



PowerEYE 360



PowerEYE 180

Features & Benefits

- Powerful, functional light with a wide range of applications
- Energy saving, low power consumption light source: 12V DC, 1.5W
- Long lifespan of up to 50,000 hours
- Unique lens design directs the light to where it is needed the most
- Available in Cool-White (5500K) and Warm-White (3300K) versions
- Low profile fixture that recesses 6.5mm into a 40mm diameter hole
- Cool to the touch, the temperature of the surface will not exceed 55°C

Applications

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

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.

Specifications

Lumen Output

| | |
|----------------|-------|
| Warm White 360 | 21 lm |
| Warm White 180 | 13 lm |
| Cool White 360 | 23 lm |
| Cool White 180 | 17 lm |

| | |
|--------------------------|------|
| Power Consumption | 1,5W |
|--------------------------|------|

Efficacy

| | |
|----------------|-----------|
| Warm White 360 | 14 lm/W |
| Warm White 180 | 8,7 lm/W |
| Cool White 360 | 15,3 lm/W |
| Cool White 180 | 11,3 lm/W |

| | |
|-------------------|--------------------|
| Rated Life | up to 50.000 Hours |
|-------------------|--------------------|

| | |
|-------------|---------------|
| LEDs | SMD (Top LED) |
|-------------|---------------|

Color Temp.

| | |
|---------------------|-------|
| Warm White Versions | 3300K |
| Cool White Versions | 5500K |

Materials

| | |
|------------------|----------------------------|
| Lens and Housing | Polycarbonate |
| Metal Parts | Stainless Steel (INOX 304) |

Surface Temperature

| | |
|-------|-----------|
| Front | Max. 55°C |
| Back | Max. 31°C |

| | |
|------------------------------|----------------|
| Operating Temperature | -35°C to +65°C |
|------------------------------|----------------|

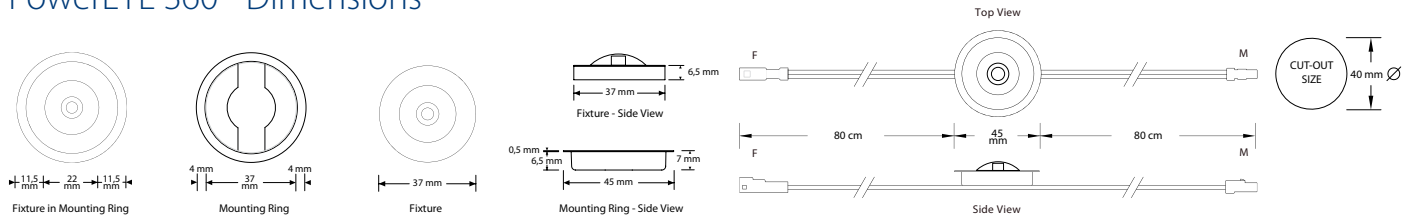
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|----------------|--------|
| Voltage | 12V DC |
|----------------|--------|

| | |
|-----------------|-----------------|
| Warranty | 3 Years Limited |
|-----------------|-----------------|

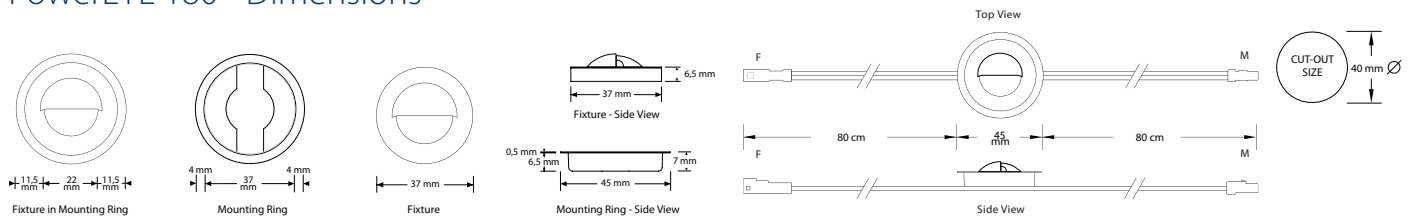
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| Standards | CE |
|------------------|-----------|

| | |
|--------------------|-------------------------------|
| Environment | IP67, indoor application only |
|--------------------|-------------------------------|

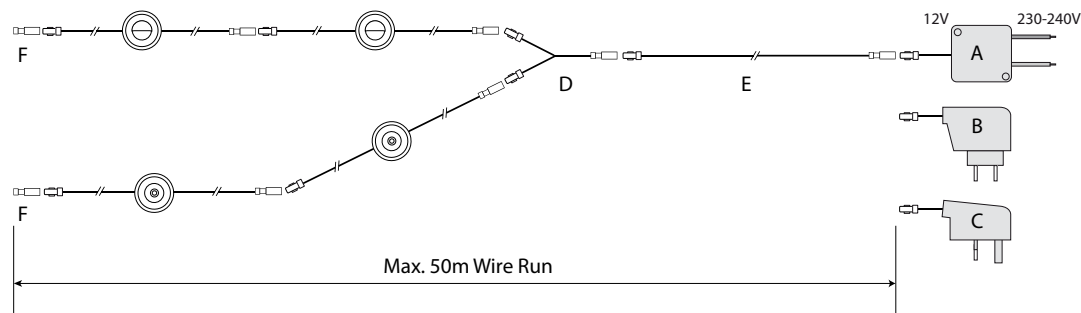
PowerEYE 360 - Dimensions



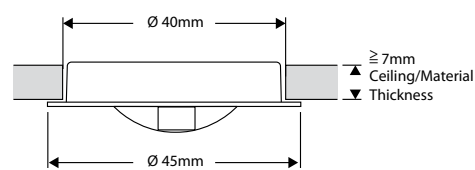
PowerEYE 180 - Dimensions



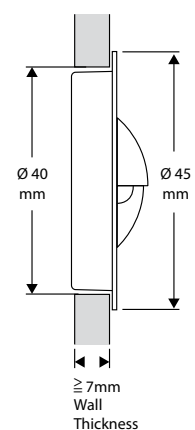
Example Connection Diagram



Installation Diagram PowerEYE 360



Installation Diagram PowerEYE 180



Ordering Information

| Product | Description | Finish/LED Colour | Item Code |
|--------------|---------------------------|----------------------------------|------------------|
| PowerEYE 360 | Single, Linkable LED Unit | Stainless Steel / Warm White LED | 491.399.0U.36309 |
| PowerEYE 360 | Single, Linkable LED Unit | Stainless Steel / Cool White LED | 491.399.0U.03509 |
| PowerEYE 180 | Single, Linkable LED Unit | Stainless Steel / Warm White LED | 491.400.0U.36309 |
| PowerEYE 180 | Single, Linkable LED Unit | Stainless Steel / Cool White LED | 491.400.0U.03509 |

| Accessory | # | Item Code | Accessory | # | Item Code | Accessory | # | Item Code |
|-------------------------------------|-----|--------------|-----------------------|-----|------------------|-------------------|-----|------------------|
| Built-In Power Supply 12V DC / 12W | (A) | AZ.09.00.01U | Extension Cable 50cm | (E) | 324.039.0U.00202 | T-Splitter | (D) | AZ.18.00.01U |
| Plug-In Power Supply EU 12V DC / 5W | (B) | AZ.17.00.21U | Extension Cable 100cm | (E) | 324.040.0U.00202 | End Stop | (F) | 324.031.0U.00102 |
| Plug-In Power Supply UK 12V DC / 3W | (C) | AZ.21.00.21U | Extension Cable 300cm | (E) | 324.041.0U.00202 | Carpet Clamp Ring | | 324.060.0U.00201 |
| | | | Extension Cable 600cm | (E) | AZ.15.00.01U | | | |