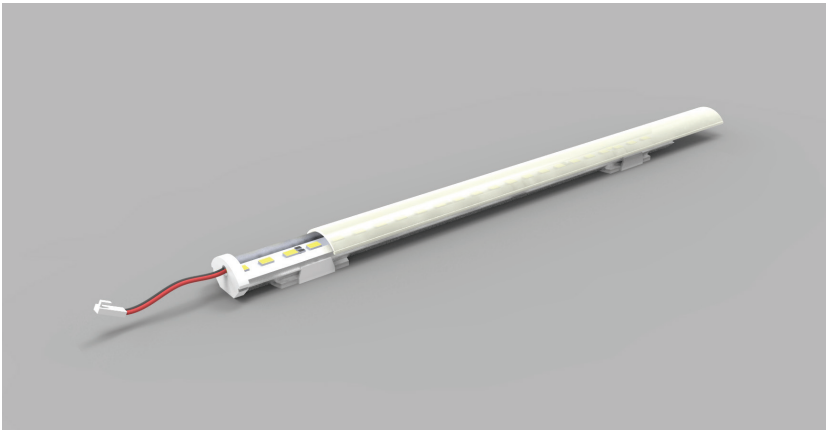# LED Linear Lighting

spec sheet

## Main Features

O  Linear LEDs for every design application

O  Various outputs from 750 lm/M to 6000 lm/M

O  Bracket/clips design to suit continuous line of light

O  Advanced optic design to maximise wall wash effect

O  Low profile lights for precise joinery application

O  50 000 unit life expectancy

O  2 year warranty

Linear LED Lighting by The Light Lab

LinLED-PROFILE
LinLED-PROFILE-MINI
LinLED-PROFILE-SHELF
LinLED-PROFILE-IP65
LinLED-COVE
LinLED-HO-OPTIC
LinLED-SHO-OPTIC-BAFFLE
LinLED-HO-OPTIC-MINI
LinLED-HO-OPTIC-TRI-CHANNEL
LinLED-HO-OPTIC-RGBW
LinLED-SHO-OPTIC-BAFFLE-FLOOR

# Product Details: LinLED-PROFILE



## Specification

|  | SO | HO |
|---|---|---|
| Length | min 55mm up to 1955mm in 50mm increments | min 55mm up to 1955mm in 50mm increments |
| Colour | 3.0K/4.0K/5.0K | 2.7K/3.0K/3.5K/4.0K/5.0K |
| Input Voltage | 24Vdc | 24Vdc |
| Power Consumption | 9.6 W/m | 14 W/m |
| Luminaire Efficiency | 80 lm/W | 110 lm/W |
| IP Rating | IP44 | IP44 |
| Diffuser | Clear/Frost/Opal | Clear/Frost/Opal |
| Clip | Fixed 0°/30°/45° | Fixed 0°/30°/45° |

### Order code
LinLED PROFILE-LENGTH-OUTPUT-COLOUR-IP-DIFFUSER-CLIP
e.g. LED PROFILE-XX-SO-3.0K-IP44-CLEAR-0

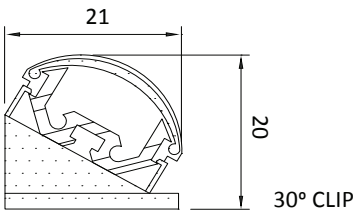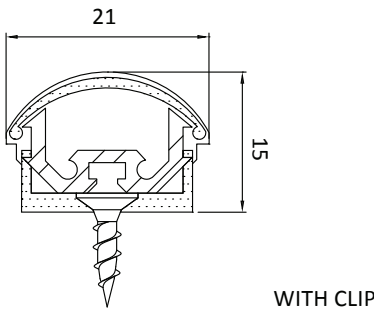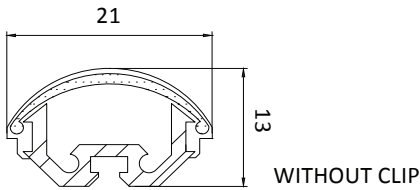| LENGTH - | OUTPUT - | COLOUR - | IP - | DIFFUSER - | CLIP |
|---|---|---|---|---|---|
| XXmm | SO | 2.7K | IP44 | CLEAR | 0 |
|  | HO | 3.0K |  | FROST | 30 |
|  |  | 3.5K |  | OPAL | 45 |
|  |  | 4.0K |  |  |  |
|  |  | 5.0K |  |  |  |

### Drivers
non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application
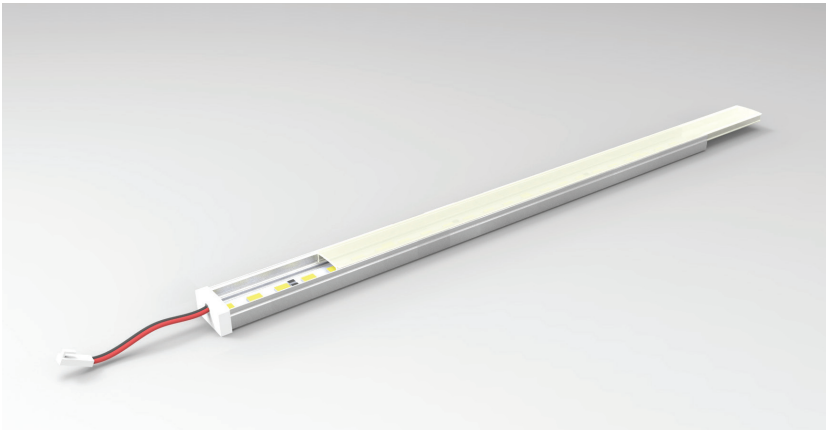
Linear LED Lighting by The Light Lab

## X-Sections



21

13

WITHOUT CLIP



21

15

WITH CLIP



21

20

30° CLIP

## Project Example

# Product Details: LinLED-PROFILE-MINI

## Specification

| | SO |
|---|---|
| Length | Min 55mm up to 1955mm in 50mm increments |
| Colour | 3.0K/4.0K/5.0K |
| Input Voltage | 24Vdc |
| Power Consumption | 9.6 W/m |
| Luminaire Efficiency | 80 lm/W |
| IP Rating | IP44 |
| Diffuser | Clear/Frost/Opal |
| Fixing | VHB Tape or Dual Lock |

Order code
LinLED PROFILE MINI-LENGTH-OUTPUT-COLOUR-IP-DIFFUSER-CLIP
e.g. LED PROFILE MINI-XXmm-SO-3.0K-IP44-CLEAR-VHB

| LENGTH - | OUTPUT - | COLOUR - | IP - | DIFFUSER - | FIXING |
|---|---|---|---|---|---|
| XXmm | SO | 3.0K | IP44 | CLEAR | VHB |
| | | 4.0K | | FROST | DL |
| | | 5.0K | | OPAL | |

Drivers
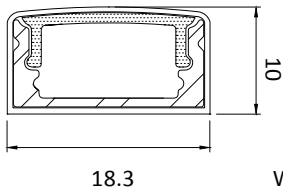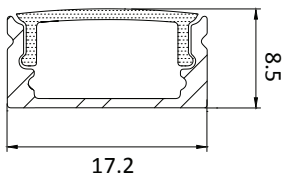
non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

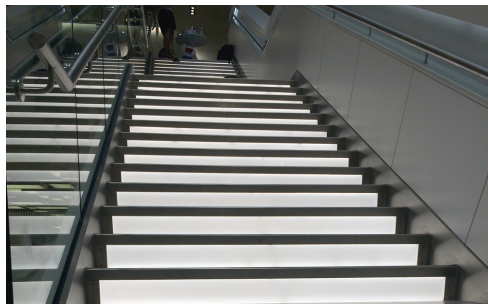Please call our sales team who will make sure specification suits application

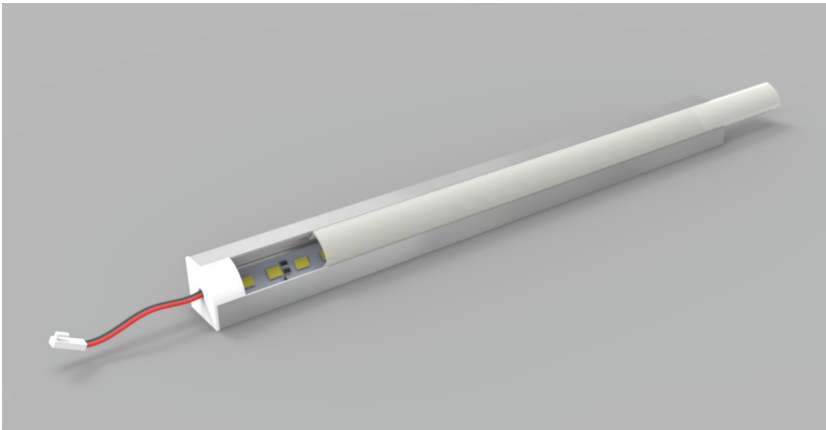Linear LED Lighting by The Light Lab

## X-Sections

8.5

17.2

10

18.3        WITH ENDCAP

## Project Example

# Product Details: LinLED-PROFILE-SHELF



## Specification

|  | SO | HO |
|---|---|---|
| Length | min 55mm up to 1955mm in 50mm increments | min 55mm up to 1955mm in 50mm increments |
| Colour | 3.0K/4.0K/5.0K | 2.7K/3.0K/3.5K/4.0K/5.0K |
| Input Voltage | 24Vdc | 24Vdc |
| Power Consumption | 9.6 W/m | 14 W/m |
| Luminaire Efficiency | 80 lm/W | 110 lm/W |
| IP Rating | IP44 | IP44 |
| Diffuser | Clear/Frost/Opal | Clear/Frost/Opal |
| Clip | Clip or VHB Dual Lock | Clip or VHB Dual Lock |

### Order code

LinLED PROFILE SHELF-LENGTH-OUTPUT-COLOUR-IP-DIFFUSER-CLIP
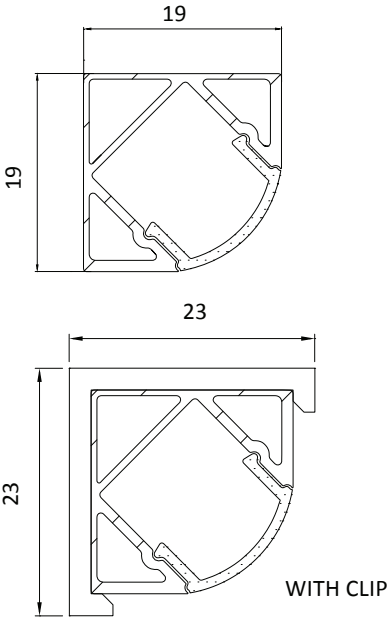e.g. LED PROFILE-XXmm-SO-3.0K-IP44-CLEAR-CLIP

| LENGTH | - | OUTPUT | - | COLOUR | - | IP | - | DIFFUSER | - | CLIP |
|---|---|---|---|---|---|---|---|---|---|---|
| XXmm | | SO | | 2.7K | | IP44 | | CLEAR | | CLIP |
| | | HO | | 3.0K | | | | FROST | | VHB |
| | | | | 3.5K | | | | OPAL | | |
| | | | | 4.0K | | | | | | |
| | | | | 5.0K | | | | | | |

### Drivers

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately
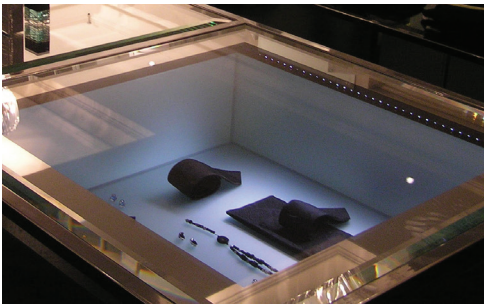
Please call our sales team who will make sure specification suits application
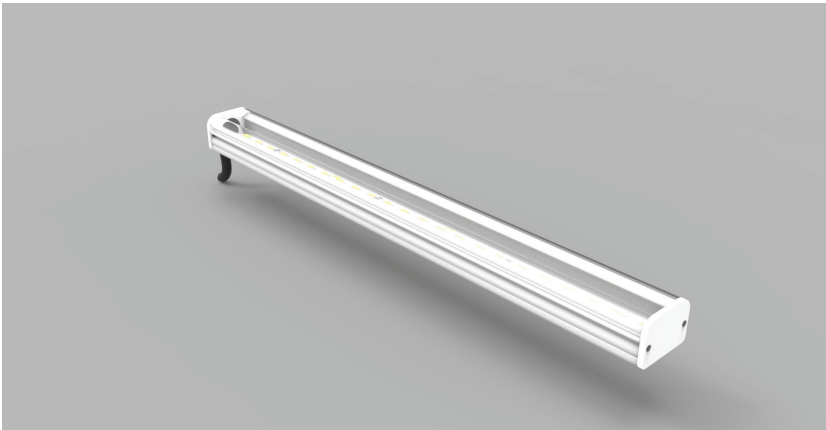
Linear LED Lighting by The Light Lab

## X-Sections





WITH CLIP

## Project Example

# Product Details: LinLED-PROFILE-IP65



## Specification

| | HO | RGB |
|---|---|---|
| Length | Min 55mm up to 1955mm in 50mm increments | Min 55mm up to 1955mm in 50mm increments |
| Colour | 2.7K/3.0K/3.5K/4.0K/5.0K | RGB/RGBCW/RGBWW |
| Input Voltage | 24Vdc | 12Vdc |
| Power Consumption | 14W/m | 14W/m |
| Luminaire Efficiency | 110 lm/W | N/A |
| IP Rating | IP44 | IP44 |
| Diffuser | Clear | Clear |
| Clip | Fixed | Fixed |
| Cable Exit | Rear or End | Rear or End |

### Order code

LinLED PROFILE IP65-LENGTH-OUTPUT-COLOUR-IP-DIFFUSER-CLIP-CABLE EXIT
e.g. LED PROFILE IP65-XXmm-HO-3.0K-14W/m-110lm/W-IP44-CLEAR-FIXED-REAR

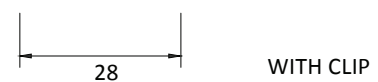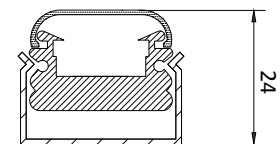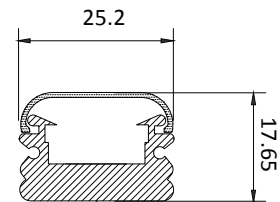| LENGTH | - OUTPUT - | COLOUR | - IP - | DIFFUSER | - CLIP - | CABLE EXIT |
|---|---|---|---|---|---|---|
| XXmm | HO | 2.7K | IP44 | CLEAR | FIXED | REAR |
| | RGB | 3.0K | | | ADJ | END |
| | | 3.5K | | | | |
| | | 4.0K | | | | |
| | | 5.0K | | | | |
| | | RGB | | | | |
| | | RGBCW | | | | |
| | | RGBWW | | | | |

### Drivers

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application

Linear LED Lighting by The Light Lab

## X-Sections



25.2

17.65



24

28

WITH CLIP

## Project Example

# Product Details: LinLED-COVE



## Specification

|  | HO | SHO | WMIX |
|---|---|---|---|
| Length | 90mm min + 83mm increments | 90mm + 83mm increments | 180mm + 167mm increments |
| Colour | 2.3K/2.7K/3.0K/ 3.5K/3.5K/4.0K/ 5.0K | 2.3K/2.7K/3.0K/ 3.5K/3.5K/4.0K/ 5.0K | 2.7K/5.3K White Mix |
| Input Voltage | 24Vdc | 24Vdc | 24Vdc |
| Power Consumption | 19.5 W/m | 37 W/m | 19.5 W/m |
| Luminaire Efficiency | 127 lm/W | 125 lm/W | 125 lm/W |
| IP Rating | IP44 | IP44 | IP44 |
| Diffuser | Frosted | Frosted | Frosted |
| Clip | Round plastic | Round Plastic | Round plastic |

### Order code
LED COVE-LENGTH-OUTPUT-COLOUR-IP-DIFFUSER-CLIP
e.g. LED COVE-XXmm-SHO-2.3K-IP44-FROSTED-RP

| LENGTH - | OUTPUT - | COLOUR | - IP - | DIFFUSER - | CLIP |
|---|---|---|---|---|---|
| XXmm | SHO | 2.3K | IP44 | Frosted | RP |
|  | WMIX | 2.7K |  |  |  |
|  |  | 3.0K |  |  |  |
|  |  | 3.5K |  |  |  |
|  |  | 4.0K |  |  |  |
|  |  | 5.0K |  |  |  |
|  |  | 5.3K |  |  |  |

### Drivers
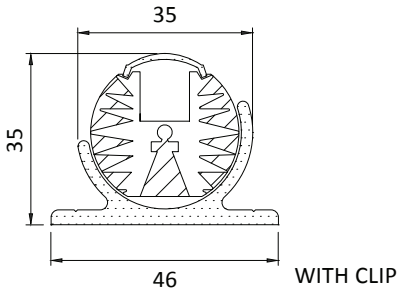non-dimmable power supplies:
1-10V /DALI/DMX dimmable power supplies to be ordered seperately

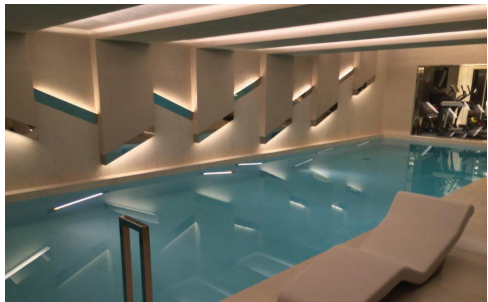Please call our sales team who will make sure specification suits application

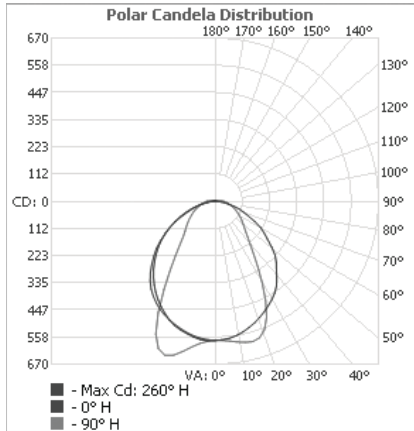Linear LED Lighting by The Light Lab

## X-Sections



35

35

46  WITH CLIP

## Project Example



## Photometric Info



Polar Candela Distribution

- Max Cd: 260° H
- 0° H
- 90° H



the light lab
bright ideas

# Product Details: LinLED-SHO-OPTIC-BAFFLE



## Specification

| | 350ma | 500ma |
|---|---|---|
| Length | 200mm + 97mm increments | 200mm + 97mm increments |
| Colour | 2.25K/2.7K/3.0K/3.5K/ 4.0K/4.5K/5.3K/6.0K | 2.25K/2.7K/3.0K/3.5K/ 4.0K/4.5K/5.3K/6.0K |
| Input Current | 350ma | 500ma |
| Power Consumption | 44 W/m | 63 W/m |
| Luminaire Efficiency | 108 lm/W | 105 lm/W |
| IP Rating | IP20 | IP20 |
| Optic | 15°/20°/45°/ 34° x13° | 15°/20°/45°/ 34° x13° |
| Clip | Rear or End Bracket | Rear or End Bracket |

### Order code
LinLED SHO OPTIC BAFFLE-LENGTH-CURRENT-COLOUR-IP-OPTIC-CLIP
e.g. LED SHO OPTIC BAFFLE-XXmm-300ma-2.25K-IP20-16-REAR

| LENGTH - | CURRENT - | COLOUR - | IP - | OPTIC - | CLIP |
|---|---|---|---|---|---|
| XXmm | 300ma | 2.25K | IP20 | 16 | REAR |
| | 500ma | 2.7K | | 23 | END |
| | | 3.0K | | 46 | |
| | | 3.5K | | 48x19 | |
| | | 4.0K | | | |
| | | 4.5K | | | |
| | | 5.3K | | | |
| | | 6.0K | | | |

### Drivers
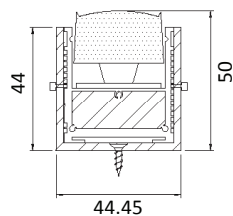non-dimmable power supplies:
1-10V /DALI/DMX dimmable power supplies to be ordered seperately

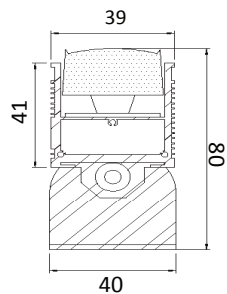Please call our sales team who will make sure specification suits application

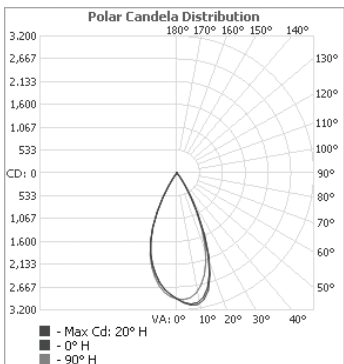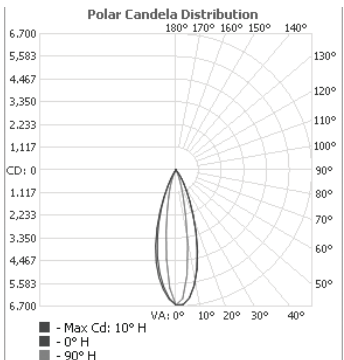Linear LED Lighting by The Light Lab

## X-Sections



FIXED FITTING



ROTARY FITTING

## Photometric Info

# Product Details: LinLED-HO-OPTIC-SINGLE-CHANNEL



## X-Sections



## Specification

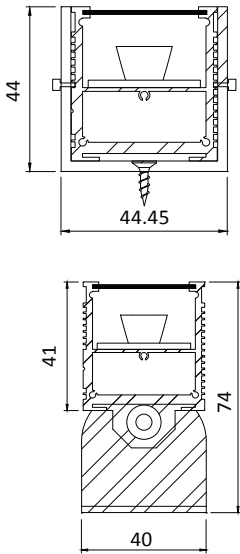|  | 350ma | 700ma |
|---|---|---|
| Length | 190mm + 167mm increments | 200mm + 97mm increments |
| Colour | 2.25K/2.7K/3.0K/3.5K/ 4.0K/4.5K/5.3K/6.0K | 2.25K/2.7K/3.0K/3.5K/ 4.0K/4.5K/5.3K/6.0K |
| Input Current | 350ma | 700ma |
| Power Consumption | 25 W/m | 50 W/m |
| Luminaire Efficiency | 108 lm/W | 97 lm/W |
| IP Rating | IP20 | IP20 |
| Optic | 11°/26°/39°/ 46° x12° | 11°/26°/39°/ 46° x12° |
| Clip | Rear or End Bracket | Rear or End Bracket |

### Order code
LinLED HO OPTIC SINGLE CHANNEL-LENGTH-CURRENT-COLOUR-IP-OPTIC-CLIP
e.g. LED HO OPTIC SINGLE CHANNEL-XXmm-350ma-2.25K-IP20-11-REAR

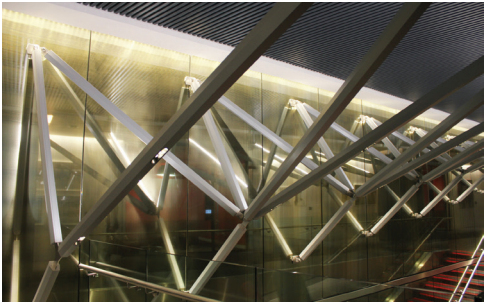| LENGTH | - CURRENT | - COLOUR | - IP | - OPTIC | - CLIP |
|---|---|---|---|---|---|
| XXmm | 350ma | 2.25K | IP20 | 11 | REAR |
|  | 700ma | 2.7K |  | 26 | END |
|  |  | 3.0K |  | 39 |  |
|  |  | 3.5K |  | 46x12 |  |
|  |  | 4.0K |  |  |  |
|  |  | 4.5K |  |  |  |
|  |  | 5.3K |  |  |  |
|  |  | 6.0K |  |  |  |

### Drivers
non-dimmable power supplies:
1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application
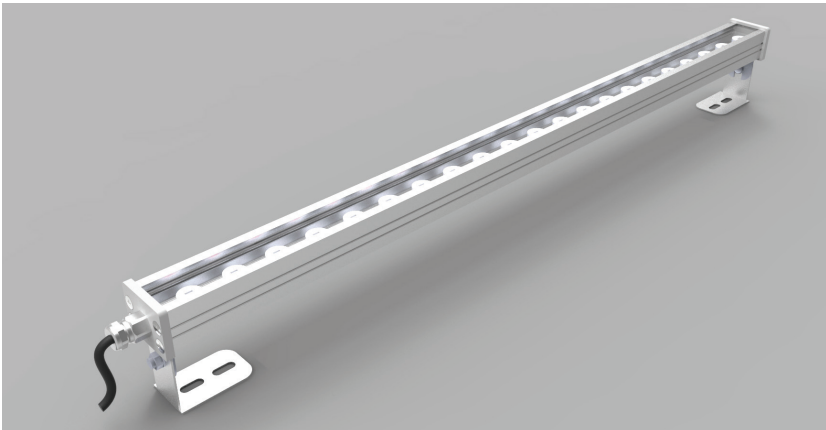
Linear LED Lighting by The Light Lab

## Project Example

# Product Details: LinLED-HO-OPTIC-MINI



## Specification

| | |
|---|---|
| Length | 120m + 100m increments |
| Colour | 2.7K/3.0K/4.0K/6.0K |
| Input Voltage | 24Vdc |
| Power Consumption | 20 W/m |
| Luminaire Efficiency | 110 lm/W |
| IP Rating | IP40 |
| Optic | 16°/23°/46°/48°x19° |
| Clip | Clip or Adjustable Bracket |
| Diffuser | Clear or Frosted |

---

**Order code**

LinLED HO OPTIC MINI-LENGTH-COLOUR-IP-OPTIC-CLIP-DIFFUSER
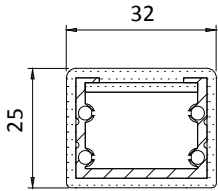
e.g. LED HO OPTIC MINI-XXmm-2.7K-IP40-16-CLIP-CLEAR

| LENGTH - | COLOUR | - IP - | OPTIC | - CLIP | - DIFFUSER |
|---|---|---|---|---|---|
| XXmm | 2.7K | IP40 | 16 | CLIP | CLEAR |
| | 3.0K | | 23 | AB | FROSTED |
| | 4.0K | | 46 | | |
| | 6.0K | | 48X19 | | |

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**Drivers**

non-dimmable power supplies:

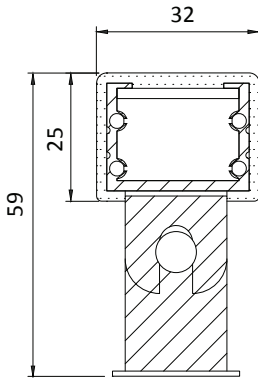1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application

Linear LED Lighting by The Light Lab
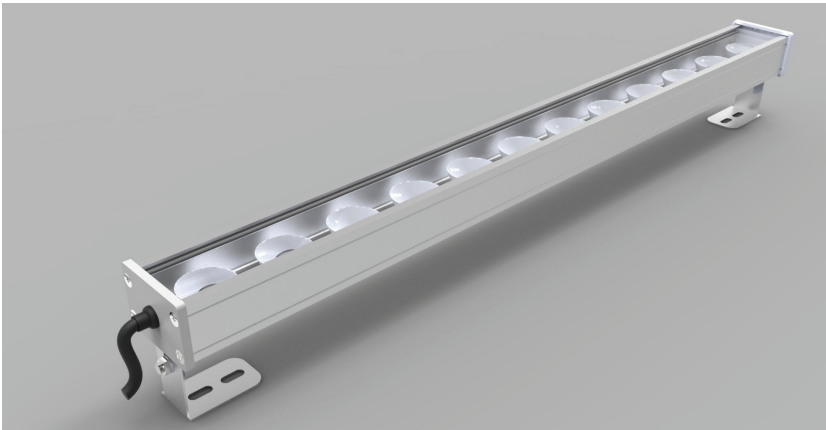
## X-Sections



WITHOUT BRACKET



WITH BRACKET

## Project Example

# Product Details: LinLED-HO-OPTIC-TRI-CHANNEL



## Specification

| | |
|---|---|
| Length | 495mm up to 1755mm in 420mm increments |
| Colour | White Mix or RGB |
| Input Voltage | 24Vdc |
| Power Consumption | 32 W/m |
| Luminaire Efficiency | 83 lm/W for white mix |
| IP Rating | IP40 or IP65 |
| Optic | 7°/14°/26°/40°/9° x48° |
| Diffuser | Clear or Frosted |

Order code
LinLED HO OPTIC TRI CHANNEL-LENGTH-COLOUR-IP-OPTIC-DIFFUSER
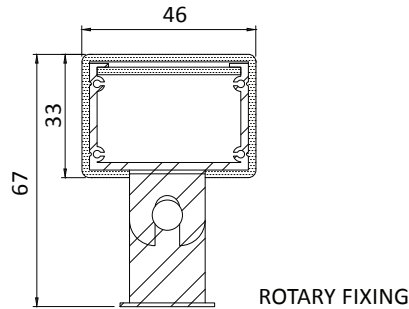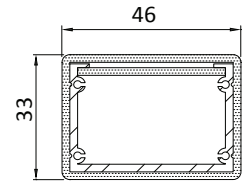e.g. LED HO OPTIC TRI CHANNEL-XXmm-RGB-IP40-7-CLEAR

| LENGTH - | COLOUR - | IP - | OPTIC - | DIFFUSER |
|---|---|---|---|---|
| XXmm | WM | IP40 | 7 | CLEAR |
| | RGB | IP65 | 14 | FROSTED |
| | | | 26 | |
| | | | 40 | |
| | | | 9X48 | |

Drivers

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application

Linear LED Lighting by The Light Lab

## X-Sections



46

33

46

33

67

ROTARY FIXING

## Project Example

# Product Details: LinLED-HO-OPTIC-RGBW



## Specification

| | |
|---|---|
| Length | 340mm up to 250mm in 1840mm increments |
| Colour | White Mix or RGB |
| Input Voltage | 24Vdc |
| Power Consumption | 46 W/m |
| Luminaire Efficiency | 85 lm/W for white mix |
| IP Rating | IP40 or IP65 |
| Optic | 20°/28°/40°/45° x18° |
| Diffuser | Clear or Frosted |

**Order code**
LinLED HO OPTIC RGBW-LENGTH-COLOUR-IP-OPTIC-DIFFUSER
e.g. LED HO OPTIC RGBW-XXmm-RGB-IP40-20-CLEAR

| LENGTH - | COLOUR - | IP - | OPTIC - | DIFFUSER |
|---|---|---|---|---|
| XXmm | WM | IP40 | 20 | CLEAR |
| | RGB | IP65 | 28 | FROSTED |
| | | | 40 | |
| | | | 45x18 | |

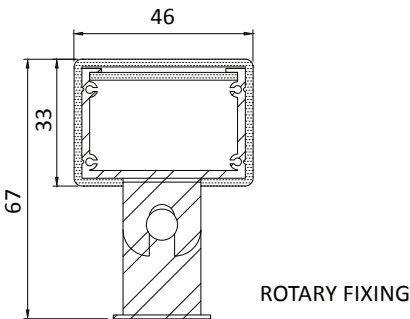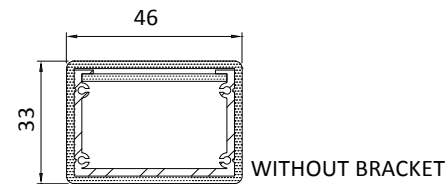**Drivers**

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

Please call our sales team who will make sure specification suits application
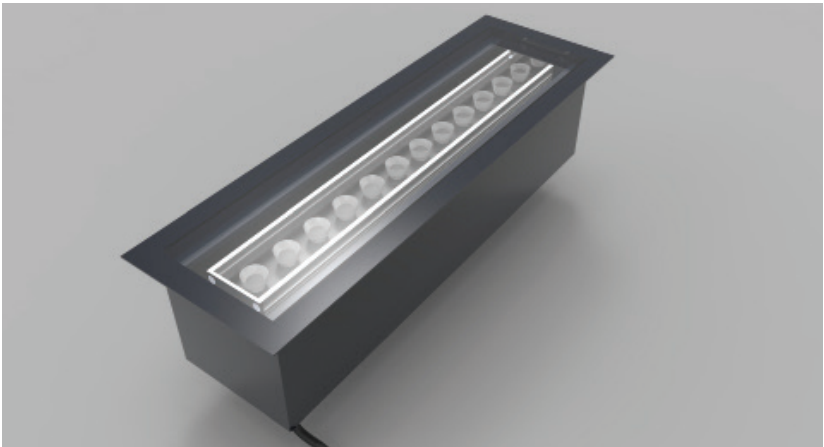
Linear LED Lighting by The Light Lab

## X-Sections



WITHOUT BRACKET



ROTARY FIXING

## Project Example

# Product Details: LinLED-SHO-OPTIC-BAFFLE-FLOOR



## Specification

|  | 350ma | 500ma |
|---|---|---|
| Length | 200mm + 97mm increments | 200mm + 97mm increments |
| Colour | 2.25K/2.7K/3.0K/3.5K/ 4.0K/4.5K/5.3K/6.0K | 2.25K/2.7K/3.0K/3.5K/ 4.0K/4.5K/5.3K/6.0K |
| Input Current | 350ma | 500ma |
| Power Consumption | 44 W/m | 63 W/m |
| Luminaire Efficiency | 108 lm/W | 105 lm/W |
| IP Rating | IP65 | IP65 |
| Optic | 15°/20°/45°/ 34°x13° | 15°/20°/45°/ 34°x13° |
| Clip | Rear or End Bracket | Rear or End Bracket |

### Order code

LinLED SHO OPTIC BAFFLE FLOOR-LENGTH-CURRENT-COLOUR-IP-OPTIC-CLIP
e.g. LED SHO OPTIC BAFFLE FLOOR-XXmm-300ma-2.25K-IP20-16-REAR

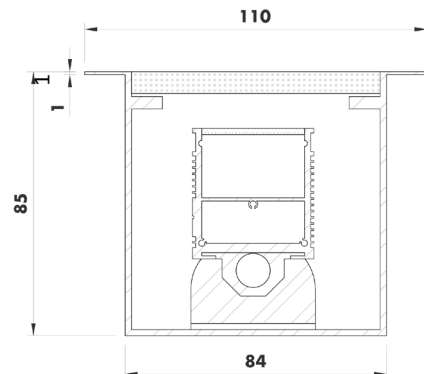| LENGTH - | CURRENT - | COLOUR - | IP - | OPTIC - | CLIP |
|---|---|---|---|---|---|
| XXmm | 300ma | 2.25K | IP20 | 16 | REAR |
|  | 500ma | 2.7K |  | 23 | END |
|  |  | 3.0K |  | 46 |  |
|  |  | 3.5K |  | 48x19 |  |
|  |  | 4.0K |  |  |  |
|  |  | 4.5K |  |  |  |
|  |  | 5.3K |  |  |  |
|  |  | 6.0K |  |  |  |

### Drivers

non-dimmable power supplies:

1-10V /DALI/DMX dimmable power supplies to be ordered seperately

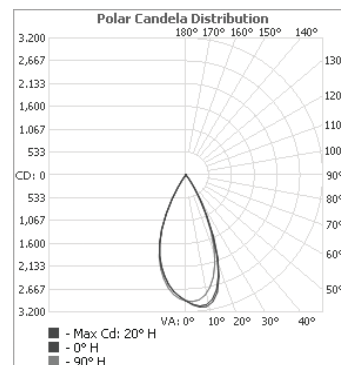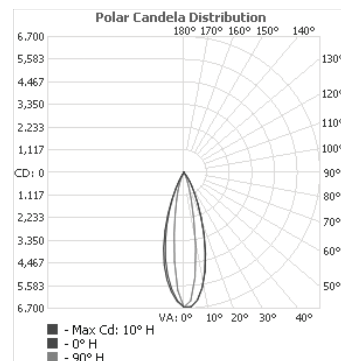Please call our sales team who will make sure specification suits application

Linear LED Lighting by The Light Lab

## X-Sections



## Photometric Info

# Project Images


30 Cannon Street


Del Aziz, Bermondsey


AON, London


Office interior, London


Andrew Martin, London


Kings Cross Underground Station


The Dorchester Ballroom

Linear LED Lighting by The Light Lab