# **Trungsram**<sup>®</sup>

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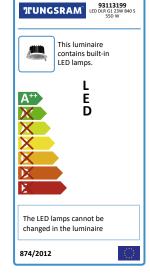


### COB Downlight IP54 LED DLR G1 23W 840 S 55D W 93113199

## **Product information**

The new Tungsram IP54 Downlight range with traditional deep reflector (UGR<19) provides the perfect combination of highefficiency, comfortable lighting and design, without compromising on light performance (colour rendering and colour uniformity). Due to the interchangeable optics (24°, 36°, 55° beam angle) it offers a wide choice of options for creating the desired ambience. IP54 range is designed for general lighting applications in offices, supermarkets, shops, schools, hotels, etc. It is also widely used for public areas, such as stairways, lobbies, receptions.

- Benefits
- High luminous efficiency
- High energy savings up to 70% when compared withconventional CFL fixtures
- Easy installation and maintenance
- Affordable solution for retrofit or new installations



#### Product data

Product code	93113199
Description	LED DLR G1 23W 840 S 55D W
DIALux description	TUNGSRAM - COB Downlight IP54 - 2500lm - 23W - 4000K - 85CRI - 93113199[SKU] - Recessed
Brand	TUNGSRAM
Product category	Downlighters
Product family	COB Downlight UGR<19 IP54
Application areas	Office, Retail, Public buildings
DUN Code	15994100030154
Light source	LED
Sensor	No sensor
Emergency option	No EM
Mounting type	Recessed
Weight [kg]	0,71
Body color	White RAL9016
Product dimensions (Length) x (Width) x (Height) [mm]	Dia 172 x Dia 172 x 90
Operating temperature min [°C]	-20
Operating temperature max [°C]	40
Rated ambient temperature (tq) [°C]	25
Cooling	Passive
Certifications	CE
General warranty [year]	5

#### Performance data

System power [W]	23
Nominal luminous flux [lm]	2500
Rated efficacy [lm/W]	108,695652173913
Rated life L70/B50 [h]	70000
Rated life L80/B20 [h]	50000
IP front (optical)	54
IP back (electrical)	40
IP Rating	54
Impact resistance (IK)	IK06
Energy efficiency class (EEC)	A++

#### Photometrical data

Photometric distribution	Wide Flood
Nominal correlated colour temperature (CCT) [K]	4000
Colour rendering index (CRI) [Ra]	>=85
Nominal beam angle [°]	55
UGR value (4H8H)	17,9
Colour consistency in MacAdam steps SDCM	≤6
Photobioligical risk	RG1

#### **Electrical data**

IEC protection class	Class II
Operating voltage [V]	220-240V
Rated frequency or frequency range [Hz]	50/60Hz
Lamp input current [mA]	107
Nominal lamp power factor	>=0.9
Controllability	Static

#### Logistic data

Box quantity	1
Shipment	Standard
Product status	Available
Accessory	lens and reflector

#### Downloads & Links

Go to the catalog site (HTTP) Datasheet (PDF) Installation guide (PDF) Images (HTTP) DoC documents (PDF) Datasheet (FR) (PDF)



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