



DR111 - WF

Typology

LED DR111.

Features

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.

Base in thermoresistant plastic material.

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.

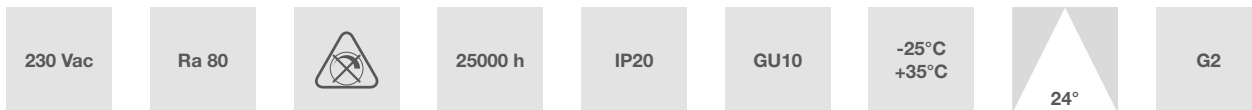
Usage information

Compatible with 12V AC 50/60Hz output electromagnetic transformers (item 08083 can only be used with an electronic transformer with AC 50/60Hz output).

Do not use this item with electronic transformers for halogen lamps.

Do not use with dimmer.

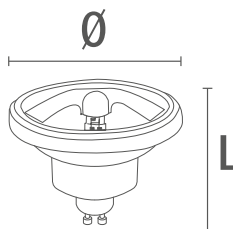
Can be used with Duralamp's drivers for LED: maximum load should not exceed 55% of the rated power of the transformer.



Characteristic data

Power	13 W	Beam	24°	Dimmable	No	Input	230 Vac
Base	GU10	IP	20	Flux	900 lm	PF	0,70
Tc	3000 K	Ra	80	LED Warranty	G2	Axis	2600 cd

Dimensional characteristics



Ø	111 mm
H	65 mm

Lighting and photometric features

Beam opening	24°
Flux	900 lm
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
Colour rendering index	80
Lifespan	25000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

Electrical characteristics

Rated power	13 W
Input voltage	230 Vac
Frequency	50 Hz
Dimmable	No
Power factor (PF)	0,70
Weighted energy consumption	13 kWh/1000h
Number of cycles	100000
Operating temperature	-25°C / +35°C
Equivalence with incandescent lamp	100
Operating position	360°

Photometry

	3000K	H(m)	D(m)	Emax(lx)	
	Ra80		26°		
	Fixture Power	13W	1	0.45	2086
	Source Flux	900lm	2	0.91	521
	Fixture Flux	900lm	3	1.36	232
	Efficacy	69lm/W	4	1.81	130
850142 I _{max} =2317cd/klm	I _{max}	2086cd	5	2.27	83

EulumDat file on the site

Other Infotech

Reflector	Yes
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LED Warranty

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.
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Standards and Directives

2009/125/EC, 244/2009, 859/2009, 1194/2012, 2015/1428, 2010/30/EU, 874/2012, 2011/65/EU, 2012/19/EU, 2014/30/EU, 2014/35/EU, 2015/863	CEI EN 62031/A1/A2:2015
CEI EN 55015:2020	CEI EN 62471:2010
CEI EN 60968:2016	IEC TR 62471-2:2009
CEI EN 61000-3-2:2019	CEI EN 62560:2013
CEI EN 61000-3-3:2014	CEI EN 62560/A1:2017
CEI EN 61547:2010	CEI 34-141:2014
CEI EN 62031:2009	

Logistics data

Item net weight	117 gr
Barcode single item	8011905850142
Number of pieces multiple pack	5
Barcode multiple pack	8011905851132