

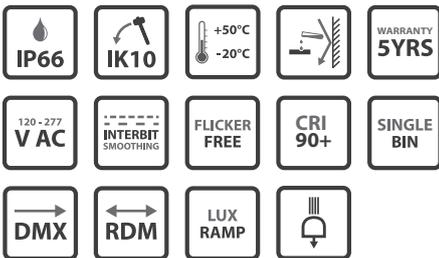
LuxEOS Flood 9 VIVID COLOUR & TUNABLE WHITE

LED FLOOD FOR ARCHITECTURAL LIGHTING



A high performance internally mixed 4 colour LED floodlight using Red, Green, Blue, (Amber or White) (CRI90+) LEDs.

KEY FEATURES



LED COLOUR OPTIONS



FINISH OPTIONS



LIGHT QUALITY BEST IN CLASS

Calling upon our 45+ years of lighting expertise, our custom light engines deliver vibrant, internally mixed colour, smooth dimming and exceptional light output.

HIGH PERFORMANCE

Flicker Free

100,000 hours L70 at 50°C

Single bin selected LED's for colour consistency.

TRUE THERMAL DESIGN

Convection cooled for completely silent operation

Intelligent thermal management

Precision engineered housing.

DURABLE AND RELIABLE

Waterproof to IP66 with an IK10 rating

Cast LM6 aluminium

Corrosion resistant as standard

Toughened glass & marine grade fasteners.

CUSTOMISE TO YOUR SPECIFICATION

RAL paint finishes

Bespoke mounting brackets

Comprehensive range of beam angles are available

Single colour options.

UK DESIGN & MANUFACTURE

The LuxEOS range of products are all designed and manufactured in **Hertfordshire, UK.**

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| Options | Light Engine | LED Type |  Quad VC RGBW 5700K |  Quad VC RGBW 2700K |  Quad VC RGBA 1700K |  TW A 1700K W 2700K C 5700K |  Custom |
|----------------------|---|--|--|--|--|--|--|
| | | No. of LED's | 36 | 36 | 36 | 36 | On enquiry |
| | | CRI | 90+ (white) | 90+ (white) | - | 90+ (CW) | On enquiry |
| | | Wavelength CCT (Colour Temp K) | R 624 - 634nm G 525 - 530nm B 445 - 450nm Cool W - 5700K | R 624 - 634nm G 525 - 530nm B 445 - 450nm Warm W - 2700K | R 624 - 634nm G 525 - 530nm B 445 - 450nm Amber - 1700K | Amber - 1700K Warm - 2700K Cool - 5700K | Custom single and multiple population |
| | | Lumen output (All) | 2389 lm | 2060 lm | 1937 lm | 3773 lm | On enquiry |
| | | Lumen maintainance | 100,000 hours L70 at 50° C (Projected lifetime based on extrapolated LM-80 data) | | | | |
| | Optics | Circular | 10° | 20° | 40° | 80° | Custom |
| Elliptical | | 10° x 60° | 60° x 10° | | | On enquiry | |
| Body Finish | RAL Reference |  9005 Black |  9006 Silver |  9016 White | |  CUSTOM | |
| | Finish | MN805L matt | SW262D matt | MA816E matt | | On enquiry | |
| | Material | AkzoNobel polyester exterior grade powder coat | | | | | |
| Specifications | Electrical | Power input | 120 - 277 V AC @ 50/60Hz. | | | | |
| | | Wattage | 60W. | | | | |
| | | Control | DMX 512 - 4 channels (VC) 3 channels (TW) Resolution - 8 bit (with intelligent smoothing) RDM - Remote Device Management for easy setup Thermal - Automatic Thermal Management built in. | | | | |
| | | Connection | Combined Power and DMX, provided on a QuickLINK+ connector. | | | | |
| | Physical | Weight & Dimensions | 7.2 kgs (15.9lbs) 350mm (H) x 255mm (W) x 150mm (D) (including yoke). | | | | |
| | | Material and finish | Cast LM6 aluminium, powder coated - corrosion pre-treatment as standard. | | | | |
| | | Mount options | Multi-purpose bracket. | | | | |
| Lens and front glass | | Acrylic lenses and toughened front glass to IK10. | | | | | |
| Temperature range | | -20 to +50°C. | | | | | |
| Ingress protection | IP66 - Dry conditions and damp or wet interior/exterior environments. | | | | | | |
| Accessories | Installation | Mounting plate | Installed as part of the first fix installation, allowing the rotation of the luminaire post installation. | | | | |
| | | Connection Kits | 1m QuickLINK+ Cable | A 1metre long QuickLINK+ cable, one end is bare to enable the connection to existing wiring. | | | |
| | IP Enclosure +1m QuickLINK+ | | An IP66 wiring enclosure with a 1m QuickLINK+ tail to plug into LuxEOS luminaires. | | | | |
| | IP Enclosure +1m QuickLINK+ with QuickLINK Tails | | An IP66 wiring enclosure with a 1m QuickLINK+ tail to plug into LuxEOS luminaires. This variant also has QuickLINK tails so that the luminaires can be daisy chained together with a single cable run. | | | | |
| | LuxCONNECT Wireless | | A wireless DMX controller fitted within an IP65 enclosure. Controlled via the Casambi app. | | | | |
| | Optical Control | Louvre | Individual baffles for each LED cluster to minimise glare. | | | | |
| | | Snoot | A baffle that fits around the luminaire to reduce off-axis glare. | | | | |
| Half Snoot | | A baffle that reduces off-axis glare from the top of the luminaire only. | | | | | |

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LuxEOS FLOOD - PART NUMBERS

| OPTIONS | DESCRIPTION | PART NUMBER STRUCTURE | | | | | | | |
|--|---|-----------------------|------|-------|-----|-------|------|-----|----|
| | | LSQU | XXX. | XXXX. | XX. | XXXX. | XXX. | XX. | XX |
| LSQU | LuxEOS luminaire | LSQU | | | | | | | |
| A09 / A18 / A36 | Luminaire size - LuxEOS 9, 18, 36 | | XXX. | | | | | | |
| RDM2 | Control - DMX + RDM | | | XXXX. | | | | | |
| VC / A3 / A1 / TW | LED (VC=RGBW57K, A3=RGBW27K, A1=RGBA17K, TW=Tunable White) | | | | XX. | | | | |
| 9005 / 9006 / 9016 | Finish - 9005 (Black), 9006 (Silver), 9016 (White) | | | | | XXXX. | | | |
| 010 / 015 / 020 / 030 / 040 / 060 / 080 H01 / V01 / H02 / V02 / H03 / V03 | Beam angle - 10° (native) / 15° / 20° / 30° / 40° / 60° / 80° / H01 (10x60°) / V01 (60x10°) / H02 (15x60°) / V02 (60x15°) / H03 (30x60°) / V03 (60x30°) | | | | | | XXX. | | |
| not applicable | | | | | | | | XX. | |
| not applicable | | | | | | | | | XX |

Example : LuxEOS 9, RDM, VC 5700K, Silver, 40° = **LSQUA09.RDM2.VC.9006.040.XX.XX**

LuxEOS OPTICAL CONTROL ACCESSORIES - PART NUMBERS

| OPTIONS | DESCRIPTION | PART NUMBER STRUCTURE | | | | | | | |
|--------------------|--|-----------------------|------|-------|-----|-------|------|-----|----|
| | | LUXI | XXX. | XXXX. | XX. | XXXX. | XXX. | XX. | XX |
| LUXI | LUXI accessory | LUXI | | | | | | | |
| A09 / A18 / A36 | Luminaire - Luxeos 9, 18, 36 | | XXX. | | | | | | |
| A001 / A002 / A003 | Beam Shaper - A001 Louvre, A002 Snoot, A003 Half Snoot | | | XXXX. | | | | | |
| not applicable | | | | | XX. | | | | |
| 9005 / 9006 / 9016 | Finish - 9005 (Black), 9006 (Silver), 9016 (White) | | | | | XXXX. | | | |
| not applicable | | | | | | | XXX. | | |
| not applicable | | | | | | | | XX. | |
| not applicable | | | | | | | | | XX |

Example : LuxEOS 9 Louvre Black = **LUXIA09.A001.XX.9005.XXX.XX.XX**

INSTALLATION ACCESSORIES

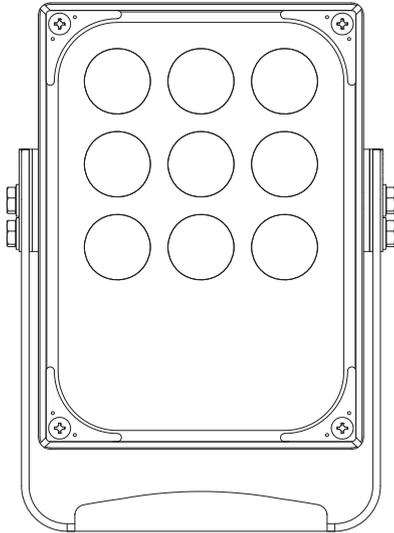
| Description | Part Number |
|--|---------------------------------|
| Mounting plate for LuxEOS Flood 9 & 18, Beam 20 & 40 | LUXIM01.F002.XX.9005.XXX.XX.XX |
| Mounting plate for LuxEOS Flood 36, Beam 80 | LUXIM01.F001.XX.9005.XXX.XX.XX |
| QuickLINK+ cable 1m - bare ends | LUXIHWX.XL01.XX.NONE.XXX.XX.XX |
| QuickLINK+ cable 2m - bare ends | LUXIHWX.XL02.XX.NONE.XXX.XX.XX |
| QuickLINK+ cable 5m - bare ends | LUXIHWX.XL05.XX.NONE.XXX.XX.XX |
| LuxCONNECT box IP66 - With 1 - QuickLINK+ (F) 1m cable, for hardwired installation (supplied with cable glands) | LUXIHWX.WB01.XX.NONE.XXX.XX.XX |
| LuxCONNECT box IP66 - With 2 - QuickLINK+ (F) 1m cables, for hardwired installation (supplied with cable glands) | LUXIHWX.WB03.XX.NONE.XXX.XX.XX |
| LuxCONNECT Wireless connection box IP66 - With 1 - QuickLINK+ (F) 1m cable, for hardwired installation (supplied with cable glands) | LUXIHWX.LCW01.XX.NONE.XXX.XX.XX |
| LuxCONNECT Wireless connection box IP66 - Prewired with 2 - QuickLINK+ (F) 1m cable, 1 - for hardwired installation (supplied with cable glands) | LUXIQLX.LCW03.XX.NONE.XXX.XX.XX |

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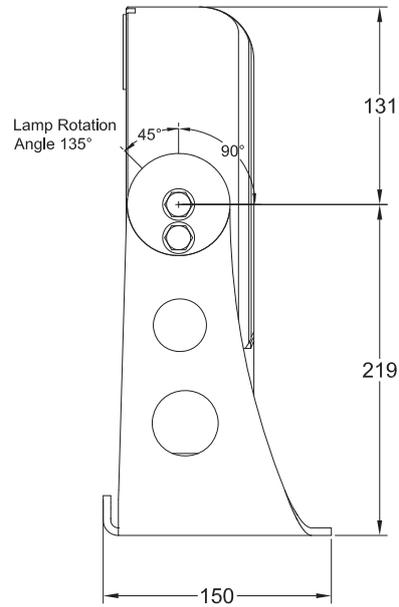
LED FLOOD FOR ARCHITECTURAL LIGHTING

PRODUCT DRAWINGS (All dimensions in mm)

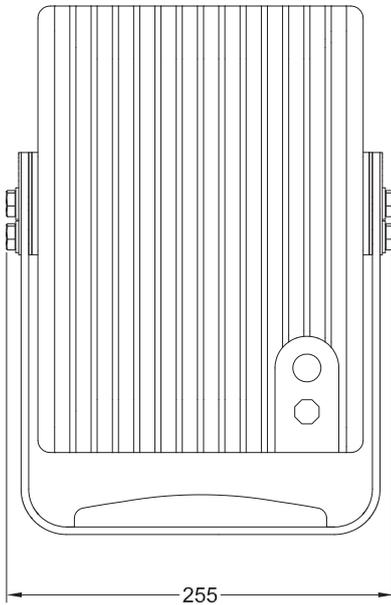
Front view



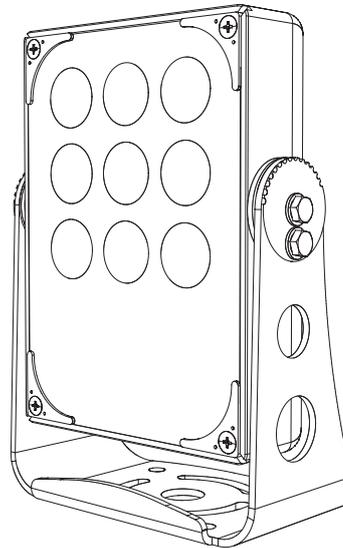
Side view



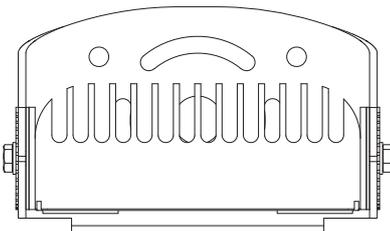
Rear view



Perspective view



Top view



Weights

LuxEOS Flood 9 - 7.2 kgs

Dimensions

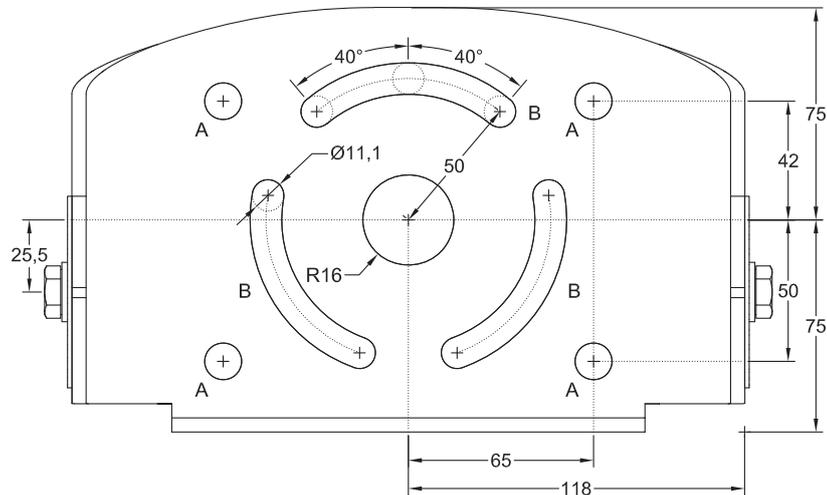
350mm (H) x 255mm (W) x 150mm (D)

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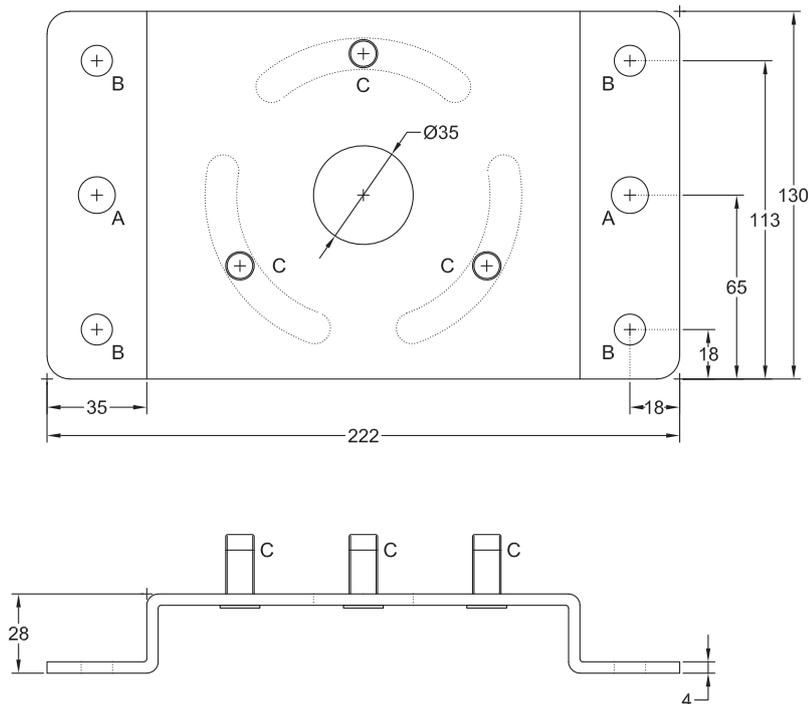
LED FLOOD FOR ARCHITECTURAL LIGHTING

PRODUCT DRAWINGS

Standard Yoke



Optional Mounting Plate



Hole details

- (A) - Clearance for M12 fixings
- (B) - Clearance for M10 fixings
- (C) - M10 Studs for Standard Yoke

All dimensions in mm

PULSAR

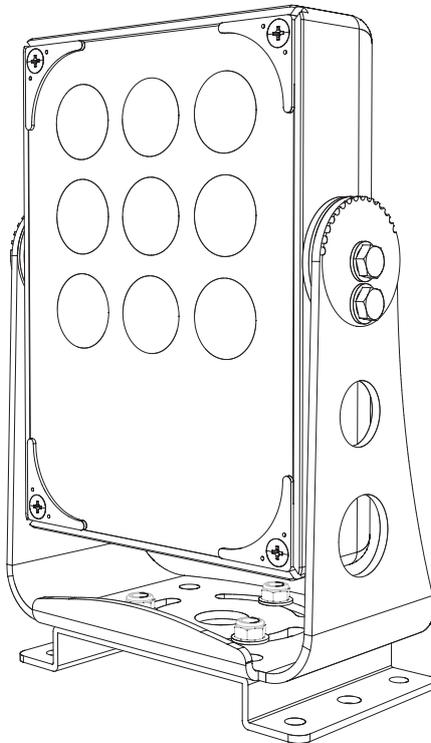
by DW Windsor Ltd, Pindar Road, Hoddesdon, Hertfordshire, EN11 0DX, UK
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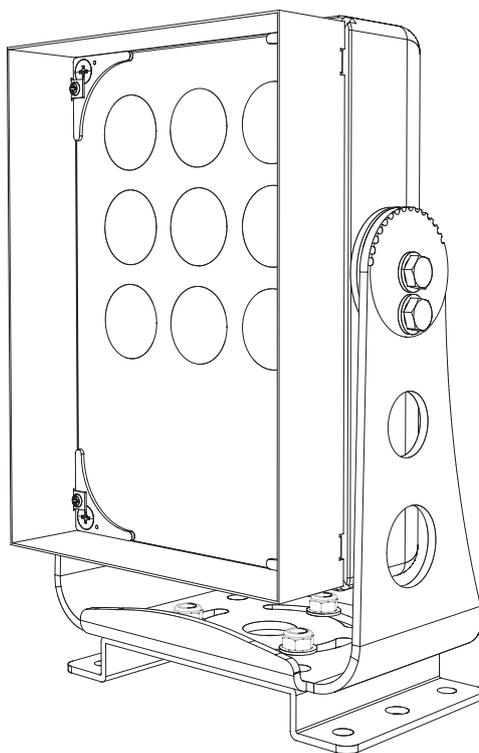
LED FLOOD FOR ARCHITECTURAL LIGHTING

PRODUCT DRAWINGS

Standard LuxEOS Flood 9
With optional Mounting Plate



Standard LuxEOS Flood 9
With optional Mounting Plate
and 50mm Snoot

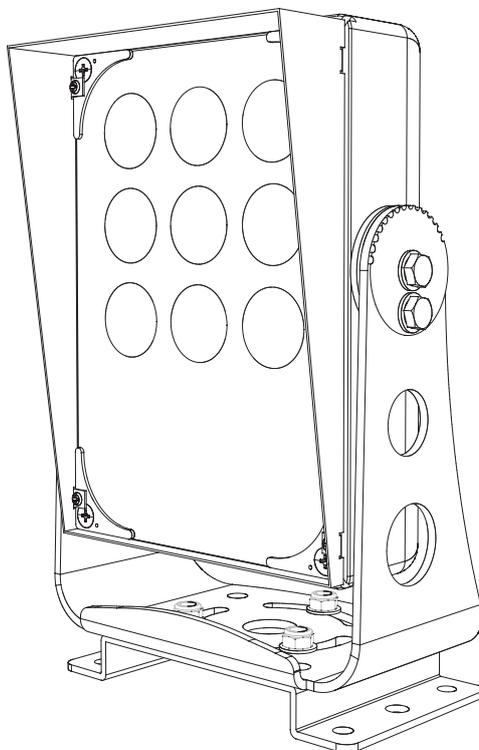


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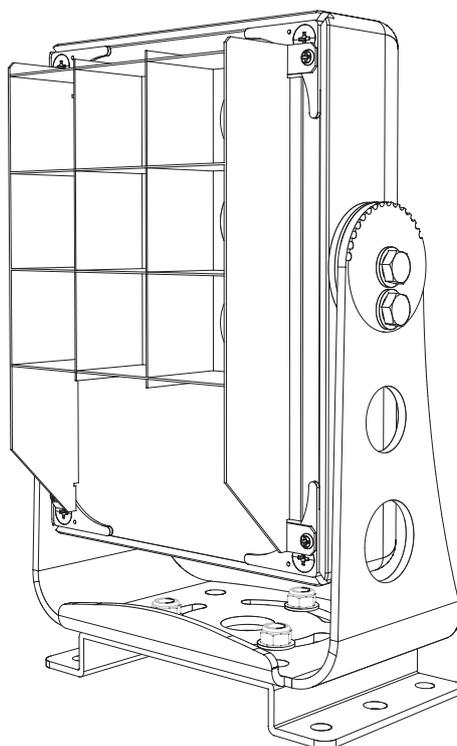
LED FLOOD FOR ARCHITECTURAL LIGHTING

PRODUCT DRAWINGS

Standard LuxEOS Flood 9
With optional Mounting Plate
and Half Snoot



Standard LuxEOS Flood 9
With optional Mounting Plate
and Louvre



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LED FLOOD FOR ARCHITECTURAL LIGHTING

ADDITIONAL INFORMATION

Key Feature Icons



Ingress Protection Value



Mechanical Impact Protection IK Value



Operating Temperature Range



Corrosion Resistant



Warranty Period



Operating Voltage Range



Smooth Interbit Theatrical Dimming



True Flicker Free Output



Colour Rendering Index Value



Single Bin Led Selection



DMX 512 Control



RDM Compliant



LuxRamp For Maximum Output



Homogeneous Colour Mixing

Cabling

Mains Supply Cable Colours (Harmonised)

| | |
|--------------|----------------|
| Green/Yellow | Earth - Ground |
| Brown | Live Phase |
| Blue | Neutral |

DMX Cable Colours (Pulsar)

| | |
|--------|--------|
| White | DMX + |
| Blue | DMX - |
| Shield | Screen |

QuickLINK+ Cable Colours (Power)

| | |
|-------|----------------|
| Green | Earth - Ground |
| Black | Live Phase |
| White | Neutral |

QuickLINK+ Cable Colours (Data in)

| | |
|--------|--------|
| White | DMX + |
| Green | DMX - |
| Shield | Screen |

QuickLINK+ Cable Colours (Data through)

| | |
|--------|--------|
| Red | DMX + |
| Blue | DMX - |
| Shield | Screen |

Portable Appliance Testing

LuxEOS luminaires may be safely earth bond and insulation tested (500V).

Standards

LuxEOS luminaires comply with the following international and national harmonised standards

Electrical Safety - EN 60598, EN 60598-2-13, EN 61347

EMC - EN 55015, EN 61547

RoHS - EN 50581

Photobiological – EN 62471

WEEE - EN 50419

Protection – IP66 / IK10

Warranty

Five years from the date of original purchase.

The warranty covers defects in manufacturing workmanship and materials. It is limited to parts and labour.

The warranty becomes void if the product is :-

- A Misused.
- B Not used in accordance with the instructions.
- C The cable connections are not made according to our instructions if the unit is used in damp or wet environments.
- D Repairs are made by unauthorised persons.
- E The serial number label has been removed or defaced.

Pulsar's maximum liability shall not exceed the price paid for the product.

In the unlikely event of a fault occurring, do not use without repair, return the product, with a description of the fault, to your supplier or direct to Pulsar for immediate attention.

Full warranty details are available on request or from our website at www.pulsarlight.com.

As part our commitment to continuous improvement PULSAR may change the specifications of its products without prior notification or public announcement.

All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract.

Please visit our website for the most up to date information.

PULSAR

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