# Channel 4

Product Sheet

**LOOX** Luminaires



Linear LED fixture designated for indoor use.

**Channel 4** is a versatile liner which is available in lengths of up to 2000mm in 3 of 4 channels.
A choice of 20mm optics and wide range of LED configurations.

**Channel 4** is simple to install, with a supplied 2 sets of attachments it can be set to 3 different positions (0, −15, +15 deg.) units can be daisy chained using a jumper cable.





### Optic Range
Each unit can be specified with different optics. OVAL is designed for wall grazing.

### Thermal Protection
Fixtures and controllers are thermally managed to maintain color and output over time.

### High Power
Liner can be operated at 700mA, with a max. power consumption of 120W.

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## Output

| | |
|---|---|
| LED source | High power Luxeon Rebel |
| Channel range | 3 or 4 channels |
| Color choice | Warm White, Cool White, Red, Green, Blue, Amber, RGB, RGBW, RGBA |
| Optical system | 6°, 15°, 25°, 36°, OVAL |

## Electrical

| | |
|---|---|
| Control | External driver |
| Power consumption | Max. 120W |
| Max. chain | 48 LEDs – 4 channels
36 LEDs – 3 channels |

## Physical

| | |
|---|---|
| Length | Dependent |
| Width | 42mm |
| Height | 44,8mm |
| Housing | Powder coated Aluminum, UV protected Polycarbonate |
| Color | Aluminium anodize |

## Accessories

| | |
|---|---|
| attachments | Visible, Blind
180° Adjustable |

## Environmental

| | |
|---|---|
| Operating temp. | −18°C ~ + 40°C/
0°F ~ +104°F |
| Storage temp. | −10°C ~ + 60°C /
14°F ~ +140°F |
| IP Rating | Indoor – IP40 |

## Attachments

## Dimensions

44,8mm

42mm
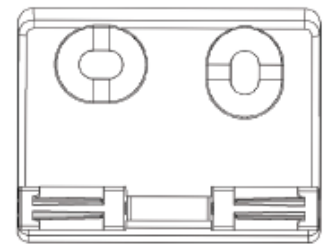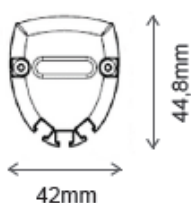
## Daisy chain connection

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## 4 Channels

| length | No. of LEDs | BIN options | optics |
|---|---|---|---|
| 171mm | 4 | WW– 2700K<br>WW– 3000K<br>NW– 4000K<br>CW– 6500K<br><br>Red<br>Green<br>Blue<br>Amber | 6°<br>15°<br>25°<br>45°<br>6° x 25° |
| 337mm | 8 | | |
| 503mm | 12 | | |
| 669mm | 16 | | |
| 835mm | 20 | | |
| 1001mm | 24 | | |
| 1067mm | 28 | | |
| 1332mm | 32 | | |
| 1499mm | 36 | | |
| 1665mm | 40 | | |
| 1800mm | 44 | | |
| 2000mm | 48 | | |

## 3 Channels

| length | No. of LEDs | BIN options | optics |
|---|---|---|---|
| 500mm | 12 | WW– 2700K<br>WW– 3000K<br>NW– 4000K<br>CW– 6500K<br><br>Red<br>Green<br>Blue<br>Amber | 6°<br>15°<br>25°<br>45°<br>6° x 25° |
| 1001mm | 24 | | |
| 1500mm | 36 | | |

## 3 out of 4 Channels  ○○○✕

| length | No. of LEDs | BIN options | optics |
|---|---|---|---|
| 171mm | 3 | WW– 2700K<br>WW– 3000K<br>NW– 4000K<br>CW– 6500K<br><br>Red<br>Green<br>Blue<br>Amber | 6°<br>15°<br>25°<br>45°<br>6° x 25° |
| 337mm | 6 | | |
| 503mm | 9 | | |
| 669mm | 12 | | |
| 835mm | 15 | | |
| 1001mm | 18 | | |
| 1067mm | 21 | | |
| 1332mm | 24 | | |

**Remarks:**

- All LEDs are Luxeon Rebel only
- LED output can vary according to bin selection

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- All daisy chained units on a single line will work as a single unit

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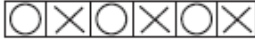
## 2 out of 4 channels

| length | No. of LEDs | BIN options | optics |
|--------|-------------|-------------|--------|
| 171mm | 2 | | |
| 337mm | 4 | | |
| 503mm | 6 | WW– 2700K | |
| 669mm | 8 | WW– 3000K | 6° |
| 835mm | 10 | NW– 4000K | 15° |
| 1001mm | 12 | CW– 6500K | 25° |
| 1167mm | 14 | | 45° |
| 1332mm | 16 | Red | 6° x 25° |
| 1499mm | 18 | Green | |
| 2000mm | 24 | Blue | |
| | | Amber | |

## 3 out of 6 channels

| length | No. of LEDs | BIN options | optics |
|--------|-------------|-------------|--------|
| 500mm | 6 | WW– 2700K | |
| | | WW– 3000K | 6° |
| | | NW– 4000K | 15° |
| 1001mm | 12 | CW– 6500K | 25° |
| | | | 45° |
| | | Red | 6° x 25° |
| | | Green | |
| 1500mm | 18 | Blue | |
| | | Amber | |

**Remarks:**

- When using this configuration option the assembly can be made in 2 ways:

  equal spacing is more used for monochromatic

  ⬜✕⬜✕

  groups are often used in color mixing,
  in groups of 4 LEDs

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