

GEO12

Fixed Downlight – Colour Selectable



Part of the GeoLED range, the GEO12 is a versatile general-purpose downlight designed for both residential and commercial applications. Suitable for new builds or retrofit installations, the GEO12 features an easy-to-use dip switch, allowing colour temperature selection from a warm 2700K through to a crisp 6500K to suit the space and desired ambience. A sleek powder-coated aluminium body, smooth PMMA diffuser, large connector block, and removable driver combine to deliver reliable performance with simple installation and maintenance.

General

Product Codes

White	ICDLR12WCCT-WH
Black	ICDLR12WCCT-BLK
Brushed Chrome	ICDLR12WCCT-BCH

Dimensions (mm)

Front Face = 108Ø x 42H

Cut Out = 92-99Ø

Finish Options

Material:	Aluminium	<i>* not suitable for coastal applications</i>
Diffuser:	Opaque PMMA	

Electrical

Ambient Operating Temperature

(-20° ~ +45°)

Voltage & Power Factor

230V

> 0.9

Power Consumption

12W

Class

Class III

Rating

IC-F / IC-4

Luminous Efficacy

100 lm/W (+/- 5%)

Driver

Replaceable*

Dimming Options

Triac Dimmable*

Dali Dimmable upgrade available

*Refer website for dimmer compatibility testing

Driver can be replaced, cable compatibility TBC upon order

Weight

0.2 kg

Environment

IP44

Mounting

Recessed*

*HCB: 0mm | *SCB: 0mm | Height of fitting: 42mm

*HCB (Height Clearance to Building) and SCB (Side Clearance to Building) ratings of 0mm do not indicate that the downlight can be installed directly into solid materials such as concrete or timber without consideration for ventilation. Adequate allowance must always be made for heat dissipation. Do not install within 500mm of the

Photometrics

Flux (Lumens)

2700K - 1158lm (+/- 5%)

3000K - 1194lm (+/- 5%)

4000K - 1274lm (+/- 5%)

5000K - 1242lm (+/- 5%)

6500K - 1167lm (+/- 5%)

Lumen Maintenance

50,000 hours (L70)

Optics

Opal

Beam Angle

90°

Light Source

Integrated SMD LED

Correlated Colour Temperature

2700K, 3000K, 4000K, 5000K, 6500K

(5x CCT Switchable)

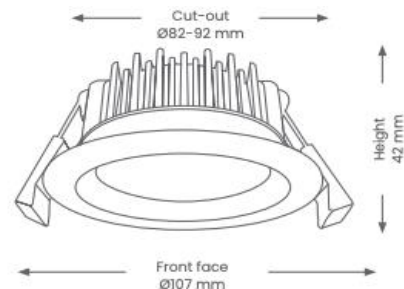
Colour Rendering Index (CRI)

CRI >80

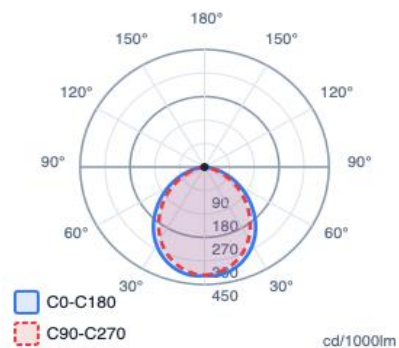
Product Image



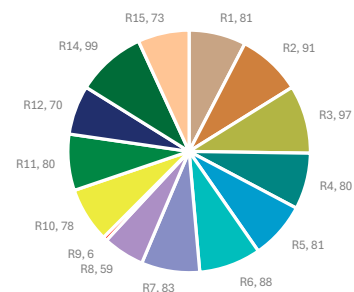
Product Illustration



Light Distribution



Colour Quality Scale



All product specification are correct at the time of printing, and are subject to change without notice.

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T: 0800 OUT A BX (688229) | W eurotechlighting.co.nz | E info@eurotechlighting.co.nz