

Tuneable RGB CCT Recessed Downlight — Specification Sheet

<b>10W</b> Power	<b>826 lm</b> System Output	<b>CRI ≥90</b> Colour Quality	<b>36°</b> Beam Angle	<b>Ø75 Cut</b> Cutout	<b>IP20/54</b> Protection
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**PRODUCT FEATURES**

- Precision aluminium die-cast heat sink for improved thermal management
- Electrostatic powder-coat finish consistent colour across fixtures
- High-transmittance PC optical cover — soft, even beam with no astigmatism
- Narrow trim, adjustable recessed mount (30° tilt, 355° rotation)
- Bridgelux V6 HD LED source CRI >90, SDCM <3 MacAdam steps



**TECHNICAL SPECIFICATIONS**

**Light Source**

LED Source  
**Bridgelux V6 HD**

CRI  
**Ra ≥90**

CCT  
**3000K**

LED Output  
**1,140 lm**

System Output  
**826 lm**

SDCM  
**<3 MacAdam**

Forward Voltage  
**35.8V**

Max Current  
**600 mA**

**Electrical**

Power  
**10W**

Input Voltage  
**AC220–240V 50/60Hz**

Output Voltage  
**30–42V DC**

Output Current  
**250 mA**

Driver Certs  
**CCC / CE / ENEC / RCM**

**Optical**

Beam Angle  
**36°**

Adjustable (Tilt)  
**30°**

Rotatable  
**355°**

Shading Angle  
**35°**

UGR  
**<10**

**Fixture**

Material  
**Aluminium Die Casting**

Finish  
**White Frame + Black Radiator**

Operating Temp  
**-20°C to +40°C**

Storage Temp  
**25°C**

Safety Class  
**Class II**

Certifications  
**CE / RoHS / EMC / LVD**

Warranty  
**3 Years**

**Dimensions**

Overall  
**Ø84 mm x H85 mm**

Cutout  
**Ø75 mm**

Version  
**Round**

Mounting  
**Recessed**

Trim Style  
**Narrow Trim Frame**

**General**

Environment  
**Indoor**

IP Rating  
**IP20 / IP54**

Adjustment  
**Tilt + Rotate**

Application  
**Commercial / Office / Hospitality**

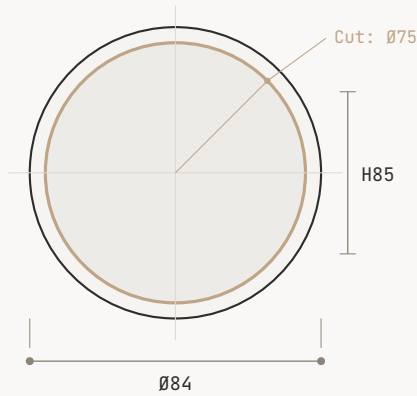
**AVAILABLE CONFIGURATIONS**

	2700K	3000K	4000K
18°	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
24°	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
36°	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
50°	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Wattage options: 10W | 12W | 15W

- Detailed photometric data shown for this configuration. Contact LightEFX for full variant specifications.

DIMENSIONS



All dimensions in mm

REFERENCE CONFIGURATION

**LED-DL-M6310TR2D-10W-3000K**

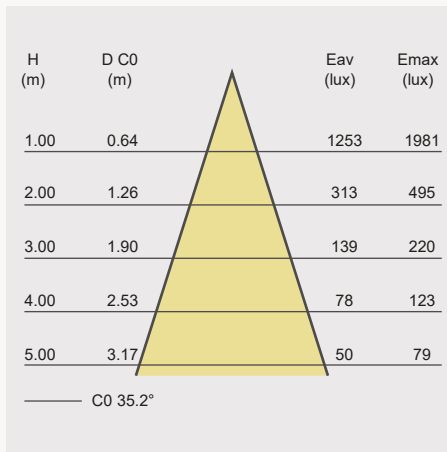
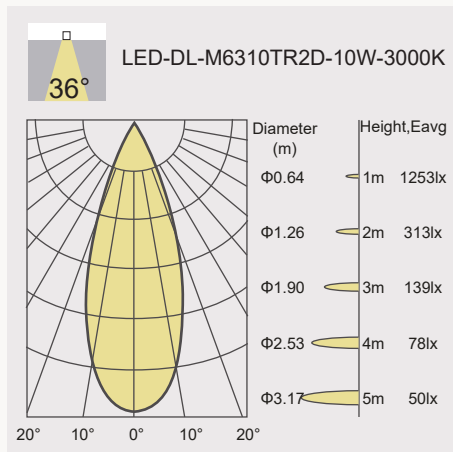
Beam angle C0: 35.2°  
36° nominal | 10W | 3000K

**Quick Reference**

At 1m distance	1,253 lux avg / 1,981 lux peak
At 2m distance	313 lux avg / 495 lux peak
At 3m distance	139 lux avg / 220 lux peak

PHOTOMETRIC DATA

Height (m)	Diameter C0 (m)	Eav (Lux)	Emax (Lux)
1.00	0.64	1,253	1,981
2.00	1.26	313	495
3.00	1.90	139	220
4.00	2.53	78	123
5.00	3.17	50	79



Data per LED-DL-M6310TR2D-10W-3000K reference configuration.

COMPLIANCE

CE
RoHS
EMC
LVD
IP20
IP54
SAA
Class II

Specifications are subject to change without notice. All data is based on laboratory testing at 25°C ambient. Actual performance may vary depending on installation conditions. LightEFX recommends verification with project-specific lighting calculations.