



Downlight Type DB Essential [Dimmable]

OSRAM LED Inside

POWER

• 10W • 12W • 16W • 20W

TECHNICAL SPECIFICATION

eclick Downlight DB Essential

Type

4" Round

6" Round

Optical Specification

- Color Temperature (CCT)
- Color
- Color Rendering Index (CRI)
- Color Code
- Luminous Flux (6500K)
- Luminous Efficacy (Normal)
- Beam Angle
- Flickering
- Dimming Capability

3000 K / 4000 K / 6500 K

Warm White / Neutral White / Cool White

> 80

830 / 840 / 865

920 lm

1100 lm / 1480 lm / 1850 lm

92 lm/W

92 lm/W

120°

No

Yes. Phase-cut

Electrical Specification

- Power Consumption (System)
- Input Voltage (Normal)
- Input Frequency (Normal)
- Power Factor
- Maximum AC Input Current
- Protection
- LED Chip

10W

12W / 16W / 20W

220 - 265 V

50 / 60 Hz

> 0.95

< 0.5A

Short Circuit Protection

Osram Mid-Power LED

Mechanical Specification

- Heatsink Material
- Diffuser Material
- PCB Material
- Operating Temperature
- Operating Humidity
- Ingress Protection
- Hole Size
- Surface Diameter

Cast Aluminium

Polycarbonate

Sumitomo LED-Grade CEM-3 PCB

0°C - 40°C

20 - 90 %RH

IP20

IP20

115mm

145mm

150mm

180mm

PRODUCT RELIABILITY

Life Span of Product > 36,000 hrs

Average Lumen Maintenance After 6000hrs 97.3% Initial Lumen

LED 80% Lumen Maintenance (L80) > 36,000 hrs

LED 90% Lumen Maintenance (L90) 30,000 hrs



COLOUR OF LIGHT

[3000K]
[4000K]
[6500K]