg BLES 2,2kg	1230mm 1230mm 1530mm 1530mm 1530mm 1230mm 1230mm
2 TUBES TS	LS1 - ONE 5 P 543357 543364 543470 543487 543494 LS2 - TWO 5 543425 543422 543432 543579	OLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA INDUSTRY 2x28W T5 EVG IP23 LS2 low position INDUSTRY 2x54W T5 EVG IP23 LS2 low position INDUSTRY 2x35W T5 EVG IP23 LS2 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg 8LES 2,2kg 2,2kg 2,2kg 2,2kg 2,4kg	1230mm 1230mm 1530mm 1530mm 1530mm 1230mm 1230mm 1530mm





ΞX	DESCRIPTION	WEIGHT	LENGHT
NE 5	5 POLE PUSH-IN TERMINAL BLOCK	_	_
)4	INDUSTRY 1x28W T5 EVG IP23 LS1 low position	1,95kg	1230mm
1	INDUSTRY 1x54W T5 EVG IP23 LS1 low position	1,95kg	1230mm
34	INDUSTRY 1x35W T5 EVG IP23 LS1 low position	2,15kg	1530mm
41	INDUSTRY 1x49W T5 EVG IP23 LS1 low position	2,15kg	1530mm
58	INDUSTRY 1x80W T5 EVG IP23 LS1 low position	2,25kg	1530mm
wo	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	BLES	
73	INDUSTRY 1x28W T5 EVG IP23 LS2 low position	2,15kg	1230mm
80	INDUSTRY 1x54W T5 EVG IP23 LS2 low position	2,15kg	1230mm
02	INDUSTRY 1x35W T5 EVG IP23 LS2 low position	2,35kg	1530mm
19	INDUSTRY 1x49W T5 EVG IP23 LS2 low position	2,35kg	1530mm
26	INDUSTRY 1x80W T5 EVG IP23 LS2 low position	2,45kg	1530mm
_	DESCRIPTION	WEIGHT	LENGHT
NE 5	5 POLE PUSH-IN TERMINAL BLOCK		<u> </u>
NE 57	5 POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position	2,0kg	1230mm
NE 57 64	POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position	2,0kg 2.0kg	1230mm 1230mm
NE 9 57 64 70	POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg	1230mm 1230mm 1530mm
NE 57 64 70 87	POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg 2,2kg	1230mm 1230mm 1530mm 1530mm
NE 57 64 70 87	POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg	1230mm 1230mm 1530mm
NE 9 57 64 70 87 94	POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,2kg 2,3kg	1230mm 1230mm 1530mm 1530mm
NE 57 64 70 87 94 WO	5 POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position S POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg BLES	1230mm 1230mm 1530mm 1530mm
NE 9 57 64 70 87 94 WO 25	POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,2kg 2,3kg	1230mm 1230mm 1530mm 1530mm 1530mm
NE ! 57 64 70 87 94 WO 25 32	5 POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position 5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA INDUSTRY 2x28W T5 EVG IP23 LS2 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg BLES 2,2kg	1230mm 1230mm 1530mm 1530mm 1530mm
NE 57 64 70 87 94 WO 25 32 79	5 POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position 5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA INDUSTRY 2x28W T5 EVG IP23 LS2 low position INDUSTRY 2x54W T5 EVG IP23 LS2 low position INDUSTRY 2x35W T5 EVG IP23 LS2 low position INDUSTRY 2x35W T5 EVG IP23 LS2 low position INDUSTRY 2x35W T5 EVG IP23 LS2 low position INDUSTRY 2x49W T5 EVG IP23 LS2 low position INDUSTRY 2x49W T5 EVG IP23 LS2 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg 8LES 2,2kg 2,2kg 2,2kg	1230mm 1230mm 1530mm 1530mm 1530mm 1230mm
57 64 70 87 94	5 POLE PUSH-IN TERMINAL BLOCK INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position 5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA INDUSTRY 2x28W T5 EVG IP23 LS2 low position INDUSTRY 2x54W T5 EVG IP23 LS2 low position INDUSTRY 2x35W T5 EVG IP23 LS2 low position INDUSTRY 2x35W T5 EVG IP23 LS2 low position INDUSTRY 2x35W T5 EVG IP23 LS2 low position INDUSTRY 2x49W T5 EVG IP23 LS2 low position INDUSTRY 2x49W T5 EVG IP23 LS2 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg 8LES 2,2kg 2,2kg 2,2kg 2,2kg 2,4kg	1230mm 1230mm 1530mm 1530mm 1530mm 1230mm 1230mm 1530mm

INDEX	DESCRIPTION	WEIGHT	LENGHT
.S1 - ONE 5	POLE PUSH-IN TERMINAL BLOCK		
543104 543111 543234 543241 543258	INDUSTRY 1x28W T5 EVG IP23 LS1 low position INDUSTRY 1x54W T5 EVG IP23 LS1 low position INDUSTRY 1x35W T5 EVG IP23 LS1 low position INDUSTRY 1x49W T5 EVG IP23 LS1 low position INDUSTRY 1x80W T5 EVG IP23 LS1 low position	1,95kg 1,95kg 2,15kg 2,15kg 2,25kg	1230mm 1230mm 1530mm 1530mm 1530mm
ا .52 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	BLES	
543173 543180 543302 543319 543326	INDUSTRY 1x28W T5 EVG IP23 LS2 low position INDUSTRY 1x54W T5 EVG IP23 LS2 low position INDUSTRY 1x35W T5 EVG IP23 LS2 low position INDUSTRY 1x49W T5 EVG IP23 LS2 low position INDUSTRY 1x80W T5 EVG IP23 LS2 low position	2,15kg 2,15kg 2,35kg 2,35kg 2,45kg	1230mm 1230mm 1530mm 1530mm 1530mm
INDEX	DESCRIPTION	WEIGHT	LENGHT
.S1 - ONE 5	POLE PUSH-IN TERMINAL BLOCK		
543357 543364 543470 543487 543494	INDUSTRY 2x28W T5 EVG IP23 LS1 low position INDUSTRY 2x54W T5 EVG IP23 LS1 low position INDUSTRY 2x35W T5 EVG IP23 LS1 low position INDUSTRY 2x49W T5 EVG IP23 LS1 low position INDUSTRY 2x80W T5 EVG IP23 LS1 low position	2,0kg 2.0kg 2,2kg 2,2kg 2,3kg	1230mm 1230mm 1530mm 1530mm 1530mm
.S2 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CA	BLES	
543425	INDUSTRY 2x28W T5 EVG IP23 LS2 low position INDUSTRY 2x54W T5 EVG IP23 LS2 low position	2,2kg 2,2kg	1230mm 1230mm

3 TUBES T5	INDEX	DESCRIPTION	WEIGHT	LENGHT
	LS1 - ONE 5 F	POLE PUSH-IN TERMINAL BLOCK		
	543623 543630 543715 543722 543739	INDUSTRY 3x28W T5 EVG IP23 LS1 low position INDUSTRY 3x54W T5 EVG IP23 LS1 low position INDUSTRY 3x35W T5 EVG IP23 LS1 low position INDUSTRY 3x49W T5 EVG IP23 LS1 low position INDUSTRY 3x80W T5 EVG IP23 LS1 low position	2,25kg 2,25kg 2,45kg 2,45kg 2,55kg	1230mm 1230mm 1530mm 1530mm 1530mm
the the	LS2 - TWO 5	POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CAB	LES	1
<u>(c) - (c)</u> η = 88%	543661 543678 543777 543784 543791	INDUSTRY 3x28W T5 EVG IP23 LS2 low position INDUSTRY 3x54W T5 EVG IP23 LS2 low position INDUSTRY 3x35W T5 EVG IP23 LS2 low position INDUSTRY 3x49W T5 EVG IP23 LS2 low position INDUSTRY 3x80W T5 EVG IP23 LS2 low position	2,45kg 2,45kg 2,65kg 2,65kg 2,75kg	1230mm 1230mm 1530mm 1530mm 1530mm

UNIVERSAL LIGHT DISTRIBUTION FOR T8 LAMPS

1 TUBE T8	INDEX	DESCRIPTION	WEIGHT	LENGHT
	LS1 - ONE 5	POLE PUSH-IN TERMINAL BLOCK		
-	543074	INDUSTRY 1x36W T8 EVG IP23 LS1 standard version	1,95	1285mm
	543197	INDUSTRY 1x58W T8 EVG IP23 LS1 standard version	2,15	1585mm
	LS2 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 x 2,5MM ² CABLE	S	
	543128	INDUSTRY 1x36W T8 EVG IP23 LS2 standard version	2,15kg	1285mm
* ·····	543265	INDUSTRY 1x58W T8 EVG IP23 LS2 standard version	2,35kg	1585mm

2 TUBES T8

INDEX	DESCRIPTION	WEIGHT	LENGHT
LS1 - ONE 5	POLE PUSH-IN TERMINAL BLOCK		
543005 543012	INDUSTRY 2x36W T8 EVG IP23 LS1 standard version INDUSTRY 2x58W T8 EVG IP23 LS1 standard version	2,0kg 2.0kg	1285mm 1585mm
LS2 - TWO	5 POLE PUSH-IN TERMINAL BLOCK CONNECTED WITH 5 $ imes$ 2,5MM ² CABLE	S	
543371 543500	INDUSTRY 2x36W T8 EVG IP23 LS2 standard version INDUSTRY 2x58W T8 EVG IP23 LS2 standard version	2,2kg 2,4kg	1285mm 1585mm

Accessory



ALUMINIUM LOUVER 36 W - 543982 58W - 543999 28W, 54W - 543968 35W, 49W, 80W - 543975



ACCESSORY - 543944



Complete offer





Suspended fittings



Track and surface mounting fittings



Recessed and surface fittings



Downlights



Industrial fittings



Floodlights



Accent fittings



Emergency fittings

Street lighting



For years Lena Lighting S.A. has been a leading producer of professional, cost effective light fittings. Thanks to the cooperation with biggest electro-technical wholesalers and our own network of sales representatives, Lena Lighting's light fittings can be found wherever the highest quality of lighting is required. By developing the export to already more than 50 countries all over the world, Lena Lighting S.A. has achieved the position as the unquestionable leader among Polish exporters of professional lighting.

One of the success foundations of Lena Lighting is high quality of manufactured fittings. Since 2005, the Company has been operating within the ISO 9001:2000 system. Our specialists from the Research and Development Department are constantly working on increasing the quality standards. The products meet very high international standards resulting in their reliability, long life cycle and energy-efficiency. Electronic systems increase the energy efficiency, at the same time improving the illumination quality.

The use of energy-efficient fluorescent lamps and LEDs light sources gives us significant economic and environmental benefits.



POLISH MANUFACTURER - GUARANTEE OF QUALITY AND AVAILABILITY OF PRODUCTS.



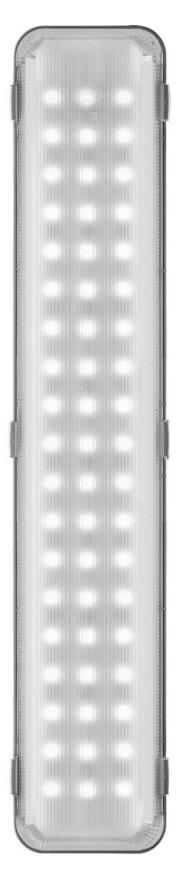
We introduce

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