PowerEYE 360

PowerEYE 180

PowerEYE

PowerEYE is a distinctly decorative, ambient lighting solution. The PowerEYE integrates high power LEDs into the ultra-thin, low-profile, Eyeleds® housing, taking the first step to advance solid-state lighting technology from being purely decorative to a true ambient light source.

The PowerEYE is available in two models, the PowerEYE 360 and PowerEYE 180. The PowerEYE 360 has a fully open lens that emits a 60° light beam, while the PowerEYE 180 has an eyelid-shaped, stainless steel lens cover that directs the light downward with a 45° light beam.
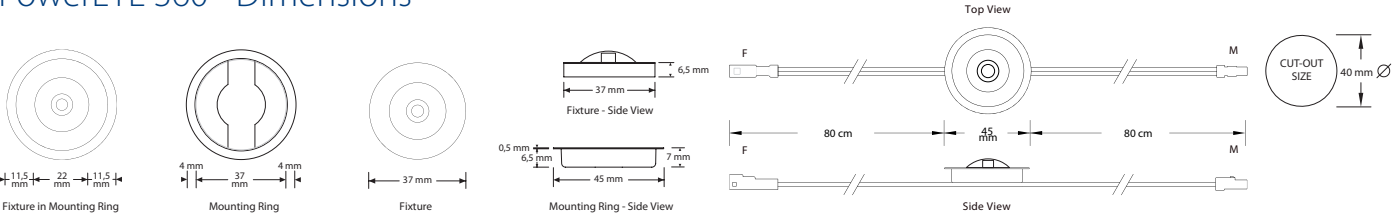
Due to its low-profile housing, the PowerEYE can be installed just about anywhere. The PowerEYE 360 is ideally suited for use in ceilings, under kitchen cabinets, display cases, book cases, recessed cubicles and more. The PowerEYE 180 creates a wall-wash effect when installed into vertical surfaces. The PowerEYE 180 can be installed into many surfaces including natural stone, wood, drywall, stucco, plaster and can be used virtually anywhere such as in baseboards, stair stringers and walkways.

Features & Benefits
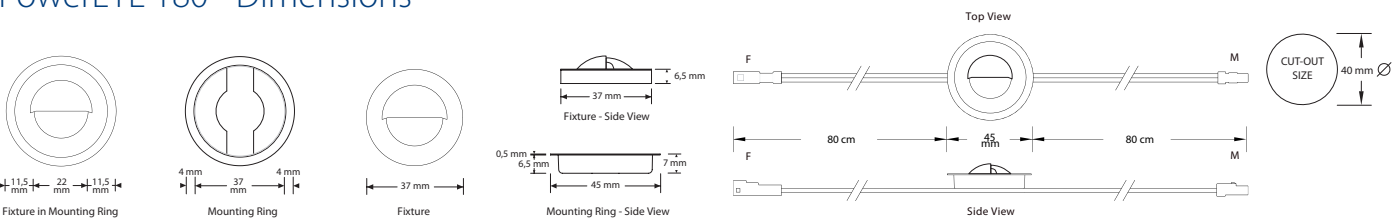
- Powerful, functional light with a wide range of applications
- Energy saving, low power consumption light source
- Long lifespan of up to 50,000 hours
- Unique lens design directs the light
- Cool-White (5500K) and Warm-White (3300K) versions
- Recesses 6.5mm into a 40mm diameter hole
- Cool to the touch, surface temperature won't exceed 55°C

Applications

- Ceilings
- Kitchen Cabinets
- Display Cases
- Book Cases
- Baseboards
- Stair Treads, Stringers & Risers
- Natural Stone, Wood and Wall Coverings

Specifications

Lumen Output	
Warm White 360/180	21 lm/13 lm
Cool White 360/180	23 lm/17 lm
Power Consumption	1,5W
Rated Life	up to 100.000 Hours
LEDs	SMD (Top LED)
Color Temperature	
Warm White	3300K
Cool White	5500K
Materials	
Lens and Housing	Polycarbonate
Metal Parts	Stainless Steel (INOX 316)
Surface Temperature	
Front	Max. 55°C
Back	Max. 31°C
Operating Temperature	-35°C to +65°C
Voltage	12V DC
Warranty	5 Years Limited
Standards	CE
Environment	IP67, indoor application only

PowerEYE 360 - Dimensions

Fixture in Mounting Ring | Mounting Ring | Fixture | Fixture - Side View | Mounting Ring - Side View | Top View | Side View | CUT-OUT SIZE

PowerEYE 180 - Dimensions

Fixture in Mounting Ring | Mounting Ring | Fixture | Fixture - Side View | Mounting Ring - Side View | Top View | Side View | CUT-OUT SIZE

Example Connection Diagram

12V	230-240V
A	Max. 7x PowerEYE
B	Max. 3x PowerEYE
C	Max. 2x PowerEYE

Max. 50m Wire Run

Installation Diagram PowerEYE 360

Ø 40mm
≧ 7mm Thickness
Ø 45mm

Installation Diagram PowerEYE 180

Ø 40 mm
Ø 45 mm
≧ 7mm Wall Thickness
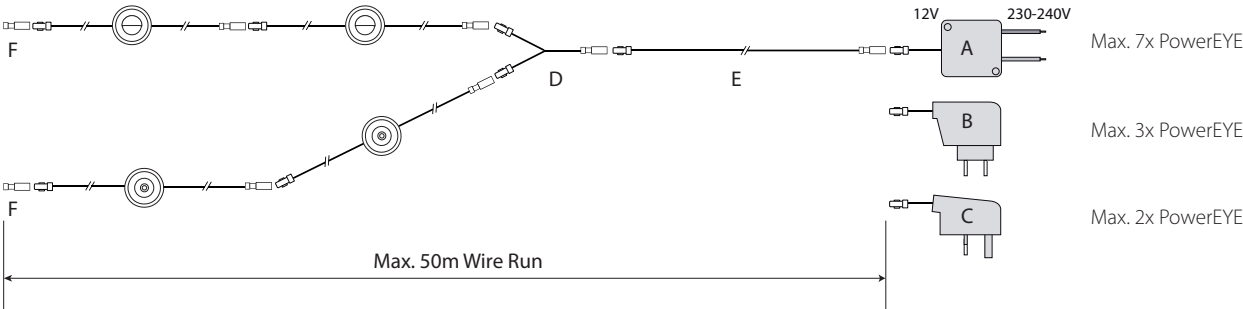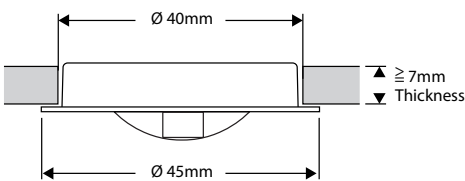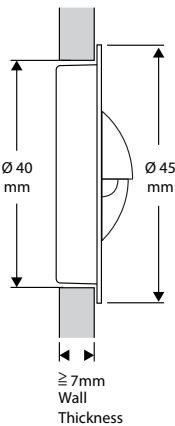
Ordering Information

Description	Finish / LED Colour	Ordering #
PowerEYE 360 - Single, Linkable LED Unit	Stainless Steel / Warm White LED	EPO-RWW-01
PowerEYE 360 - Single, Linkable LED Unit	Stainless Steel / Cool White LED	EPO-RCW-01
PowerEYE 180 - Single, Linkable LED Unit	Stainless Steel / Warm White LED	EPH-RWW-01
PowerEYE 180 - Single, Linkable LED Unit	Stainless Steel / Cool White LED	EPH-RCW-01

Accessory	#	Ordering #	Accessory	#	Ordering #
Built-In Power Supply 12V DC / 12W	(A)	EIA-10000	Extension Cable 100cm	(E)	EIA-30002
Plug-In Power Supply EU 12V DC / 5W	(B)	EIA-11000	Extension Cable 300cm	(E)	EIA-30003
Plug-In Power Supply UK 12V DC / 3W	(C)	EIA-11001	Extension Cable 600cm	(E)	EIA-30004
T-Splitter	(D)	EIA-20000	End Stop	(F)	EIA-40000
			Carpet Clamp Ring		EIA-60000