



## DR111 - SF

### Typology

LED DR111.

### Features

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 areas where accent lighting is required.

### Usage information

Compatible with 12V AC output electromagnetic transformers and with drivers for LEDs with constant current drivers.

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

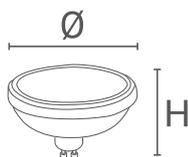
-25°C  
+35°C



### Characteristic data

Power	12 W	Beam	30°	Dimmable	No	Input	12 Vdc
Base	G53	IP	20	Axis	1600 cd	PF	0,70
Tc	3000 K	Ra	>80	LED Warranty	G2		

### Dimensional characteristics



Ø	111 mm
H	66 mm

## Lighting and photometric features

Beam opening	30°
Axis	1600 cd
CCT nominal colour temperature	3000 K
Colour of the light	Warm 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	12 W
Input voltage	12 Vdc
Dimmable	No
Power factor (PF)	0,70
Input current	1.81 A
Weighted energy consumption	12 kWh/1000h
Energy efficiency class	F
Operating temperature	-25°C / +35°C

## 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	8011905003593
Number of pieces multiple pack	10
Minimum order quantity	10
Minimum packaging	10 / 10

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