



Description

The POLARIS is a compact Single LED fitting ideal for in-ground applications.

It is IP67 rated for indoor or outdoor use.

Typical applications for the Polaris RGB include Decking areas, Water Features, Walkways, Residential, Hotel, Bar and Club environments.

It is also ideal for flush ceiling or canopy lighting applications.

The Polaris has on board driver technology, allowing it to be powered from a variety of DC Constant voltage sources.

This eliminates the requirement for external current limiting drivers and allows the installer to wire units in parallel.

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

Various cable lengths are available to give designers excellent flexibility with this product.

Features

Lumen Output	73.5 Typical Lumens
Wattage	1.2 Watt
Input Power	220 to 240 Volts ac
Efficacy	70 lm/W C/W
Color Temperature (CCT)	2300-5000K
Color Rendering Index (CRI)	80
Beam Spread	Frosted - 6-15-25-40 Degs
Rated Life	50,000 Hrs
LEDs	1 x Luxeon Rebel
Housing	Aluminium PCB Board
Mounting Options	Spring clip for a 30mm Hole
Dimensions	50mm X 25mm X 25mm
Warranty	3 Years
Environment	IP67

Applications

- Decking Areas
- Water Features
- Walkways
- Residential
- Hotel Bar and Club Lighting

Benefits

- The three key benefits of LEDs,
- Efficiency, Lifetime, and Safety,
- Maintenance free operation
- Energy efficient
- Long life 50,000 Hrs +
- Reliability

POLARIS

Weights & Thermal Data

Lamp Type	Weight (kg)	Minimum Operating Temp (-10 °C)	Maximum Ambient Temp (+40 °C)
LED	.08grams		



LIGHTING PERFORMANCE

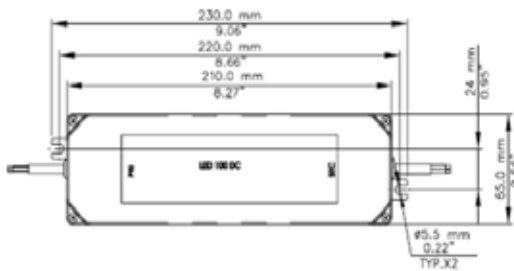
Light Source	LED Qty	Lumen Output	Expected Lifetime
Luxeon Rebel	1	73.5	50,000hrs +

INPUT DATA

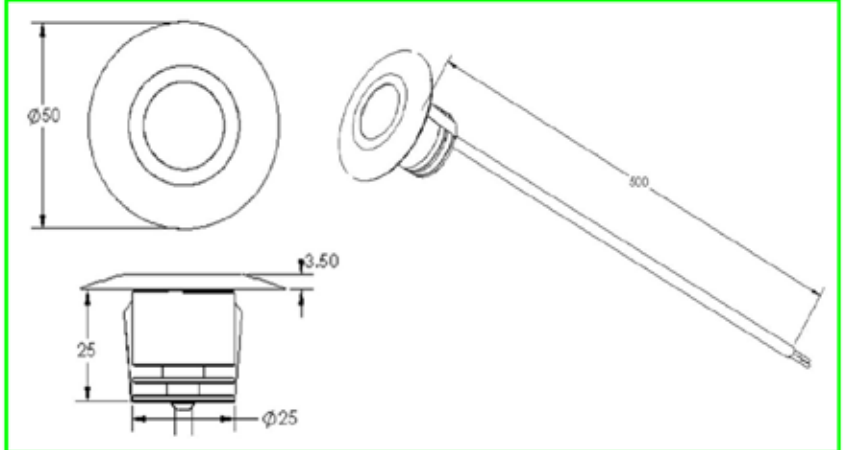
Drive Current	Input Voltage	Power Supply Type	Input Connection
N/A	7-30V DC	Constant Voltage DC	500mm flying Lead

OPERATING DETAILS

LED Drive Current	Ambient Temp Range
350mA	-10 to +40 Degrees C



Mechanical Dimensions



Recommended Drivers

MODEL

D6CV12 - D100CV12

Available Light Output Colours



Order Details

Description Code	LED Colour							Lense Angle Frosted 6-15-25-40			
	C/W	N/W	R	G	B	A	FR	6	15	25	40
POLARIS S/C											
ED55-POLARIS		*							*		

Example Order(*) ED55-POLARIS-N/W-15

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

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