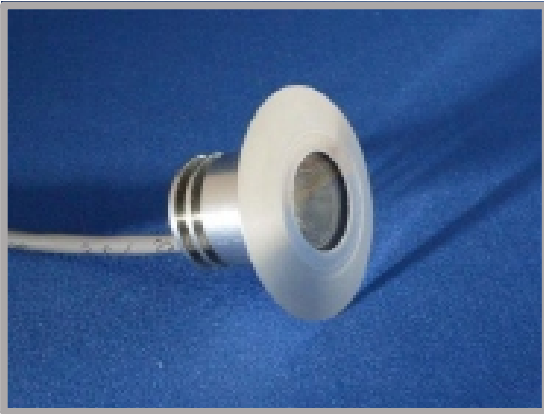


Polaris I - Mk2

Recessed Single-LED Light Unit



Features

- On-board driver technology
- Powered by Luxeon Rebel™
- Built-in thermal protection
- Multiple Finish/Optic/Colour Options
- Durable machined aluminium housing
- Weather-proof to IP67

Description

The Polaris I is a compact single-LED fitting, ideal for in-ground or flush-mounting applications.

Typical applications for the Polaris I include decking areas, water features, walkways, residential, hotel, bar and club environments. It is also suitable for flush ceiling or canopy lighting applications and is available in various single colours.

The Polaris-I has on-board driver circuitry, allowing it to be powered from a variety of **12VDC constant voltage** sources. This also eliminates the requirement for external current-limiting drivers and allows the installer to wire the units in parallel.

The built-in driver has thermal protection to keep the LED temperature at an optimum.

LIGHTING PERFORMANCE

Model	Light Source	LED Qty	Lumen Output	Expected Lifetime
Single-Colour	Luxeon Rebel	1	95 @ 350mA	50,000hrs +

NB: Lumen values quoted on Cool White (6500°K)

INPUT DATA

Model	Drive Current	Input Voltage	Power Supply	Input Connection
Single-Colour	350mA	12VDC	Constant Voltage	500mm Flying Lead

OPERATING DETAILS

Model	LED Drive Current	Ambient Temp. Range
Single-Colour	350mA	-10 to +40 Degrees C

PHYSICAL DETAILS

Model	Mounting Type	Finishes	IP
All Models	Spring Clip	Anodised Matt Silver	IP67
Other finishes are available on request			

OPTICS

Model	Optics
All Models	Narrow, Medium, Wide

COLOURS

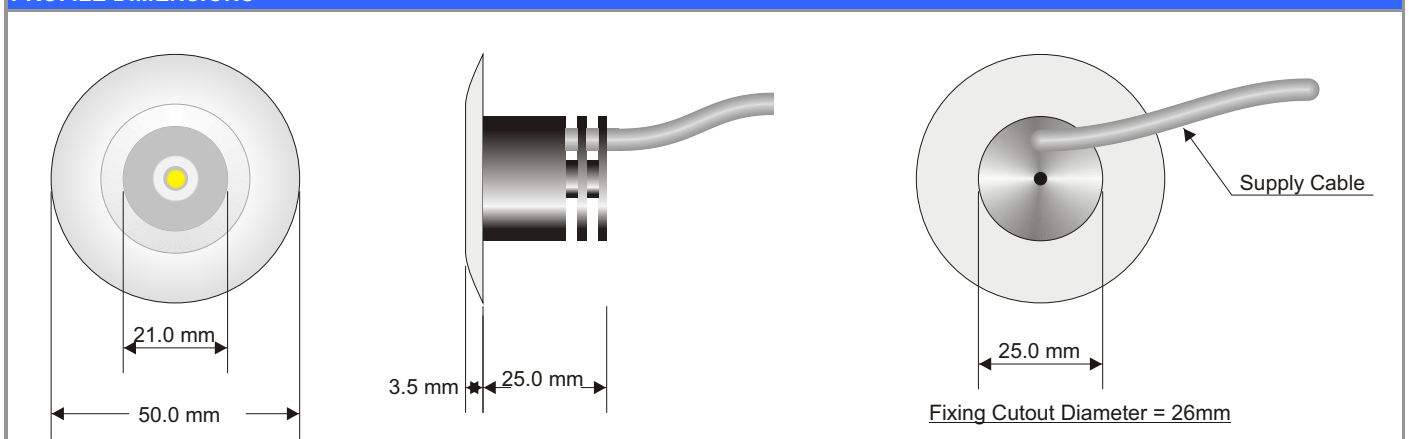
Model	Single LED Colours
Single-Colour	Red, Green, Blue, Amber, Cool White, Neutral White, Warm White

RECOMMENDED DRIVERS

Model
D6CV12
D100CV12



PROFILE DIMENSIONS



We reserve the right to make changes at any time in order to maintain the highest product quality.