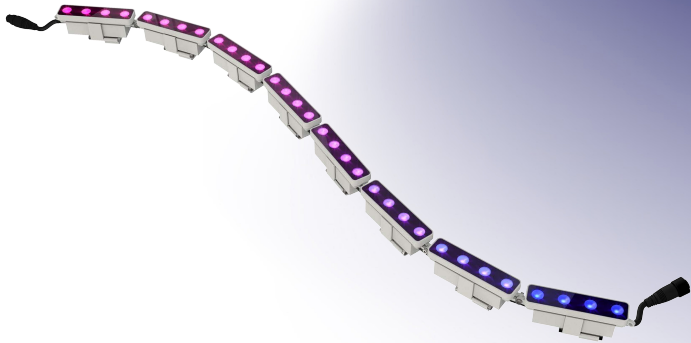


## Linear Flex RGBW

From architectural accents to ambient lighting, this fixture transforms ordinary spaces into extraordinary experiences. Experience the power of customization and versatility with our flexible luminaire. Designed for long-lasting performance and reliability, this luminaire offers IP68 protection against ingress of water and dust. With a standard housing color of grey or white, this luminaire blends seamlessly into any environment.

### Key specifications

|                             |                 |
|-----------------------------|-----------------|
| Voltage (V)                 | 24V DC          |
| Power Consumption (w/m)     | 32W             |
| Luminous Flux (lm/m)        | 825Lm (25°x45°) |
| Color Range                 | RGBW            |
| CRI                         | ≥80             |
| Number of pixels (m)        | 8pix            |
| Pixel pitch (mm)            | 125mm           |
| Control                     | SPI             |
| Default Fixture Length (mm) | 1000mm          |
| Customizable length         | 125mm           |



CE

RoHS

IP68

IK08

### Ordering information

| Color Temp.                        | Beam Angle                       | Finish                         | Qty                  |
|------------------------------------|----------------------------------|--------------------------------|----------------------|
| <input type="checkbox"/> RGBW3000K | <input type="checkbox"/> 25°     | <input type="checkbox"/> Grey  | <input type="text"/> |
| <input type="checkbox"/> RGBW4000K | <input type="checkbox"/> 35°     | <input type="checkbox"/> White |                      |
|                                    | <input type="checkbox"/> 45°     |                                |                      |
|                                    | <input type="checkbox"/> 25°x45° |                                |                      |

### Related Items



#### Input cable, Bare wire to Female

|                          |                          |                         |         |
|--------------------------|--------------------------|-------------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3pin Input cable 1m | 3430113 |
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3pin Input cable 2m | 3430123 |
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3pin Input cable 3m | 3430133 |

#### Input cable, RJ45 to Female

|                          |                          |                          |         |
|--------------------------|--------------------------|--------------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M12 4pin Input cable 15m | 3430755 |
| <input type="checkbox"/> | <input type="checkbox"/> | M12 4pin Input cable 30m | 3430756 |
| <input type="checkbox"/> | <input type="checkbox"/> | M12 4pin Input cable 50m | 3430757 |

#### Extension cable, Male to Female

|                          |                          |                             |         |
|--------------------------|--------------------------|-----------------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3pin Extension cable 1m | 3430213 |
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3pin Extension cable 2m | 3430223 |
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3pin Extension cable 3m | 3430233 |

#### Power & Data injector cable

|                          |                          |                                      |         |
|--------------------------|--------------------------|--------------------------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M12 Power & Data injector cable 1.5m | 3430715 |
|--------------------------|--------------------------|--------------------------------------|---------|

#### Power cable

|                          |                          |                                       |         |
|--------------------------|--------------------------|---------------------------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3Pin Power cable Single feed 1.5m | 3430414 |
|--------------------------|--------------------------|---------------------------------------|---------|

#### End cap

|                          |                          |                  |         |
|--------------------------|--------------------------|------------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | M12 3Pin End cap | 3430012 |
|--------------------------|--------------------------|------------------|---------|

#### 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 Transceiver kit

|                          |                          |                                         |        |
|--------------------------|--------------------------|-----------------------------------------|--------|
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot PxLNet Transceiver kit RJ45-Bus | 20341  |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot PxLNet Transceiver kit Screw    | 203402 |
| <input type="checkbox"/> | <input type="checkbox"/> | DiGidot PxLNet Transceiver kit Solder   | 203403 |

#### Meanwell Power supply

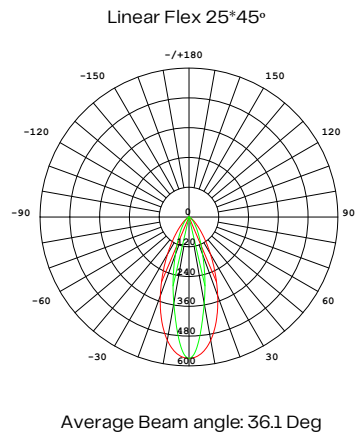
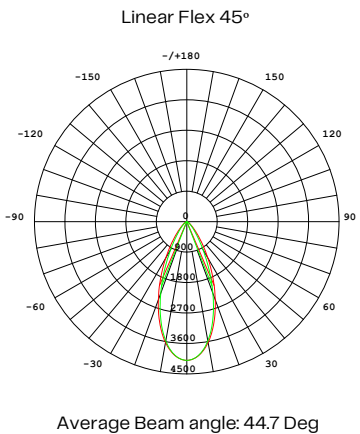
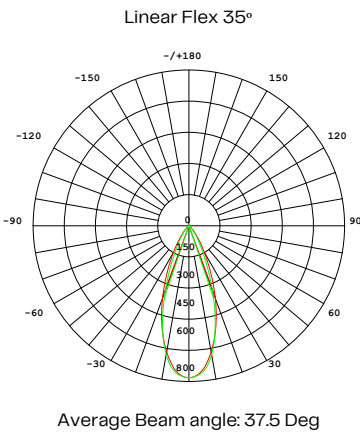
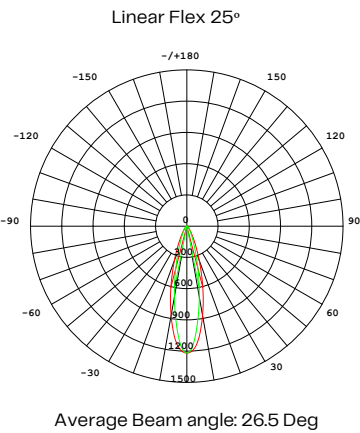
|                          |                          |            |         |
|--------------------------|--------------------------|------------|---------|
| <input type="checkbox"/> | <input type="checkbox"/> | XLG-75-24  | 8343100 |
| <input type="checkbox"/> | <input type="checkbox"/> | XLG-100-24 | 8343300 |
| <input type="checkbox"/> | <input type="checkbox"/> | HLG-150-24 | 8440700 |
| <input type="checkbox"/> | <input type="checkbox"/> | HLG-240-24 | 8441600 |
| <input type="checkbox"/> | <input type="checkbox"/> | HLG-320-24 | 8442500 |

General specifications

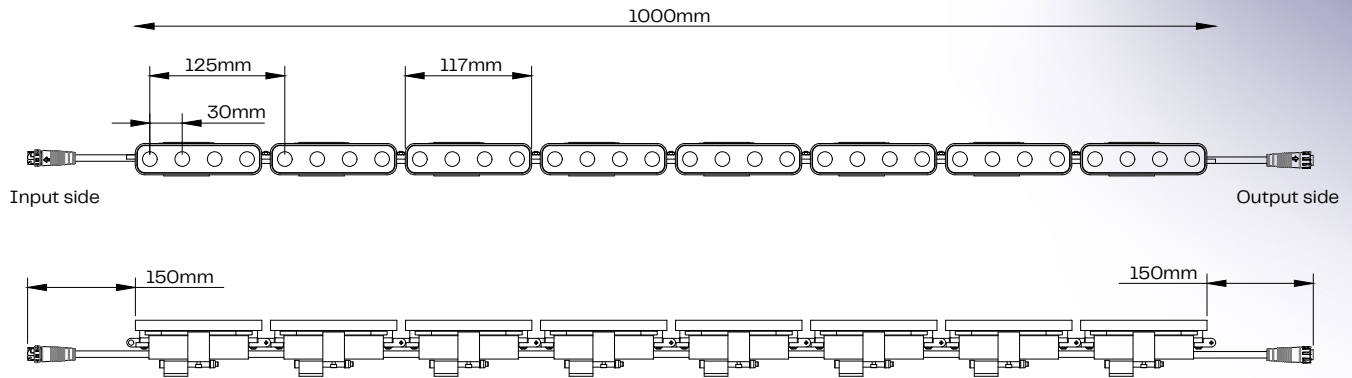
|                                |                          |
|--------------------------------|--------------------------|
| Operating Voltage              | 24 V DC                  |
| Available Colors               | RGBW3000K, RGBW4000K     |
| Power Consumption              | 32W/m                    |
| Channels p/m                   | 32ch                     |
| LEDs per Fixture               | 32 LEDs per fixture      |
| Available Beam Angles          | 25°   35°   45°   25x45° |
| Luminous Flux p/m              | 1270Lm (25° RGBW3000K)   |
| Max Run Length for power       | 6 mtr.                   |
| Max Run Length for data        | 48 mtr.                  |
| LED Pitch                      | 30 mm                    |
| Storage Temperature            | -40° C to 85° C          |
| Operating Temperature          | -25° C to 65° C          |
| Connector                      | M12 3 Pin Connector      |
| Housing material               | Aluminium ACD12          |
| Protection Rating              | IP68                     |
| Color Rendering Index          | ≥80                      |
| Mounting Options               | Mounting Brackets        |
| Certifications                 | CE, RoHS                 |
| Available Housing Colors       | Grey, White              |
| Package Dimensions (L x W x H) | 119 x 5 x 6 cm           |
| Weight                         | 1.7 Kg                   |
| Warranty                       | 3 Years                  |

| RGBW3000K | Red   | Green | Blue | 3000K |
|-----------|-------|-------|------|-------|
| 25°       | 306Lm | 505Lm | 84Lm | 375Lm |
| 35°       | 268Lm | 468Lm | 85Lm | 384Lm |
| 45°       | 287Lm | 486Lm | 65Lm | 356Lm |
| 25x45°    | 205Lm | 355Lm | 65Lm | 295Lm |

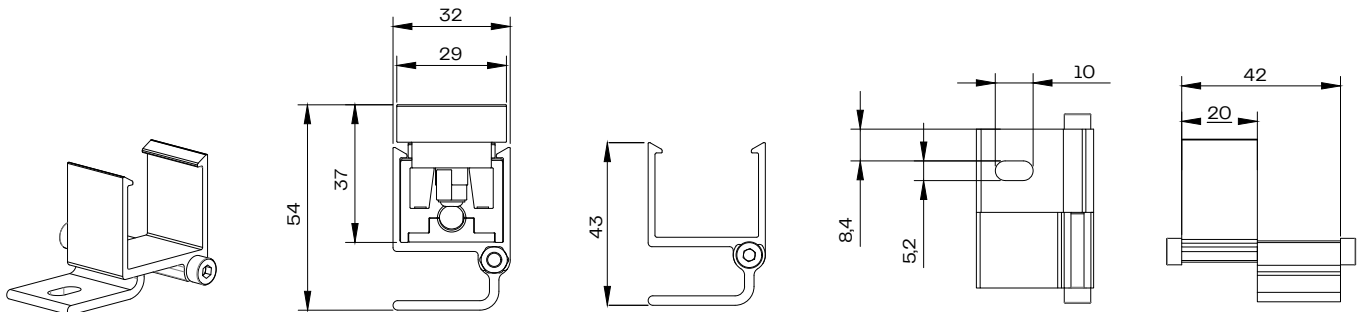
Light distribution



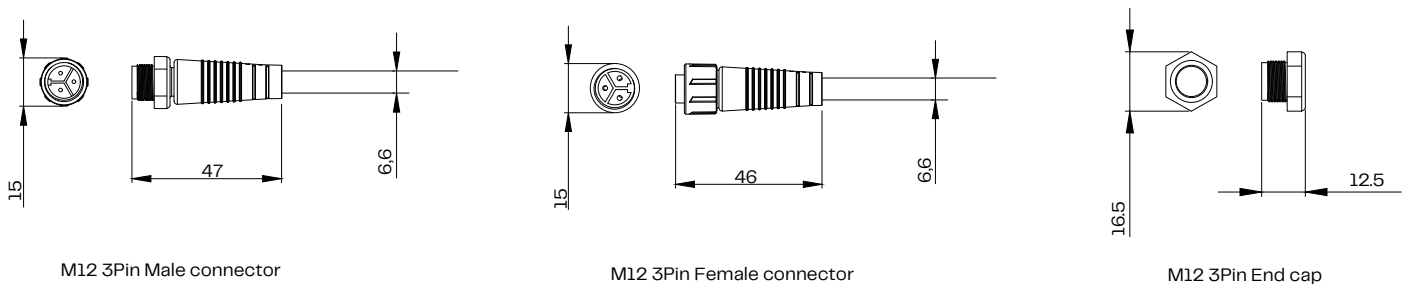
## Dimensions Linear Flex



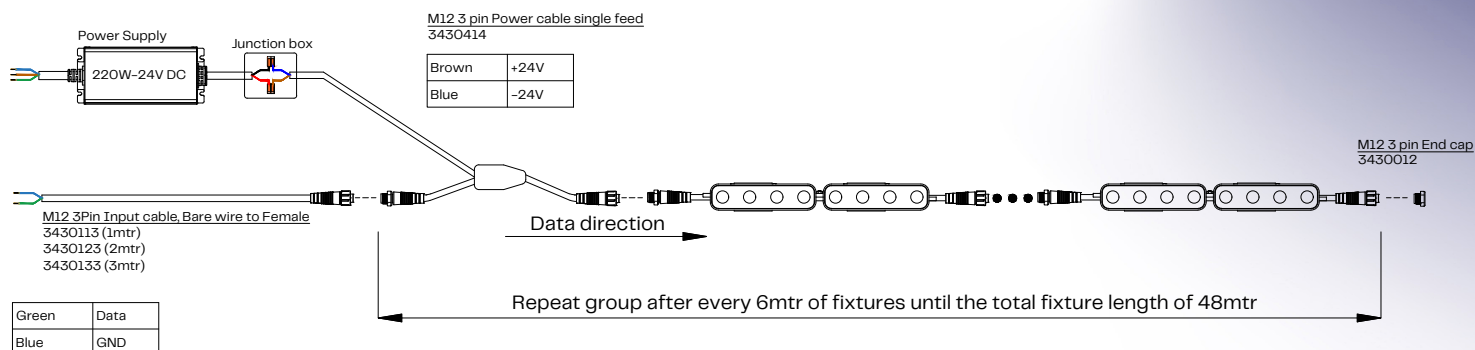
## Dimensions Linear Flex including mounting bracket



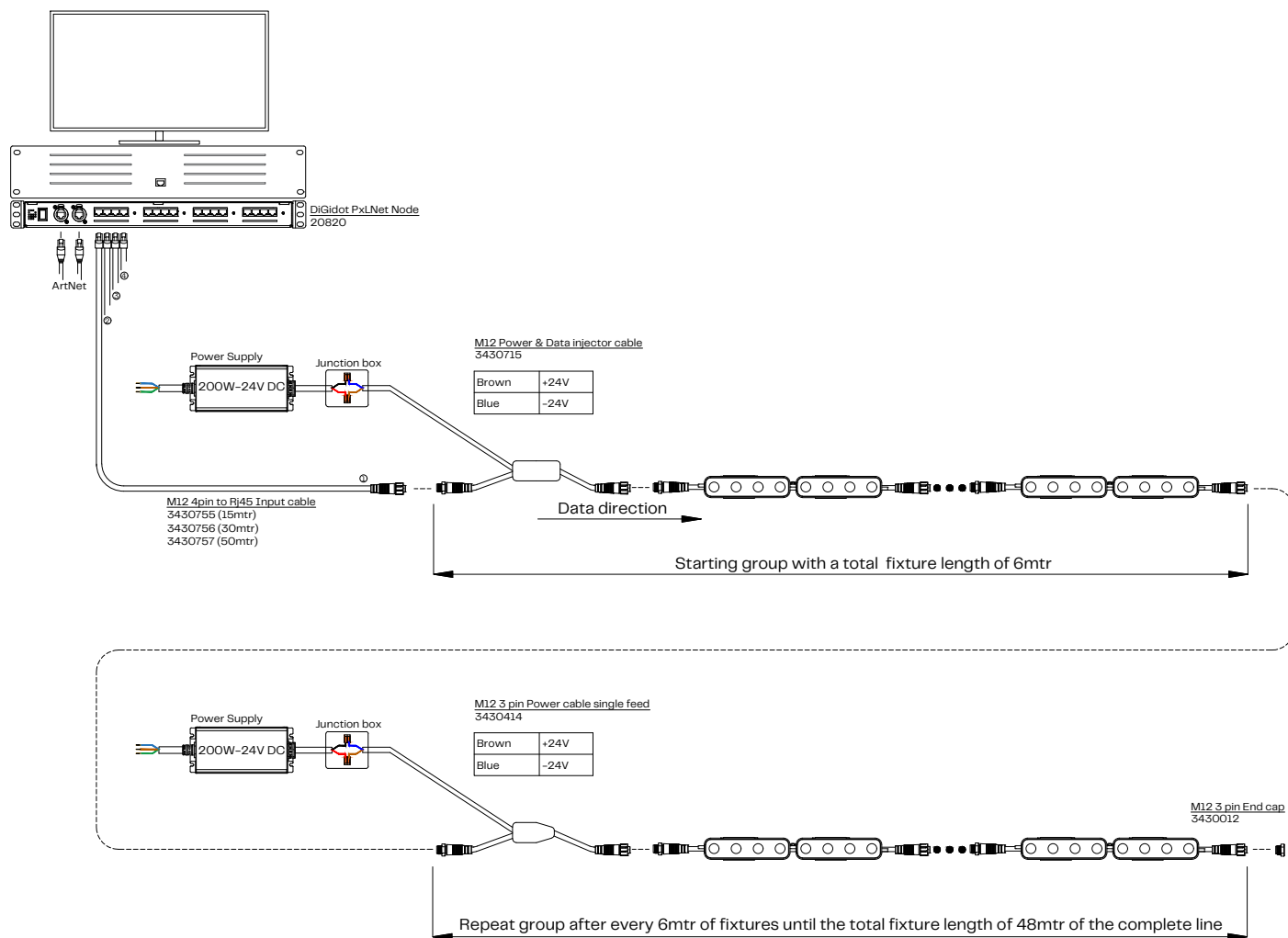
## Dimensions M12 3Pin connectors & End cap



## System diagram basic



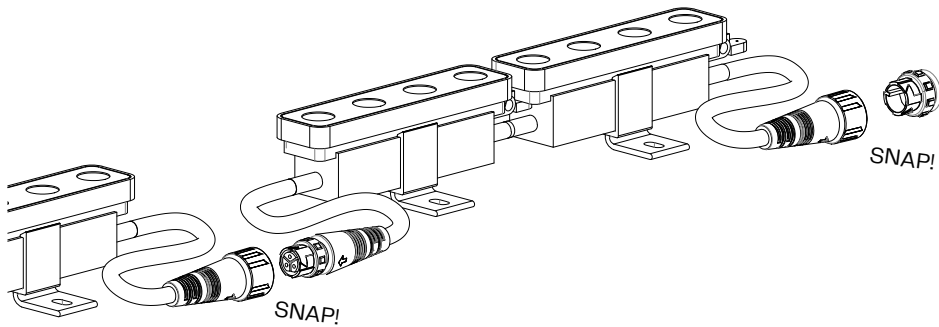
## System diagram advanced



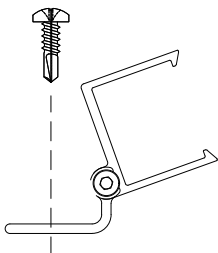
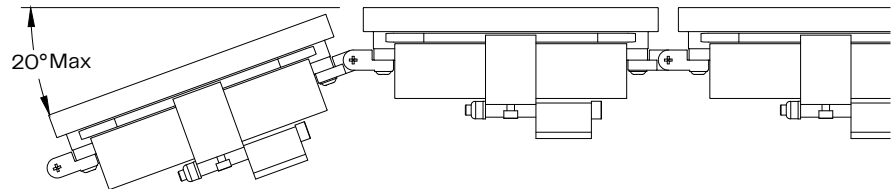
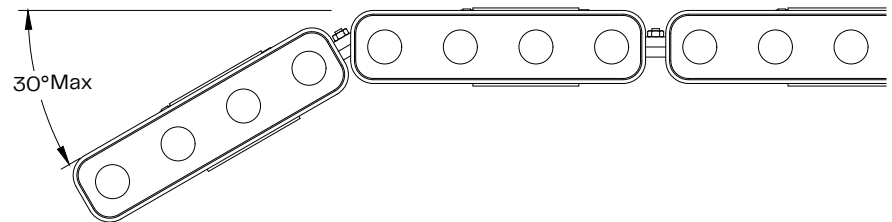
## Installation guide

### Important note:

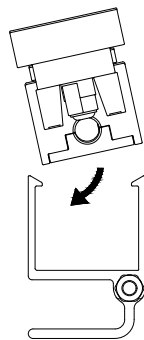
- Make sure power is disconnected during installation or maintenance
- Do not attempt installation in wet or severe weather conditions
- Keep cables protected from sharp objects to prevent damage
- Make sure unconnected fixtures are not exposed to raining/ snowing environment



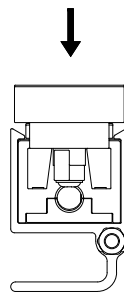
For waterproof connection make sure that the last fixture has the endcap connector fixed to the last output connector



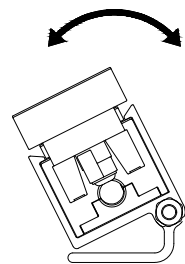
1. Mount bracket



2. Rotate in to  
bracket



3. Push fixture  
downwards



4. Set desired angle