



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.

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.

BASIC

12 Vdc

Ra 80

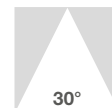


25000 h
L70B50

IP20

G53

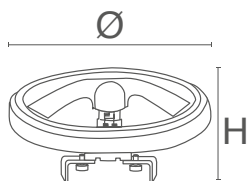
-25°C
+35°C



Characteristic data

Power	11 W	Beam	30°	Dimmable	No	Input	12 Vdc
Base	G53	IP	20	Flux	1250 lm	Axis	1550 cd
PF	0,70	Tc	4000 K	Ra	80	LED Warranty	G2

Dimensional characteristics



Ø	111 mm
H	65 mm

Lighting and photometric features

Beam opening	30°
Flux	1250 lm
Axis	1550 cd
CCT nominal colour temperature	4000 K
Colour of the light	Natural light
Colour rendering index	80
Lifespan	25000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

Electrical characteristics

Rated power	11 W
Input voltage	12 Vdc
Dimmable	No
Power factor (PF)	0,70
Weighted energy consumption	11 kWh/1000h
Energy efficiency class	G
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

	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	Imax=2318cd/klm	Imax	2318cd	5	2.27	93

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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European Directives

2009/125/EC * Ecodesign
2011/65/EU * RoHS
2012/19/EU * RAEE
2014/30/EU * EMC
2015/863 * Amending RoHS
2017/1369 * Regulation for Energy Labelling
2019/2015 * Regulation for Energy Labelling
2019/2020 * Regulation for Ecodesign
2021/340 * Amending Reg. Energy Labelling
2021/341 * Amending Reg. Ecodesign

Product standards

CEI EN 55015:2020 (+A11:2020)
CEI EN 62838:2016 (+EC:2018)
CEI EN 61000-3-2:2019 (+A1:2021)
CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)
CEI EN 61547:2010
CEI EN 62031:2021 (+A11:2022)
CEI EN 62471:2010
IEC/TR 62471-2:2009
CEI 34-141:2014

Logistics data

Item net weight	118 gr
Barcode single item	8011905850128
Number of pieces multiple pack	10
Barcode multiple pack	8011905851002
Minimum order quantity	5
Minimum packaging	5 / 10