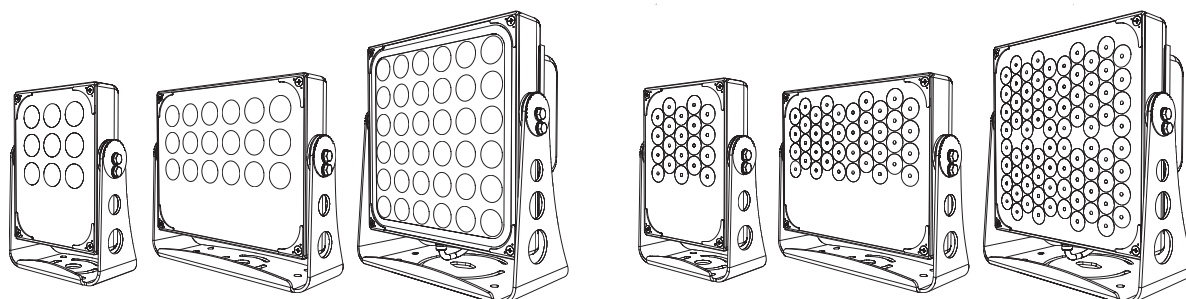


## LuxEOS Flood 9 - 18 - 36 - Beam 20 - 40 - 80

LED LUMINAIRES FOR ARCHITECTURAL LIGHTING



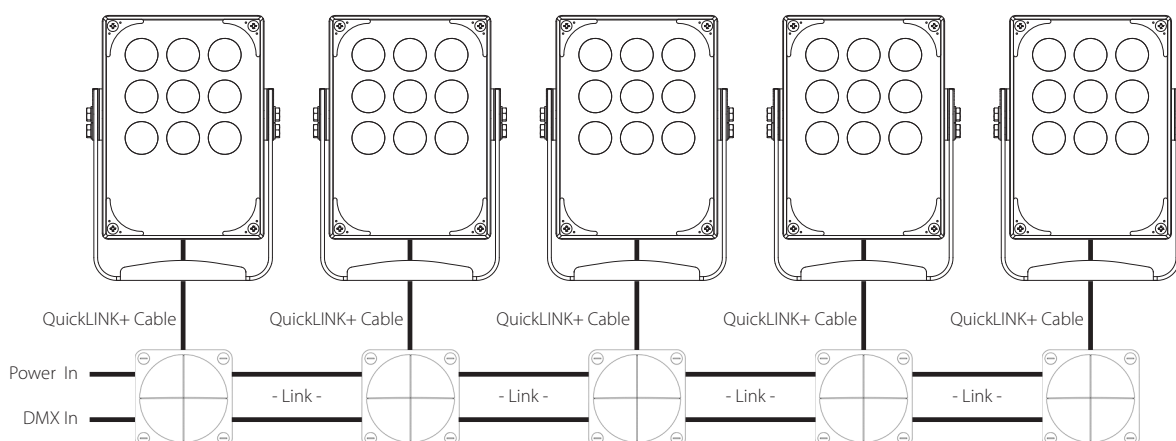
### Warning

- 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.

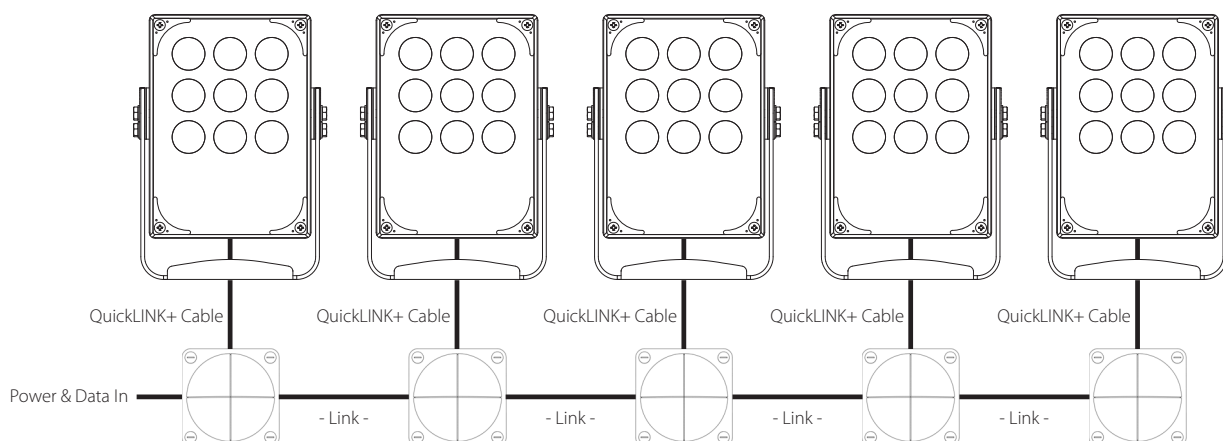
### MAINS & DATA CONNECTIONS

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

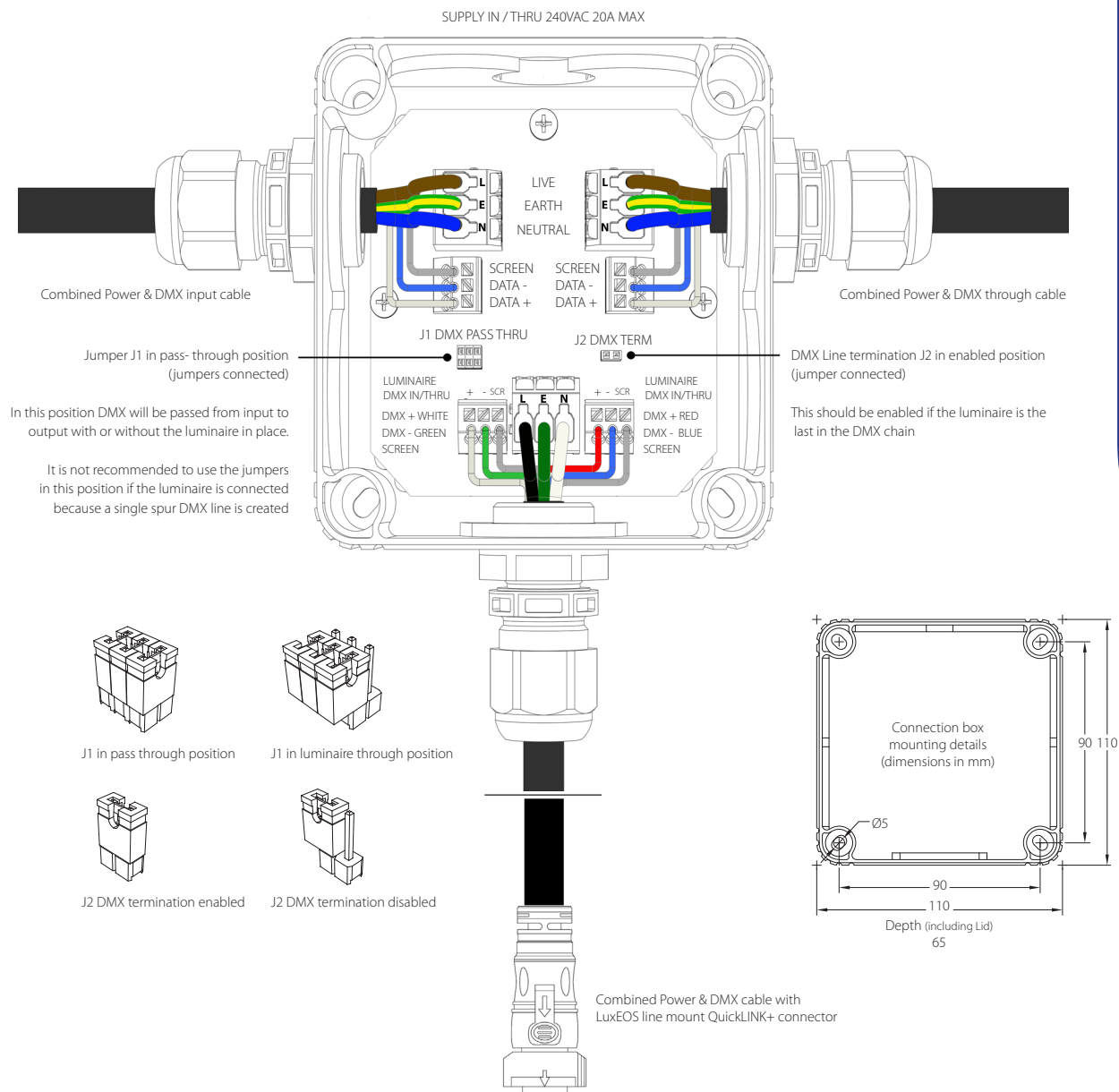


## LuxEOS Flood 9 - 18 - 36 - Beam 20 - 40 - 80

LED LUMINAIRES FOR ARCHITECTURAL LIGHTING

### WIRING DETAILS

LuxCONNECT IP66 Hardwired connection enclosure with **combined** Power & DMX input & QuickLINK+ luminaire connection



#### Power

The power cable should be no greater than 4mm<sup>2</sup> and can be either stranded or solid cores.

The maximum current of each cable run should be no greater than 20A continuous.

Before fitting the power cable, each cable end should be stripped to between 9 and 11mm before inserting into the connectors.

Ensure connections are made in accordance to the markings on the PCB, failure to do so may result in damage to the luminaire.

#### DMX

Before fitting the DMX cable, each cable end should be stripped to between 8.5 and 9.5mm before inserting into the connector.

Ensure connections are made in accordance to the markings on the PCB, failure to do so may result in incorrect operation or damage to the luminaire.

IMPORTANT: If the insulation rating of the DMX cable is less than the supply voltage then additional protective sleeving should be fitted.

#### DMX Passthrough

When commissioning the installation before the luminaires are connected, or if a luminaire has been removed, the DMX signal can be passed through by repositioning the jumpers (J1) as indicated within the install box.

#### PULSAR

1 Pembroke Avenue, Waterbeach, Cambridge, CB25 9QP  
www.pulsarlight.com | sales@pulsarlight.com | +44 (0) 1223 403 500

7650-CONN

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## LuxEOS Flood 9 - 18 - 36 - Beam 20 - 40 - 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 9	120 -277V AC @ 50/60Hz	60W
LuxEOS Flood 18	120 -277V AC @ 50/60Hz	120W
LuxEOS Flood 36	120 -277V AC @ 50/60Hz	240W
LuxEOS Beam 20	120 -277V AC @ 50/60Hz	45W
LuxEOS Beam 40	120 -277V AC @ 50/60Hz	90W
LuxEOS Beam 80	120 -277V AC @ 50/60Hz	180W

### 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](http://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 [www.pulsarlight.com](http://www.pulsarlight.com) for the most up to date information.