

## Beam F250

Illuminate your space like never before with the Beam F250, a powerhouse of light designed to elevate your architectural designs to new heights. Customize your lighting experience with various optics and light colors. Whether you're lighting up a building facade, highlighting sculptures, or accentuating outdoor spaces, the Beam F250 empowers you to unleash your architectural creativity like never before

### Key specifications

|                   |                     |  |              |
|-------------------|---------------------|--|--------------|
| Voltage           | 230V AC             |  |              |
| Power Consumption | 250W                |  |              |
| Luminous Flux     | 22190Lm (15° 3000K) |  |              |
| Color Range       | RGBW                |  | Single Color |
| CRI               | ≥80                 |  |              |
| Channels          | 4                   |  | 3            |
| Control           | DMX                 |  |              |
| UV protected      | Yes                 |  |              |



CE

RoHS

IP67

IK08

### Ordering information

| Color Temp.                        | Beam Angle                   | Accessories                                         | Qty                  |
|------------------------------------|------------------------------|-----------------------------------------------------|----------------------|
| <input type="checkbox"/> RGBW3000K | <input type="checkbox"/> 8°  | <input type="checkbox"/> Honeycumb                  | <input type="text"/> |
| <input type="checkbox"/> RGBW4000K | <input type="checkbox"/> 15° | <input type="checkbox"/> Glare shield               |                      |
| <input type="checkbox"/> 3000K     | <input type="checkbox"/> 25° | <input type="checkbox"/> Honeycumb and Glare shield |                      |
| <input type="checkbox"/> 4000K     | <input type="checkbox"/> 45° |                                                     |                      |
|                                    | <input type="checkbox"/> 60° |                                                     |                      |

### Related Items



#### Input cable 5Pin, Bare wire to Female

|                          |                          |                         |         |
|--------------------------|--------------------------|-------------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M16 5pin Input cable 1m | 3430515 |
| <input type="checkbox"/> | <input type="checkbox"/> | M16 5pin Input cable 2m | 3430525 |
| <input type="checkbox"/> | <input type="checkbox"/> | M16 5pin Input cable 3m | 3430535 |

#### Extension cable 5pin, Male to Female

|                          |                          |                             |         |
|--------------------------|--------------------------|-----------------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M16 5Pin Extension cable 1m | 3430615 |
| <input type="checkbox"/> | <input type="checkbox"/> | M16 5Pin Extension cable 2m | 3430625 |

#### End cap

|                          |                          |                  |         |
|--------------------------|--------------------------|------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M16 5Pin End cap | 3430016 |
|--------------------------|--------------------------|------------------|---------|

#### DiGidot C4 Live

|                          |                          |                    |       |
|--------------------------|--------------------------|--------------------|-------|
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Live 4  | 20101 |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Live 8  | 20102 |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Live 12 | 20103 |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Live 16 | 20104 |

#### DiGidot C4 Extended

|                          |                          |                       |       |
|--------------------------|--------------------------|-----------------------|-------|
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Extended 1 | 20201 |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Extended 2 | 20202 |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Extended 4 | 20203 |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot C4 Extended 8 | 20204 |

#### DiGidot PxLNode

|                          |                          |                     |       |
|--------------------------|--------------------------|---------------------|-------|
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot PxLNode U96 | 20820 |
|--------------------------|--------------------------|---------------------|-------|

#### DiGidot PxLNet Transmitter

|                          |                          |                            |       |
|--------------------------|--------------------------|----------------------------|-------|
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot PxLNet Transmitter | 20342 |
|--------------------------|--------------------------|----------------------------|-------|

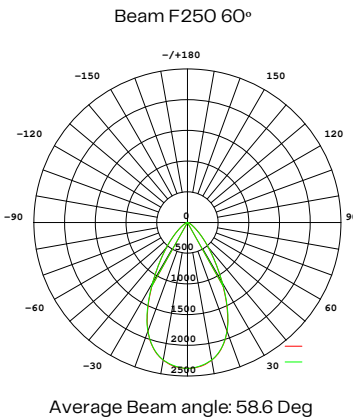
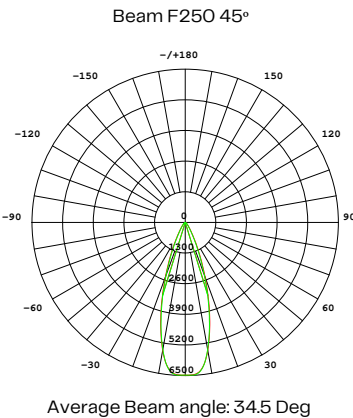
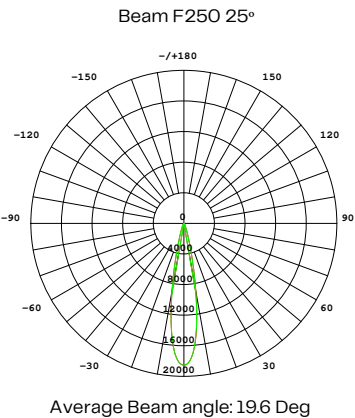
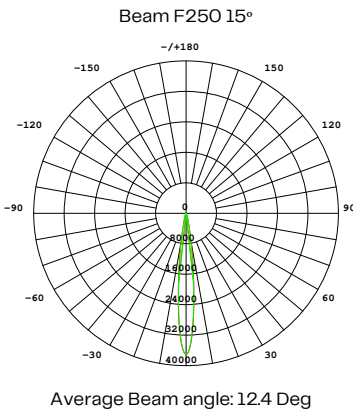
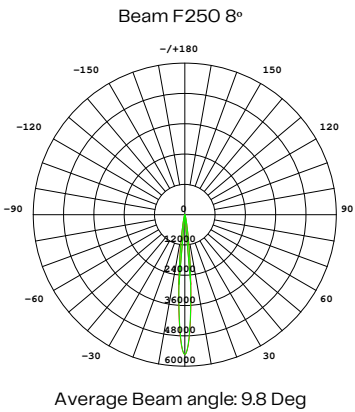
General specifications

|                                |                            |
|--------------------------------|----------------------------|
| Operating Voltage              | 230 V AC                   |
| Color Range                    | RGBW   Single Color        |
| Power Consumption              | 250W                       |
| Channels                       | 4   3                      |
| LEDs per Fixture               | 120                        |
| LED Type RGBW and Single Color | CREE Monochrome            |
| Available Beam Angles          | 8°   15°   25°   45°   60° |
| Luminous Flux                  | 22190lm (15° 3000K)        |
| Max Run Length for power       | 6pcs on a 16A CB (230V AC) |
| Max Run Length for data        | 128 pcs   170 pcs          |
| Storage Temperature            | -40° C to 70° C            |
| Operating Temperature          | -30° C to 55° C            |
| Data Connector                 | M16 5 Pin Connector        |
| 230V Connector                 | Bare wires (50cm)          |
| Color Rendering Index          | ≥80                        |
| Mounting Options               | Mounting Brackets          |
| LB Value                       | L80B10 50.000H             |
| Certifications                 | CE, RoHS                   |
| Available Housing Colors       | Grey                       |
| Housing material               | Marine grade Alu           |
| Package Dimensions (L x W x H) | 80 x 40 x 30 cm            |
| Weight                         | 15.5 Kg                    |
| Warranty                       | 3 Years                    |
| Ingress Protection Rating      | IP67                       |
| UV protected                   | Yes                        |

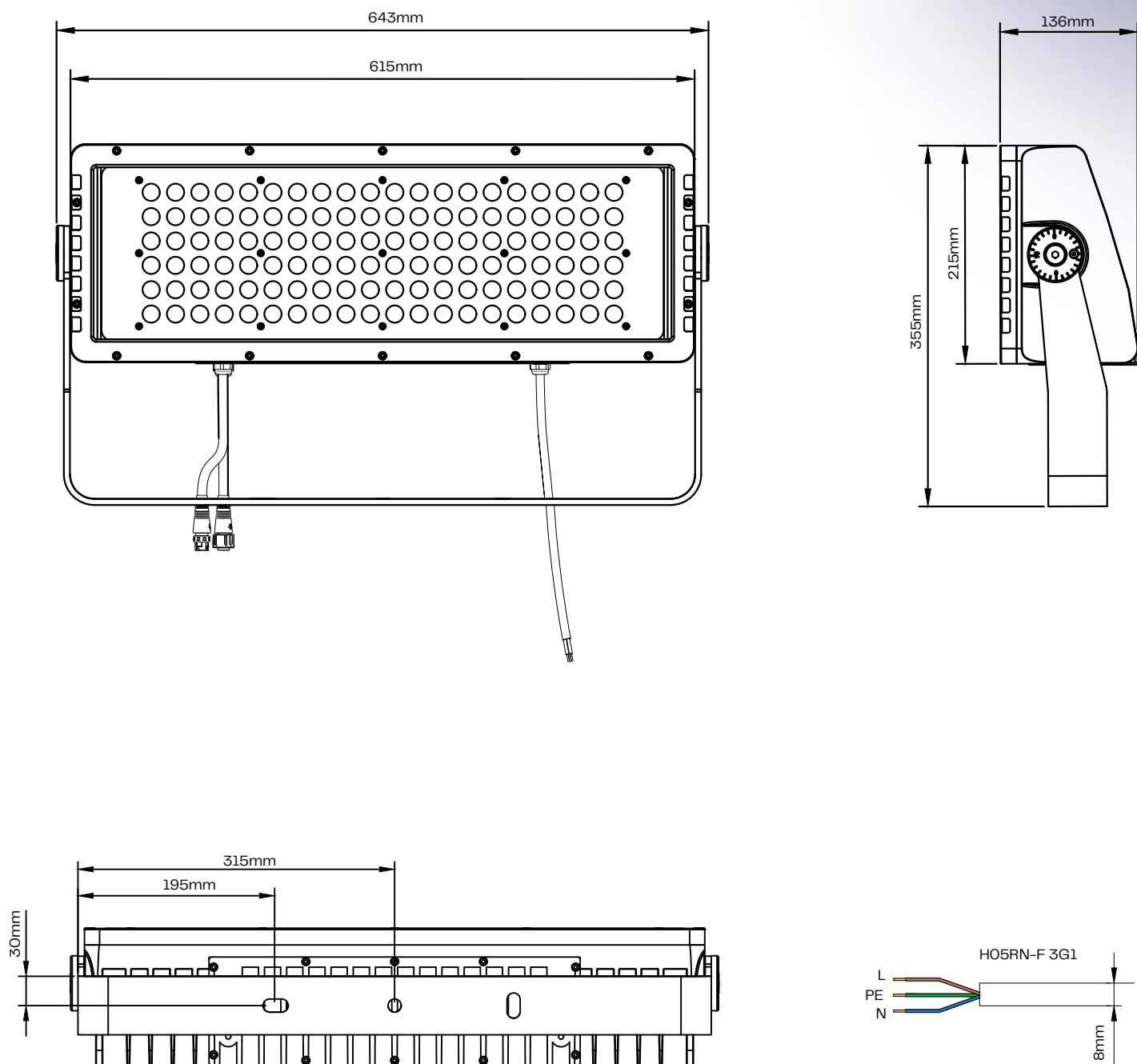
| RGBW3000K | Red    | Green  | Blue   | 3000K  |
|-----------|--------|--------|--------|--------|
| 8°        | 3390Lm | 4480Lm | 1380Lm | 6090Lm |
| 15°       | 3252Lm | 4525Lm | 1355Lm | 5855Lm |
| 25°       | 3190Lm | 4380Lm | 1315Lm | 5830Lm |
| 45°       | 3015Lm | 4130Lm | 1235Lm | 5440Lm |
| 60°       | 2630Lm | 3650Lm | 1115Lm | 5270Lm |

| 3000K | White   |
|-------|---------|
| 8°    | 21960Lm |
| 15°   | 22190Lm |
| 25°   | 21698Lm |
| 45°   | 22460Lm |
| 60°   | 20320Lm |

Light distribution



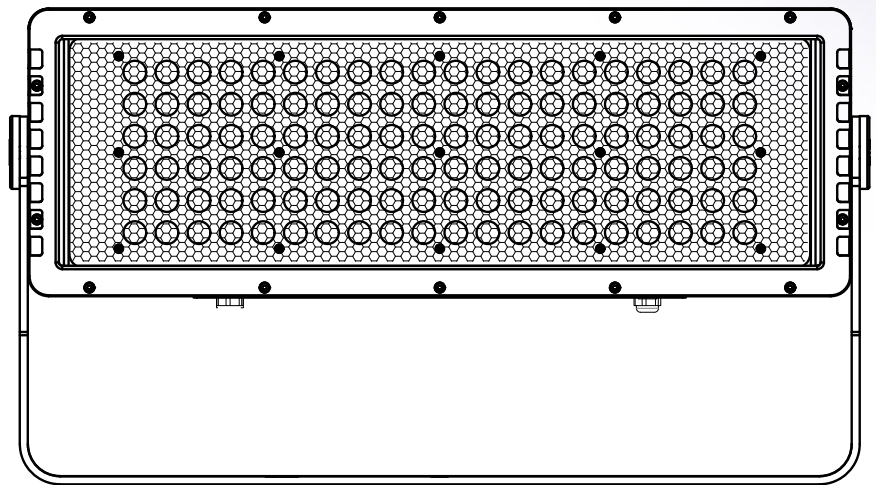
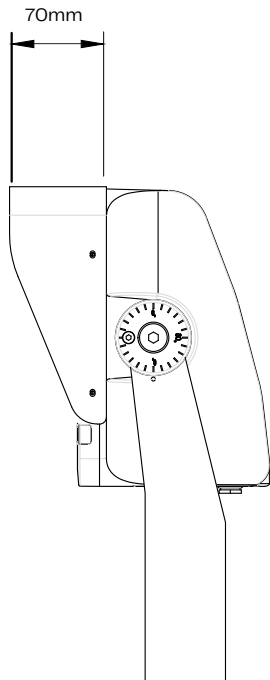
Dimensions Beam F250



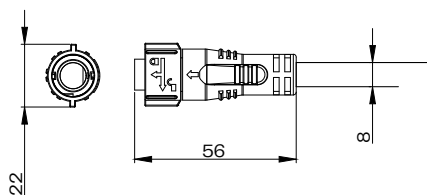
## Additional accessories

Glare shield

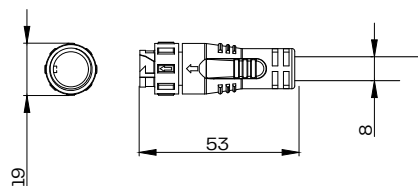
Honeycomb



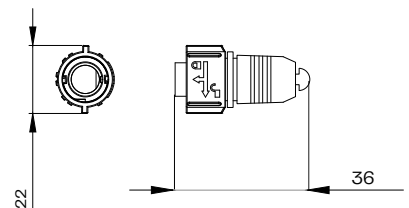
## Dimensions M16 5Pin connectors & End cap



M16 5Pin Male connector

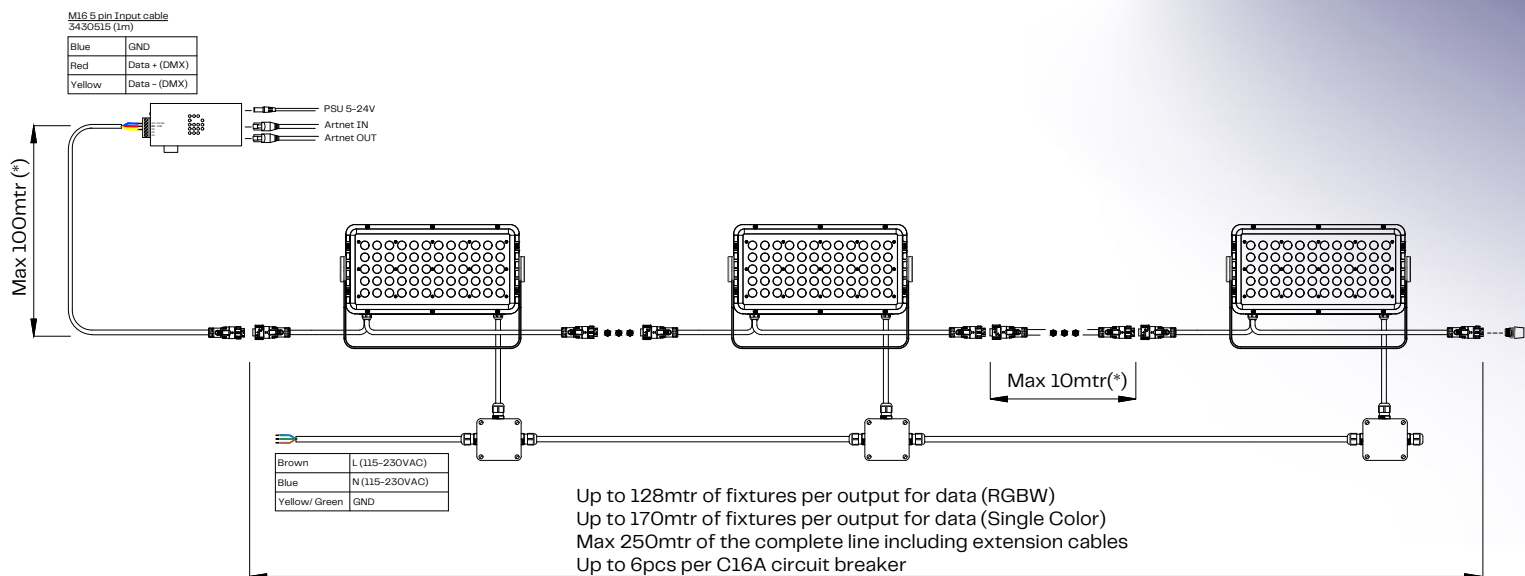


M16 5Pin Female connector



M16 5Pin End cap

## System diagram Beam F250

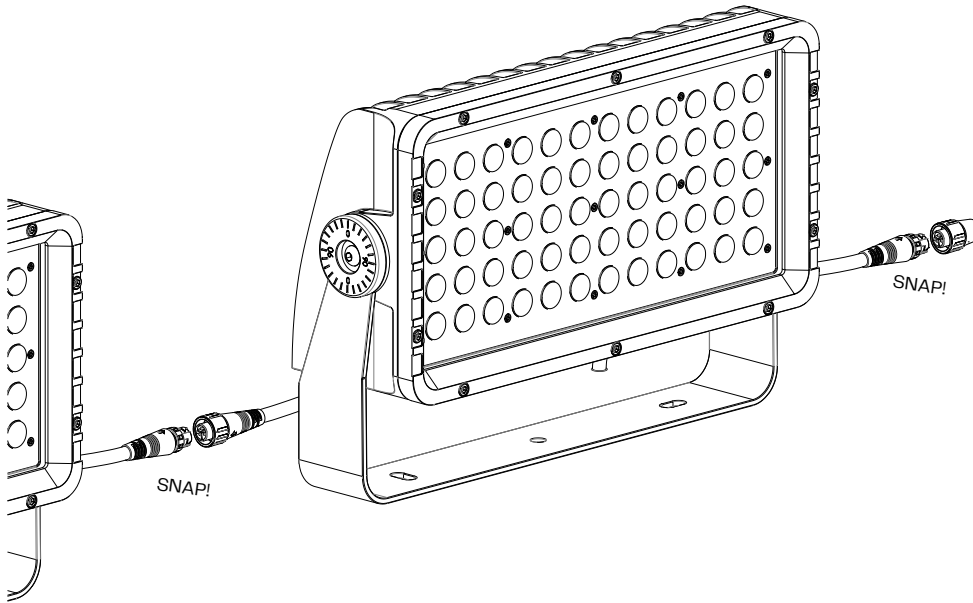


(\*) Standard cables are available in 1, 2 & 3mtrs.  
Customization is possible on request.

## Installation guide

### Important note:

- Make sure power is disconnected during installation or maintenance
- Do not attempt installation in wet or severe weather conditions
- Keep cables protected from sharp objects to prevent damage
- Make sure unconnected fixtures are not exposed to raining/ snowing environment
- Do not look into the beam



For waterproof connection make sure that the last fixture has the endcap connector fixed to the output connector

Use a 8mm Hex key to fully secure the fixture when the desired angle has been set. Max 30Nm

