

Description

The REVO 1,2,and 3 are simple plug and play LED Light modules which allow installers to connect the units to a DC power supply (mains transformer, battery etc.) anywhere between 10V and 30V DC

The units are rated IP68 for indoor and outdoor installations.

Typically these units would be for automotive, portable and signalling applications. They can also be used for retail displays, signage, backlighting or architectural lighting.

The LED's in the Revo range are driven at 350mA.

Up to 60 units of the Revo 1 (1 led) can be driven from a 100W 12V power supply, Simplifying installations and creating new opportunities for this innovative product.

Constant Voltage LED Module

Features

Lumen Output	80 lum per LED
Wattage	1.4 Watt per LED
Input Voltage	10 to 30 volts dc
Efficacy	60 lm/W C/W
Color Temperature (CCT)	2300-5000K
Color Rendering Index (CRI)	80
Beam Spread	60 Degs
Rated Life	50,000 Hrs
LEDs	1 - 2 or 3 x Luxeon Rebel
Housing	Aluminium PCB Board
Mounting Options	Surface
Dimensions	63mm X 30mm X 10mm
Warranty	3 Years
Environment	IP68

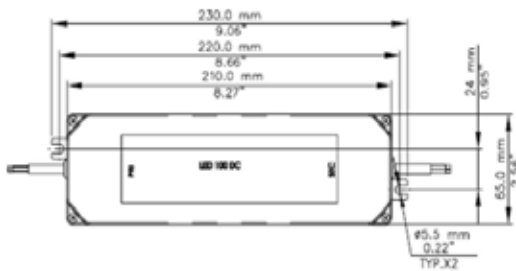
Applications

- Automotive
- Portable
- Under Shelf Lighting
- Cabinet or Cove Lighting
- Retail Displays
- Signage
- Back Lighting

Benefits

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

REVO



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 - 2 or 3	80 TYPICAL	50,000hrs +

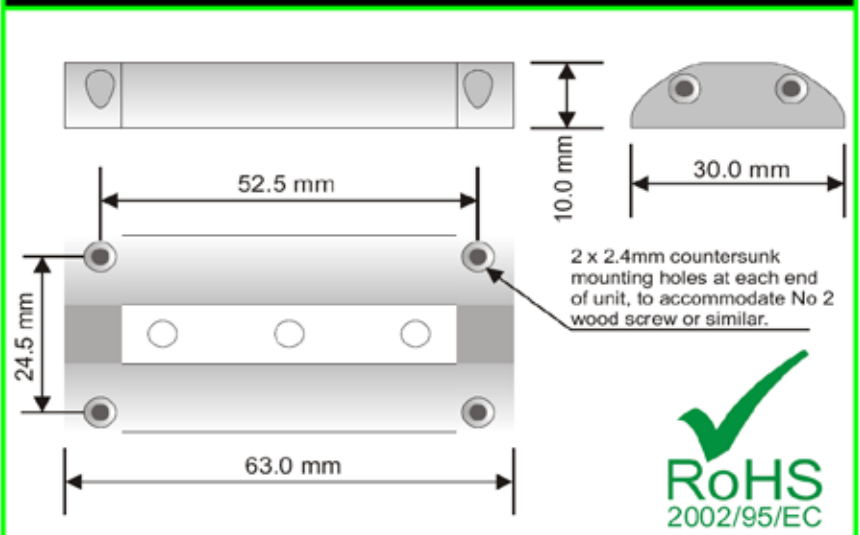
INPUT DATA

Drive Current	Input Voltage	Power Supply Type	Input Connection
N/A	12-30V DC	Constant Voltage DC	Flying Lead

OPERATING DETAILS

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

Mechanical Dimensions



Available Light Output Colours



Recommended Drivers

MODEL

D6CV12 - D100CV12

Order Details

Description Code	LEDs req			LED Colour							
	1	2	3	R	G	B	Y	WW	NW	C/W	
REVO											
ED55-REVO											
*		*								*	

Example Order(*) ED55-REVO-2-C/W

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

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