



## 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.



12 Vdc

Ra 80



25000 h  
L70B50

IP20

G53

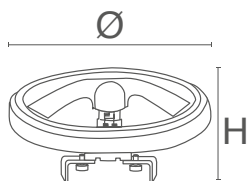
-25°C  
+35°C



### Characteristic data

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

### Dimensional characteristics



Ø	111 mm
H	65 mm

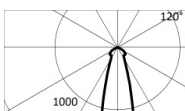
## Lighting and photometric features

Beam opening	30°
Flux	1250 lm
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 I <sub>max</sub> =2318cd/klm	I <sub>max</sub>	2318cd	5	2.27

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