

# EVOFORCE INSTALLATION INSTRUCTIONS

## PROFESSIONAL SERIES LED RETROFIT



### BEFORE YOU START

**IMPORTANT:** Read all instructions before installing fixtures. Retain for future reference.

**SAFETY:** For your safety, this fixture must be wired in accordance to local electrical regulation, and to the fixtures specific power requirements and attributes. All work should be done by a qualified electrician or installer.

**WARNING:** Make certain power is OFF from the electrical panel before starting installation or attempting any maintenance. Indoor installation only.

### MODEL INFORMATION

| CODE         | POWER | LUMEN OUTPUT | LUMINAIRE EFFICACY | CCT   |                           |
|--------------|-------|--------------|--------------------|-------|---------------------------|
| EVFR-120-750 | 120W  | 16,500lm*    | 137lm/W*           | 5000K |                           |
| EVFR-165-750 | 165W  | 22,200lm*    | 135lm/W*           | 5000K | *Through new triumph lens |

### TECHNICAL SPECIFICATIONS

| SYSTEM WATTAGE | INRUSH CURRENT (IPEAK, TWIDTH)     | MAX. NO. OF LUMINAIRES (16A CIRCUIT BREAKER TYPE B) | MAX. NO. OF LUMINAIRES (16A CIRCUIT BREAKER TYPE C) |
|----------------|------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| 120W           | 60A, 375µs (measured at 50% Ipeak) | 5 units                                             | 9 units                                             |
| 165W           | 65A, 445µs (measured at 50% Ipeak) | 4 units                                             | 7 units                                             |

|                |                            |
|----------------|----------------------------|
| Mains Voltage  | 220-240V/AC, 50-60Hz       |
| Surge Data     | Line-Earth - 4kV           |
|                | Line-Line - 2kV            |
| Operating Temp | -30° to +45°C              |
| IP Rating      | IP66                       |
| IK Rating      | IK09                       |
| Certifications | SAA, CE                    |
| Warranty       | 7 Year product replacement |

### WARRANTY INFORMATION

The Evolve Lighting standard 5 year warranty applies for this product. Up until 5 years from the date of purchase, we guarantee that this product will be:

- ✓ Free from defects in materials and workmanship
- ✓ Fit for the purpose for which it is designed
- ✓ Matches its specifications and any sample given

During this period, if the product has a defect of this nature, it will be repaired or replaced free of charge by Evolve, with the same item, or an acceptable replacement.

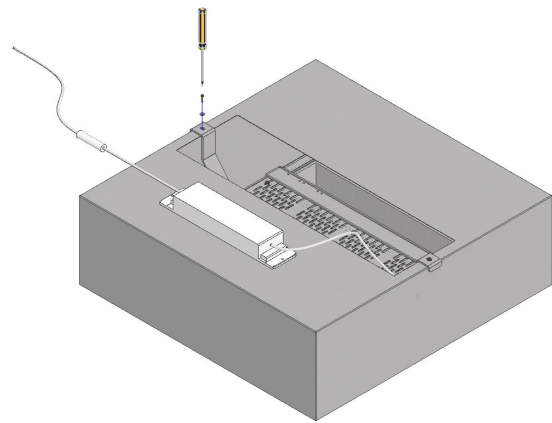
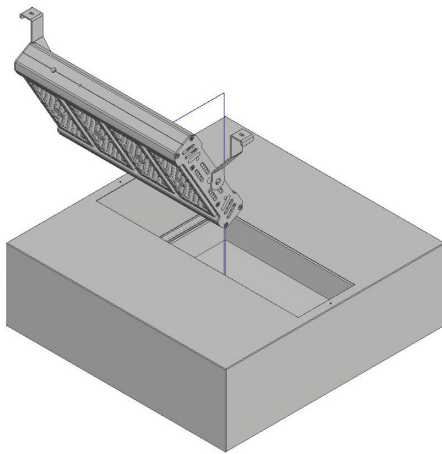
Please ensure that this product is installed correctly, as our warranty service will not apply if:

- ✓ The luminaire has not been installed by a qualified electrician or installer
- ✓ The product has been incorrectly installed
- ✓ The product is installed in an unsuitable environment

Please see our website for further warranty information

### INSTALLATION

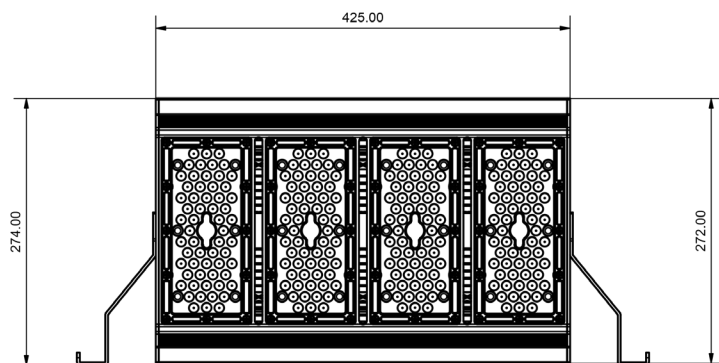
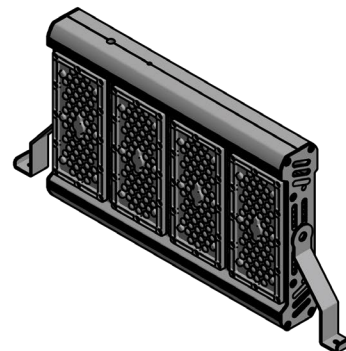
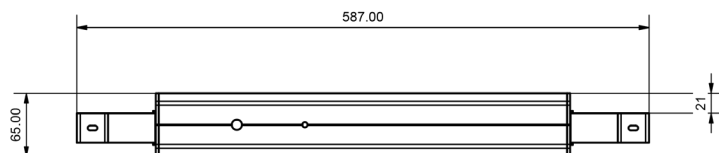
1. Remove the existing lamp and control gear.
2. Clean the existing lens for optimal light transmission.
3. Put the EVOforce into the box, arranging the bracket and screws on the top of the box, then fix the screws in. Some modifications may be required depending upon the existing product.
4. Make sure the box is ventilated. This is important for maximum lifetime and is required for the product warranty.
5. Place the driver on the exterior of the box. This will keep it cool for maximum lifetime.
6. Wire up the control gear using the supplied IP rated connector.



### MAINTENANCE

1. Make sure the power has been turned off before commencing maintenance or repairs.
2. Clean the lens regularly to maintain high transmission of light
3. Clean the dust from the cover and heat sink regularly to maintain excellent heat dispersion, especially within a heavy dust environment.

### PRODUCT DIMENSIONS



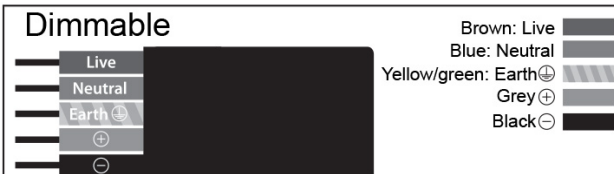
### WIRING DIAGRAM

#### Non-Dimmable



The LED floodlight is a Class 1 device - an earth connection is MANDATORY

#### Dimmable



If the luminaire is not to be connected to a dimming system, please isolate the dimming wires appropriately