# LD30HR

Linear LED Hanging Rail
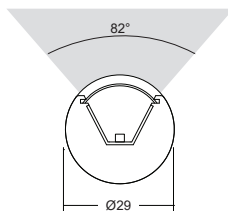
350 mA   500 mA   IP40   F

Data sheet - Page 1





The ultra slim profile creates a very neat way of illuminating clothes in wardrobes. The unique linear reflector system where the LEDs are mounted within it, creates a very even and focused beam with no spotting from lenses or loss of output from just using the LED itself. The deep recessed position and non specular reflector keeps glare to a minimum. Our experience is that 75mm LED spacing provides an adequate level of light for this application.

## Key Features

- Ultra slim profile
- 93CRI LEDs
- Great colour rendering on the clothes below
- Low glare
- 75mm LED spacing recommended
- Silver anodised finish recommended as this is the hardest wearing
- Custom made lengths to suit on site dimensions
- Available with Switched, 0-10V, DMX or Dali drivers

## Specification

| Applications | | | | |
|---|---|---|---|---|
| Beam Angles | 82° | | | |
| LED type | Cree XPG | | | |
| Colour temperature | 2700K / 3000K | | 4000K / 5000K | |
| Drive Current (mA) | 350 | 500 | 350 | 500 |
| LED power* (W) | 1.2W | 1.7W | 1.2W | 1.7W |
| CRI (typical) | 93 | 93 | 75 | 75 |
| Forward voltage (V)$_{100}$ | 3.0V | 3.2V | 3.0V | 3.2V |
| LED spacing | Delivered lm/m (L$_{100}$) | | | |
| 50mm | 1417 | 1857 | 2195 | 2862 |
| 75mm | 1030 | 1313 | 1550 | 2022 |
| 100mm | 810 | 1023 | 1183 | 1538 |
| Lumens per circuit watt** | 59 | 55 | 91 | 84 |
| LED lifetime (to 70% lumen maintenance) | 50,000hrs at a max ambient temperature of 35°C | | | |
| Materials | Silver anodised aluminium body, Polycarbonate cover. Aluminium reflector and end caps. | | | |
| Wiring | Comes pre-wired with 2m lead, can be specified with up to 10m at extra cost | | | |
| IP rating | IP40 | | | |

*LED wattage includes losses associated with using an 85% efficient driver
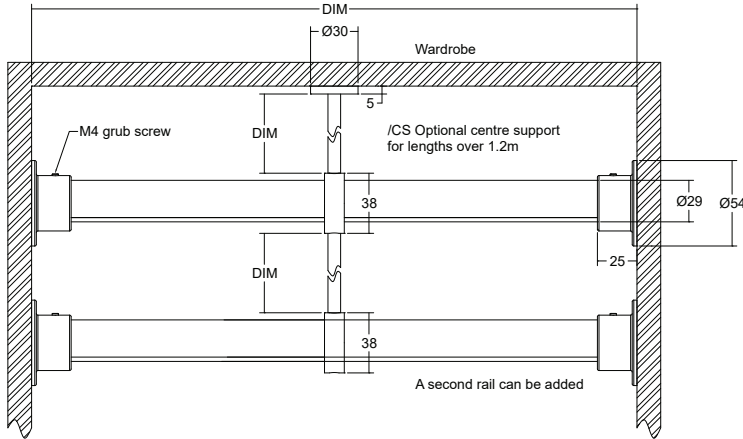**Data shown allows for 50mm spacing, allowing for an ambient temperature of 35°C

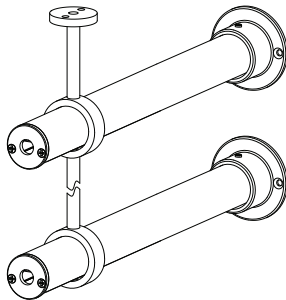82°

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# LD30HR

Linear LED Hanging Rail

## Mounting Options and Dimensions

Specify Dims.



Cable entry is via the ends of the extrusion. (Dimensions in mm)



## Order Codes and Options

| Product code | LED colour | LED spacing | Cover option | Fixing option | Length (DIM) | Finish |
|---|---|---|---|---|---|---|
| LD30 - 350HR | | | | | | |

Example: LD30-350HR / LW30 / 50 / CC / CS / 1000mm / Silver anodised

### Product codes with output options

| | |
|---|---|
| 1.2W LED at 350mA | **LD30HR-350** |
| 1.7W LED at 500mA | **LD30HR-500** |

### LED colour options                                                      **Suffix**

| | |
|---|---|
| Super Warm White (2200K) | /LW22 |
| Extra Warm White (2700K) | /LW27 |
| Warm White (3000K) | /LW30 |
| White (4000K) - on request | /LW40 |
| Cool White (5000K) | /LW50 |

### LED spacing

| | |
|---|---|
| 50mm | /50 |
| 75mm | /75 |
| 100mm | /100 |

### Cover option

| | |
|---|---|
| Clear cover | /CC |
| Frosted cover | /FD |

### Fixing option

| | |
|---|---|
| Central support | /CS |

### Finish options

| | |
|---|---|
| Silver anodised (standard) | |
| Black anodised | |

### Use with 350mA and 500mA constant current LED drivers

We have a wide range of dimmable LED drivers, 0-10V, DMX, DALI and Mains dimmable. Please see the downloads section on our website.

## Photometrics

Photometric files are included in the design pack which can be downloaded from the LD30HR product page on the website.