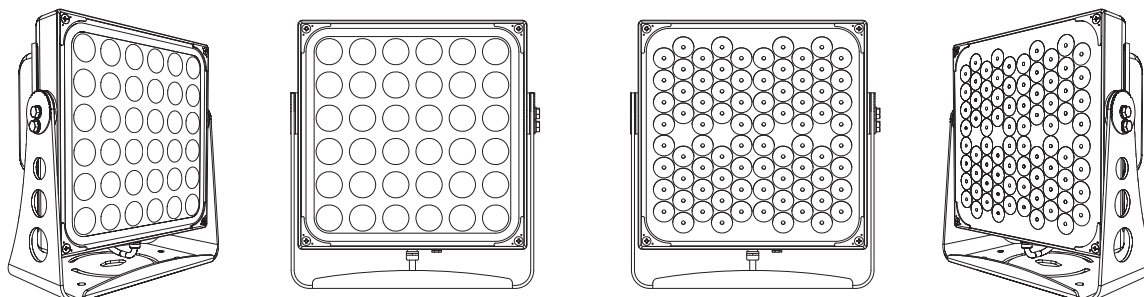


## LuxEOS Flood 36 - Beam 80

LED LUMINAIRES FOR ARCHITECTURAL LIGHTING



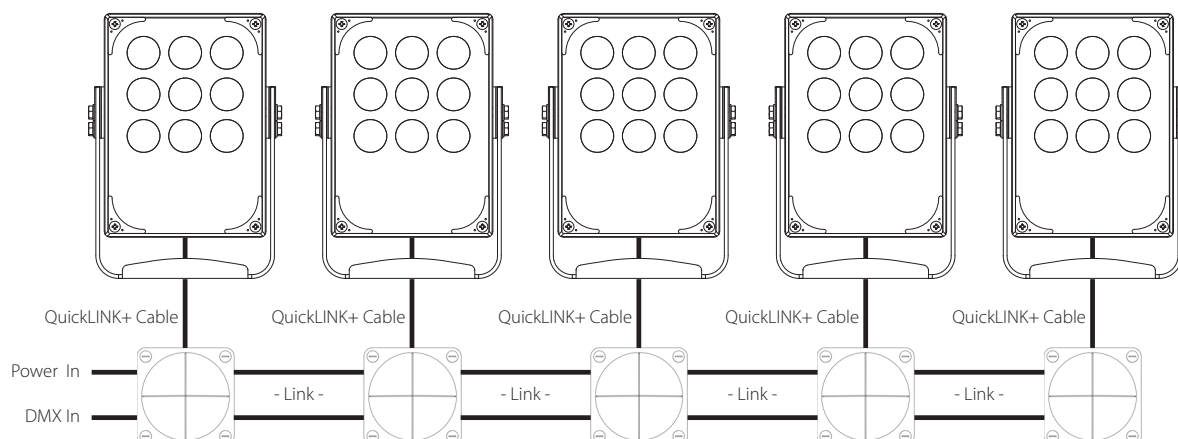
### Warning

- LuxEOS luminaires must be installed by a qualified electrician.
- Installation must be carried out in accordance with local and/or national electrical installation codes of practice.
- Isolate the mains supply to the driver during installation and whenever subsequently disconnecting or reconnecting the fitting to avoid electric shock.
- Use the correct polarity when wiring, if in any doubt please contact Pulsar.
- Pulsar luminaires are designed for lighting applications and must not be used for any other purpose.
- Unless authorised by Pulsar, field repairs of the luminaire will void the warranty.

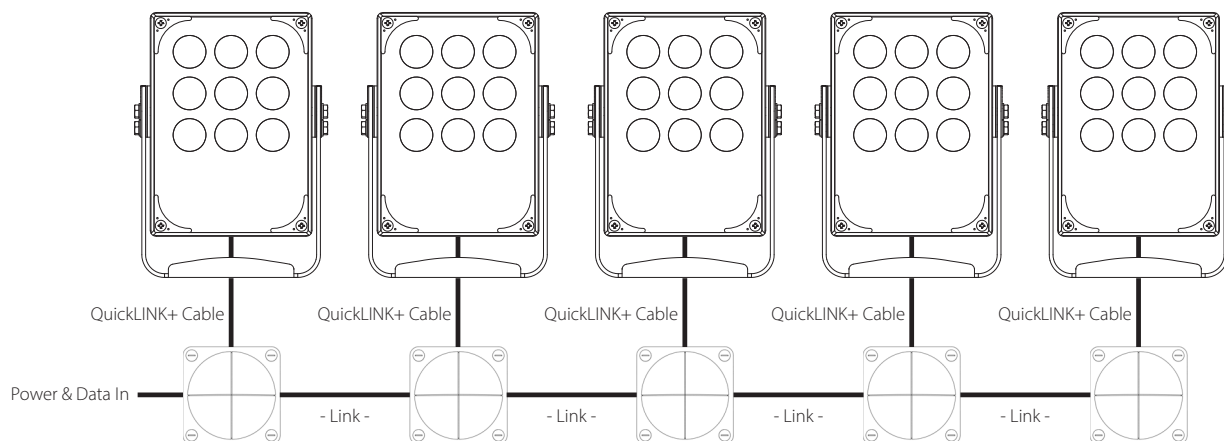
### MAINS & DATA CONNECTIONS

Typical Connections (Luxeos 9 shown)

LuxCONNECT IP66 Hardwired connection boxes with **separate** Power & DMX wiring & QuickLINK+ luminaire connections



LuxCONNECT IP66 Hardwired connection boxes with **combined** Power & DMX wiring & QuickLINK+ luminaire connections



## LuxEOS Flood 36 - Beam 80

LED LUMINAIRES FOR ARCHITECTURAL LIGHTING

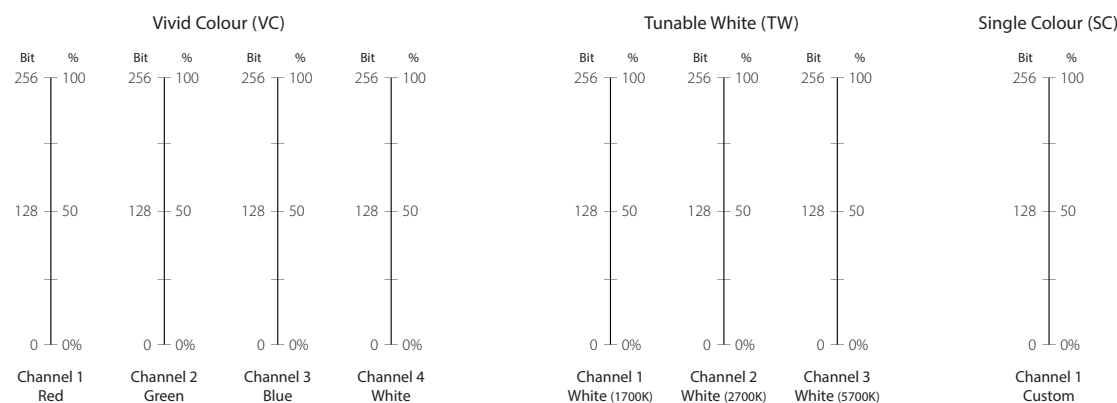
### CONTROL

LuxEOS luminaires support DMX512, DMX512:1990, (R2013), ANSI E1.20 – 2010 (DMX with RDM V1.0)

All DMX512 protocols are supported including E1.11 DMX with RDM.

Other protocols may be supported with future software releases or hardware add-ons.

### DMX Channel order



Start addresses are configured externally via RDM over DMX

### RDM

The following RDM Parameter I.D'S (PIDS) are supported

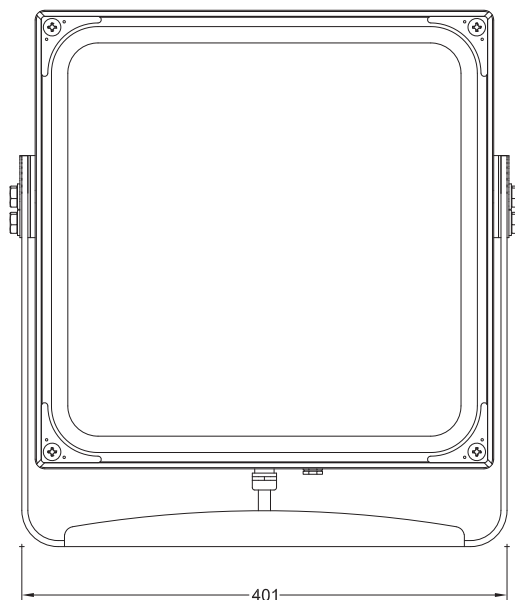
|                             |   |
|-----------------------------|---|
| <b>Discovery:</b>           | 0001 – Discovery_Branch_Unique<br>0002 – Discovery_Mute<br>0003 – Discovery_Un_mute   |
| <b>Status:</b>              | 0020 – Queued_Messages<br>0030 – Status_Messages<br>0031 – Status_ID_Description  |
| <b>RDM Information:</b>     | 0050 – Supported_Parameters   |
| <b>Product Information:</b> | 0060 – Device_Info<br>0070 – Product_Detail_ID_List<br>0080 – Device_Model_Description<br>0081 – Manufacturer_Label<br>0082 – Device_Label (Supporting 32 characters of user text)<br>00C0 – Software_Version_Label |
| <b>DMX512 Setup:</b>        | 00E0 – DMX_Personality<br>00E1 – DMX_Personality_Description<br>00F0 – DMX_Start_Address<br>0120 – Slot_Info<br>0121 – Slot_Description   |
| <b>Sensors:</b>             | 0200 – Sensor_Definition<br>0201 – Sensor_Value   |
| <b>Power/Lamp Settings:</b> | 0400 – Device_Hours   |
| <b>Control:</b>             | 1000 – Identify_Device  |

## LuxEOS Flood 36 - Beam 80

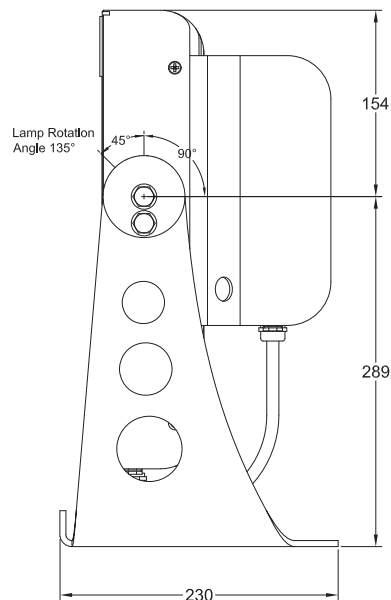
LED LUMINAIRES FOR ARCHITECTURAL LIGHTING

MECHANICAL DETAILS (All dimensions in mm)

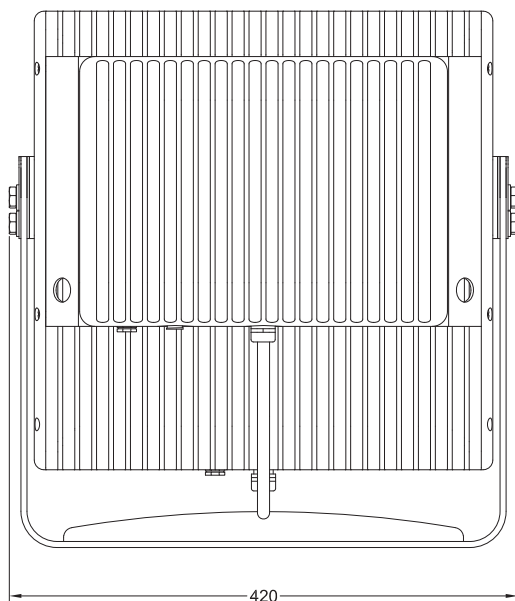
Front view



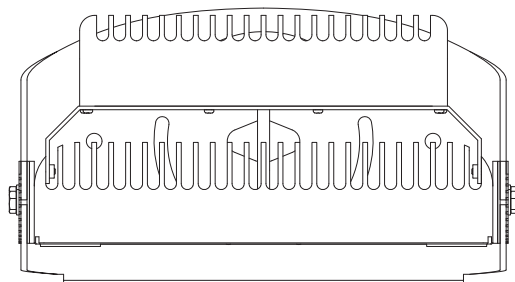
Side view



Rear view



Top view



### Weights

LuxEOS Flood 36 - 23 kgs

LuxEOS Beam 80 - 23.4 kgs

### Dimensions

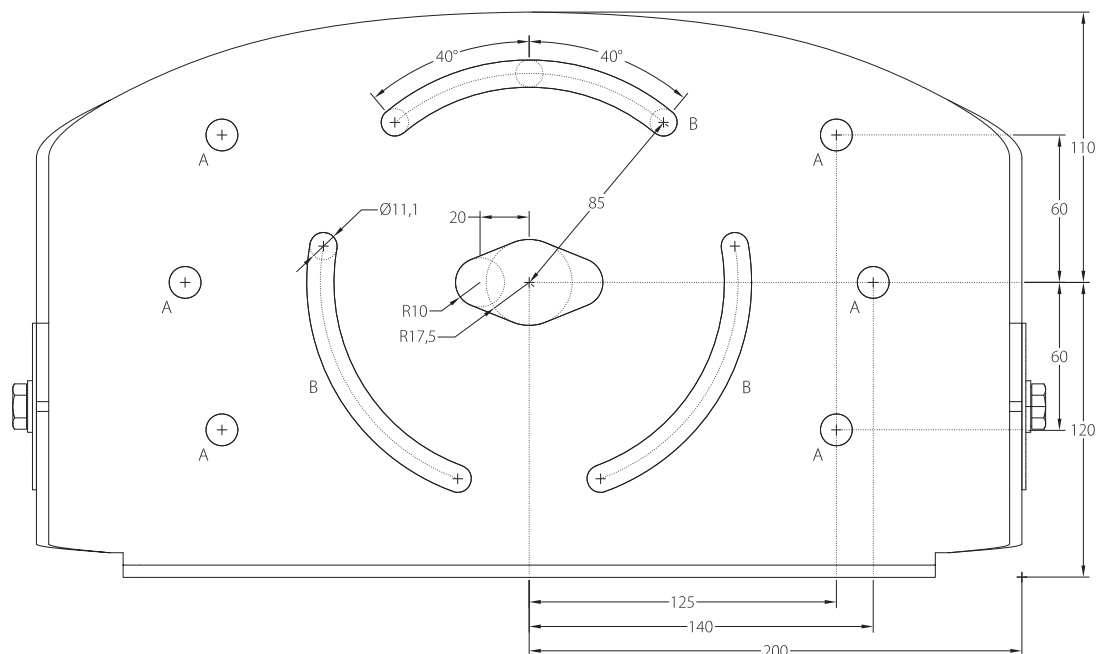
443mm (H) x 420mm (W) x 230mm (D)

## LuxEOS Flood 36 - Beam 80

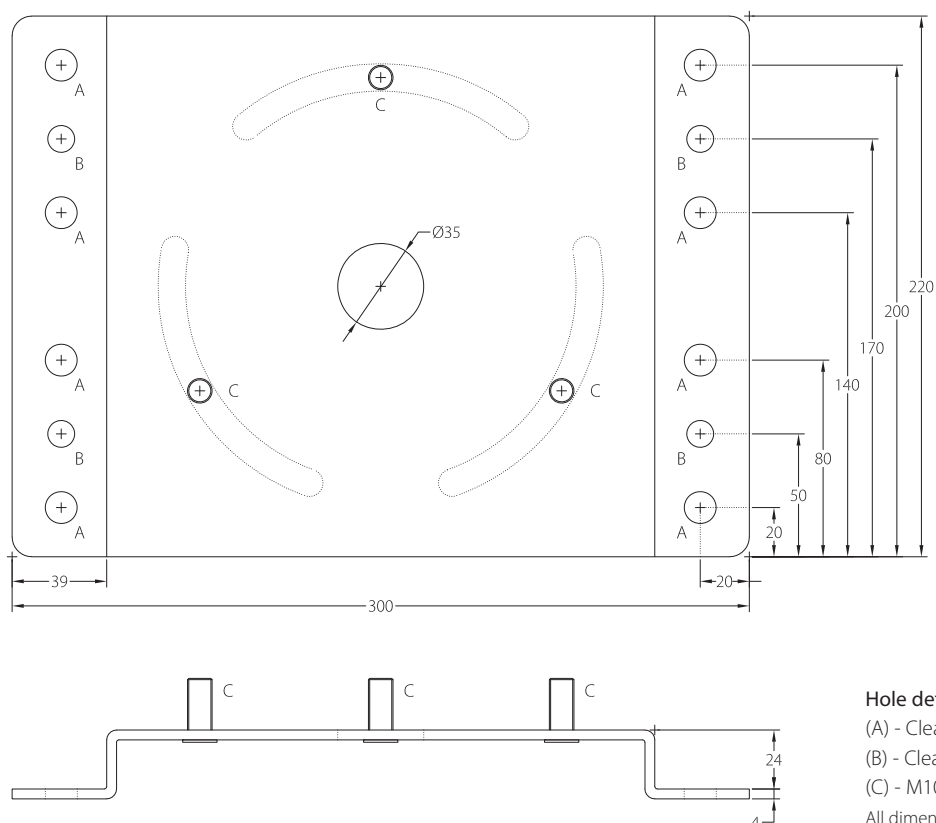
LED LUMINAIRES FOR ARCHITECTURAL LIGHTING

### MECHANICAL DETAILS - YOKE BRACKETS

LuxEOS Flood 36 & Beam 80 Yoke Bracket



LuxEOS Flood 36 & Beam 80 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

## LuxEOS Flood 36 - Beam 80

LED LUMINAIRES FOR ARCHITECTURAL LIGHTING

### ADDITIONAL INFORMATION

#### 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 |

#### Power Requirements

|                 |                             |                |                             |
|-----------------|-----------------------------|----------------|-----------------------------|
| LuxEOS Flood 36 | 120 -277V AC @ 50/60Hz 240W | LuxEOS Beam 80 | 120 -277V AC @ 50/60Hz 180W |
|-----------------|-----------------------------|----------------|-----------------------------|

#### Portable Appliance Testing

LuxEOS luminaires may be safely Earth Bond and Insulation tested (500V).

#### Product Weights

|                 |          |                |          |
|-----------------|----------|----------------|----------|
| LuxEOS Flood 36 | 23.0 kgs | LuxEOS Beam 80 | 23.4 kgs |
|-----------------|----------|----------------|----------|

#### Mechanical Ratings

Ingress Protection IP66

Impact Protection IK10

#### Maintenance

LuxEOS luminaires should be regularly tested and inspected, and as part of this checked for the build up of external moss and debris which can reduce the light output. If cleaning is required, then a mild water based detergent should be used, care should be taken to avoid the use of harsh solvent based cleaning materials as this could result in damage to the luminaire. Under no circumstances should pressure washers be used for cleaning.

The light source contained in this luminaire shall only be replaced by Pulsar or an authorised service agent or a similar qualified person.

#### Standards

LuxEOS luminaires conform to the following standards and certification.



UKCA



European CE



RoHS



WEEE

#### 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](http://www.pulsarlight.com).

As part of 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.