

COB Downlight IP54

LED DLR G1 18W 840 S 55D W 200 SB

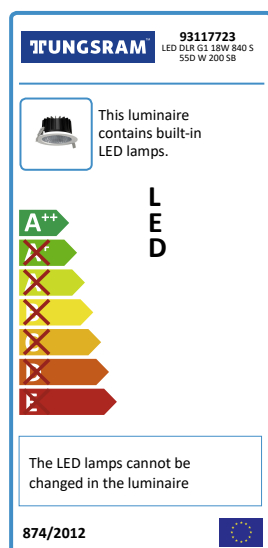
93117723

Product information

The new Tungsram IP54 Downlight range with traditional deep reflector (UGR<19) provides the perfect combination of high efficiency, 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 with conventional CFL fixtures
- Easy installation and maintenance
- Affordable solution for retrofit or new installations



Product data

| | |
|---|---|
| Product code | 93117723 |
| Description | LED DLR G1 18W 840 S 55D W 200 SB |
| DIALux description | TUNGSRAM - COB Downlight IP54 - 2000lm - 18W - 4000K - 85CRI - 93117723[SKU] - Recessed |
| Brand | TUNGSRAM |
| Product category | Downlighters |
| Product family | COB Downlight UGR<19 IP54 |
| Application areas | Office, Retail, Public buildings |
| DUN Code | 15994100060083 |
| Light source | LED |
| Sensor | No sensor |
| Emergency option | No EM |
| Mounting type | Recessed |
| Weight [kg] | 1,14 |
| Body color | White RAL9016 |
| Product dimensions (Length) x (Width) x (Height) [mm] | Dia 228 x Dia 228 x 99 |
| 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] | 18 |
| Nominal luminous flux [lm] | 2000 |
| Rated efficacy [lm/W] | 111,111111111111 |
| 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 |
| Colour consistency in MacAdam steps SDCM | ≤ 6 |
| Photobiological 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] | 85 |
| 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 \(FR\) \(PDF\)](#)