

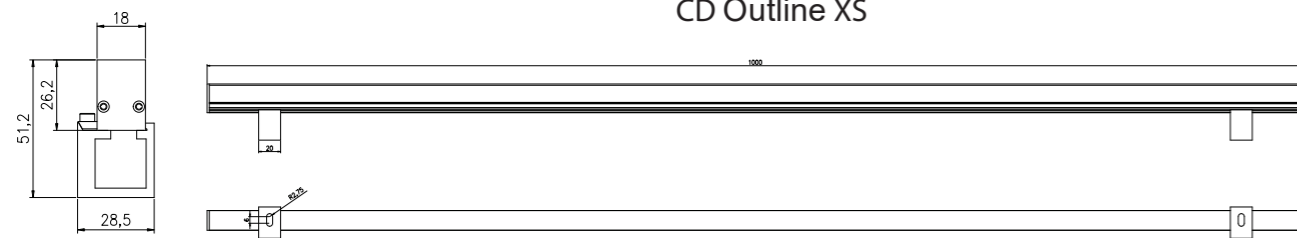
Outline 18mm  
CD Outline XS

M181006



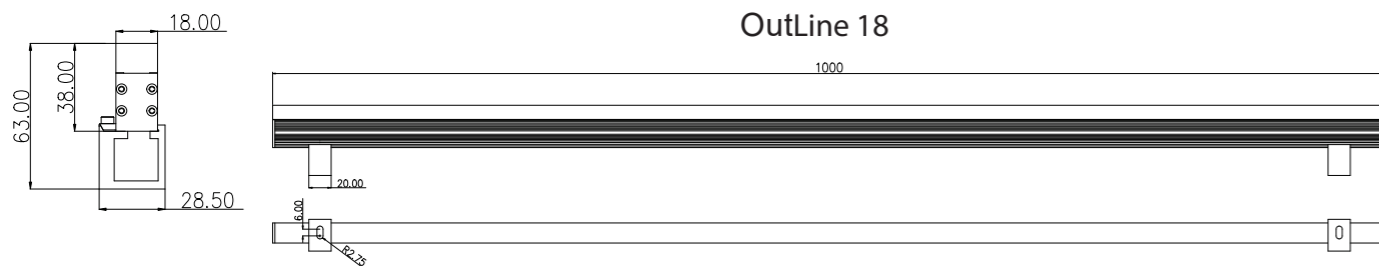
Dimension

Clear diffuser



CD Outline XS

Opal acrylic diffuser



OutLine 18

Warranty  
5 Year Warranty

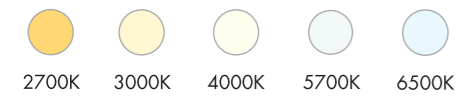
Control  
Standard DMX512 control protocol (Max 44 frames / second).  
The communication between fittings can be synchronised perfectly under use of Titan Artnet Controller.

Protection  
Lightning and ESD Protection  
Electrical Protections: short circuit, over current, over voltage and over temperature.

## Ordering Information

| Product        | Diffuser                                      | Width     | Length   | LED QTY  | LED Color                     |
|----------------|---|-----------|--|--|-------------------------------|
| <b>L</b>       | <b>M</b>                                      | <b>18</b> | <b>100</b>   | <b>96</b>  | <b>03</b>                     |
| DMX Linear Bar | C Clear Diffuser<br>M Acrylic Square Diffuser | 18mm Wide | 030 305mm<br>060 610mm<br>090 915mm<br>120 1220mm<br>050 500mm<br>100 1000mm | 18 LEDs<br>36 LEDs<br>54 LEDs<br>72 LEDs<br>30 LEDs<br>60 LEDs | 01 White<br>03 RGB<br>04 RGBW |

Colors LM181006001 LM181006003 LM181006004



### LED

|            |         |
|------------|---------|
| LED Source | SMD3535 |
| LED QTY    | 60pcs   |
| Beam Angle | 120°    |

### Electrical

|                   |               |
|-------------------|---------------|
| Input voltage     | 24VDC         |
| power consumption | 12W per meter |

### Control

|                    |                        |                   |                    |                    |
|--------------------|------------------------|-------------------|--------------------|--------------------|
| Protocol           | ON/OFF                 | DMX512            |                    |                    |
| Pixels             | 1 pixel per meter      | 5 pixel per meter | 10 pixel per meter | 20 pixel per meter |
| Addressing options | Auto/Manual addressing |                   |                    |                    |

### Physical

|                  |                    |                      |   |
|------------------|--------------------|----------------------|---|
| Housing Material | Aluminium          |                      |   |
| Finish           | Black/White/Silver | Mounting Options     | Surface mount                                       |
| Lense            | Clear/Opal/Black   | Luminaire Connection | 4PIN cable with screw lock connector for DC and DMX |

### Environment

|                       |             |          |                       |
|-----------------------|-------------|----------|-----------------------|
| Operating Temperature | -30° to 60° | Humidity | 0-95%, non-condensing |
| Startup Temperature   | -30° to 60° | IP       | Outdoor IP66          |
| Storage Temperature   | -40° to 80° |          |                       |

### Certificate



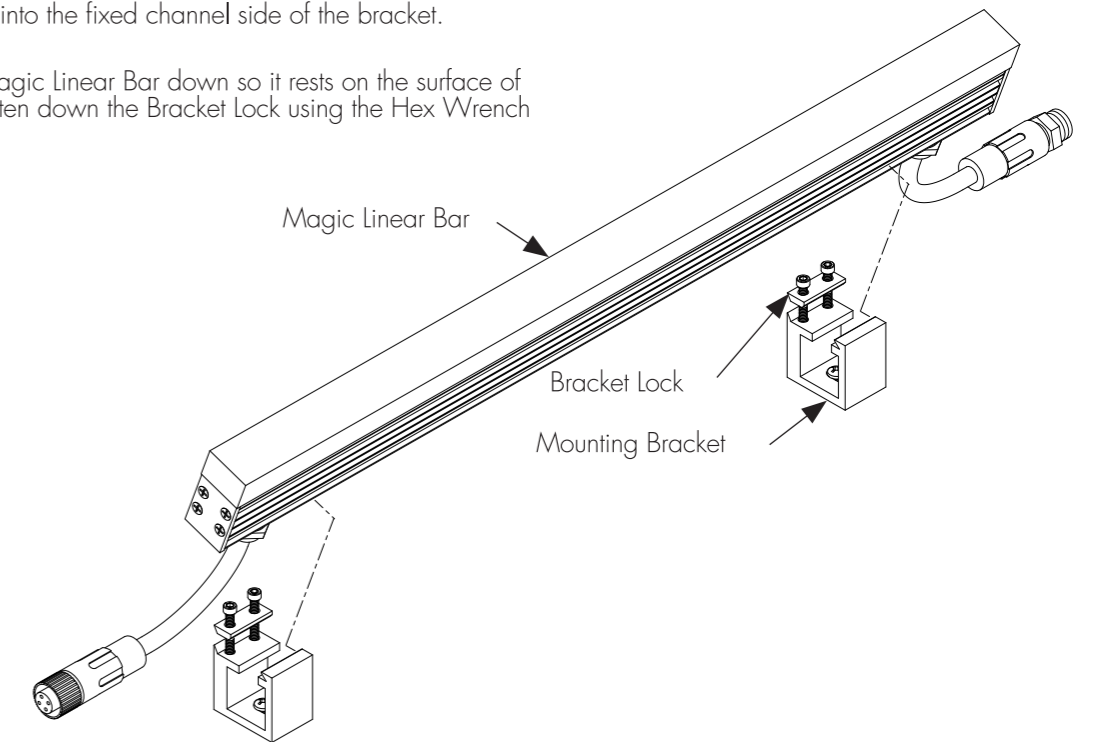
## Mounting Instructions

**Step 1:** Attach Brackets to the mounting surface with appropriate fasteners (ie: wood screws for wood).

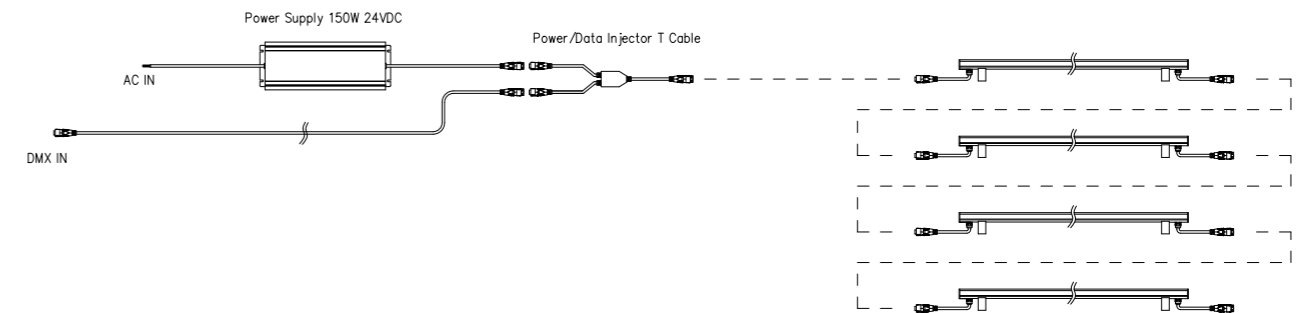
**Step 2:** Loosen the two screws that secure the Bracket Lock on each Mounting Bracket.

**Step 3:** Slide the Bar into the fixed channel side of the bracket.

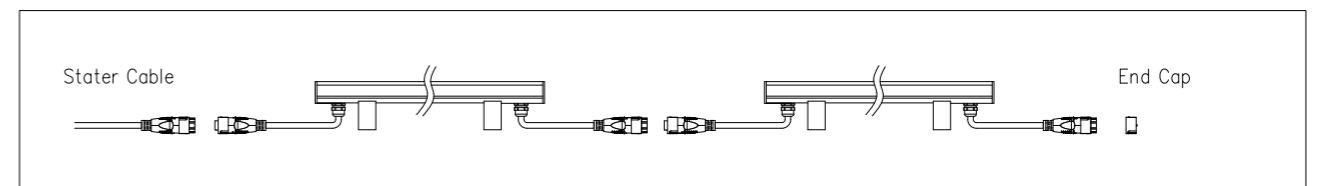
**Step 4:** Rotate the Magic Linear Bar down so it rests on the surface of the bracket and tighten down the Bracket Lock using the Hex Wrench provided.



## Wiring Diagram



### Luminair Interconnection



### Maximim Run Lengths

|       | 8W per meter  | 10W per meter | 12W per meter |
|-------|---------------|---------------|---------------|
| 24VDC | up to 18meter | up to 14meter | up to 12meter |

## Outline 28 CD Linear S

C281006

CD Outline S



M281006

Outline 28



**Warranty**  
5 Year Warranty

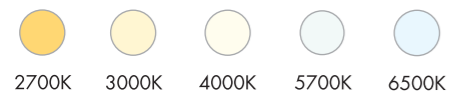
**Control**  
Standard DMX512 control protocol (Max 44 frames / second).  
The communication between fittings can be synchronised perfectly under use of Titan Artnet Controller.

**Protection**  
Lightning and ESD Protection  
Electrical Protections: short circuit, over current, over voltage and over temperature.

# Ordering Information

| Product        | Diffuser                                      | Width     | Length   | LED QTY  | LED Color                     |
|----------------|---|-----------|--|--|-------------------------------|
| <b>L</b>       | <b>M</b>                                      | <b>28</b> | <b>100</b>   | <b>60</b>  | <b>03</b>                     |
| DMX Linear Bar | C Clear Diffuser<br>M Acrylic Square Diffuser | 28mm Wide | 030 305mm<br>060 610mm<br>090 915mm<br>120 1220mm<br>050 500mm<br>100 1000mm | 18 LEDs<br>36 LEDs<br>54 LEDs<br>72 LEDs<br>30 LEDs<br>60 LEDs | 01 White<br>03 RGB<br>04 RGBW |

## Colors



## LED

|            |         |
|------------|---------|
| LED Source | SMD3535 |
| LED QTY    | 60pcs   |
| Beam Angle | 120°    |

## Electrical

|                   |               |
|-------------------|---------------|
| Input voltage     | 24VDC/48VDC   |
| power consumption | 12W per meter |

## Control

|                    |                        |                   |                    |                    |
|--------------------|------------------------|-------------------|--------------------|--------------------|
| Protocol           | ON/OFF                 | DMX512            |                    |                    |
| Pixels             | 1 pixel per meter      | 5 pixel per meter | 10 pixel per meter | 20 pixel per meter |
| Addressing options | Auto/Manual addressing |                   |                    |                    |

## Physical

|                  |                    |                      |   |
|------------------|--------------------|----------------------|---|
| Housing Material | Aluminium          | Mounting Options     | Surface mount                                       |
| Finish           | Black/White/Silver | Luminaire Connection | 4PIN cable with screw lock connector for DC and DMX |
| Lenze            | Clear              |                      |   |

## Environment

|                       |             |          |                       |
|-----------------------|-------------|----------|-----------------------|
| Operating Temperature | -30° to 60° | Humidity | 0-95%, non-condensing |
| Startup Temperature   | -30° to 60° | IP       | Outdoor IP66          |
| Storage Temperature   | -40° to 80° |          |                       |

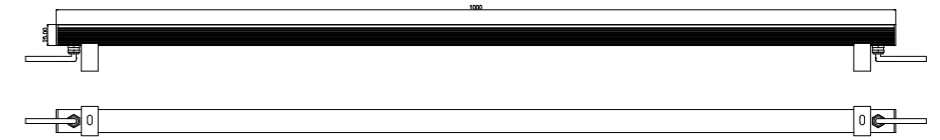
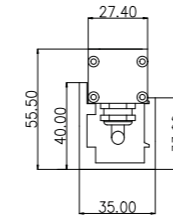
## Certificate

# iotaLAMP

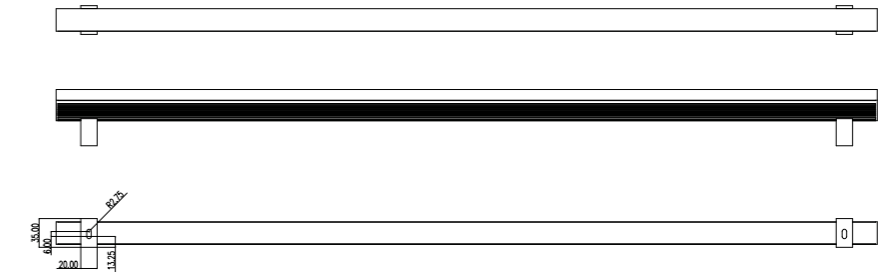
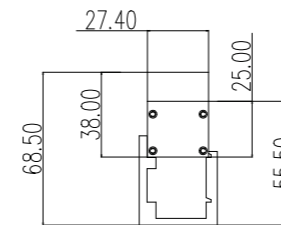


# Dimension

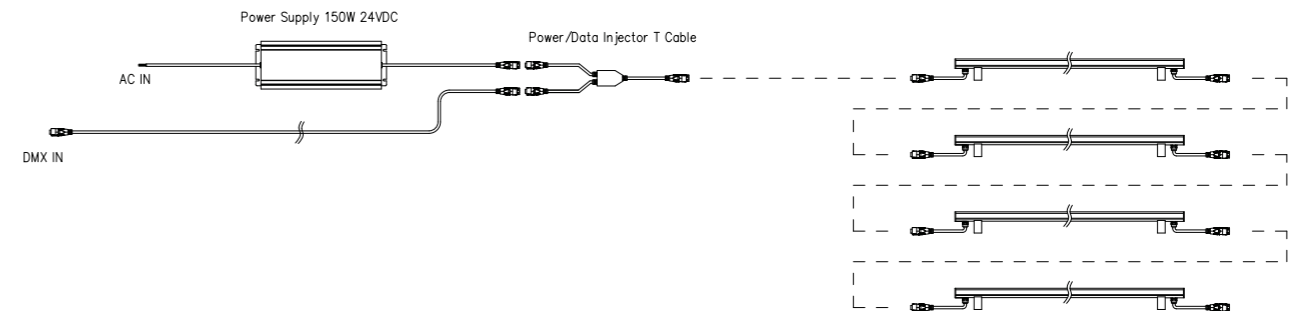
C281006



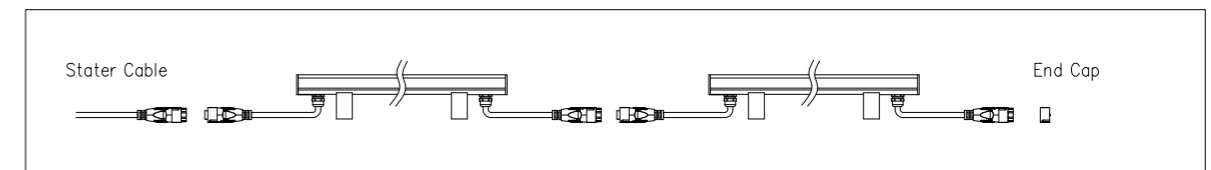
M281006



# Wiring Diagram



## Luminaire Interconnection



## Maximim Run Lengths

|       | 8W per meter  | 10W per meter | 12W per meter | 14W per meter |
|-------|---------------|---------------|---------------|---------------|
| 24VDC | up to 18meter | up to 14meter | up to 12meter | up to 10meter |
| 48VDC | up to 36meter | up to 28meter | up to 24meter | up to 20meter |