

# R7 Custom Linear LED Recessed

## Datasheet



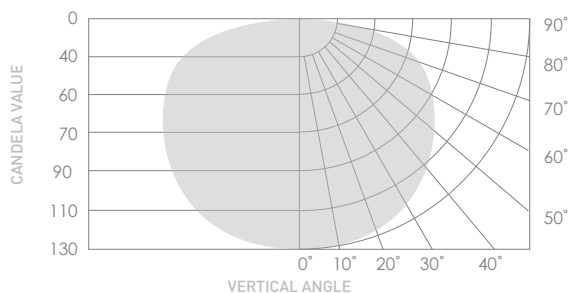
### Product codes

<b>Product name:</b> R7	<b>Length:</b> 2.5m xx	<b>Family:</b> LN	<b>Circuit Wattage:</b> 7W/m	<b>Colour temp:</b> 3K 4K	<b>Beam angle:</b> DF180	<b>Body:</b> White (W)	<b>Driver:</b> ND Phase Dali 010V
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### Photometrics

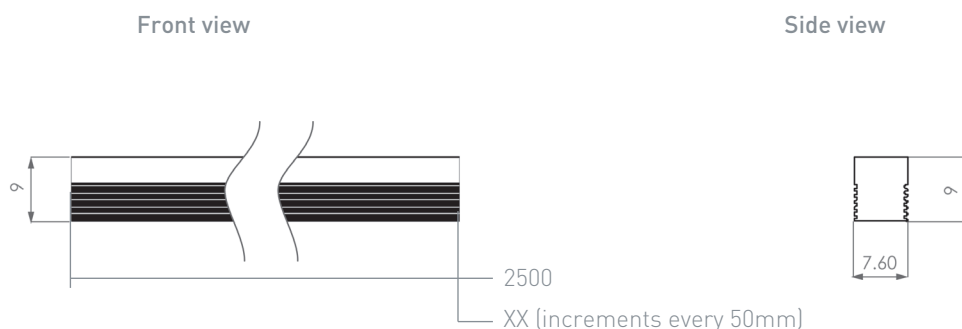
**CCT: 3000K**  
**Total Circuit Efficacy: 103lm/W**  
**Source lumens output (7W/m): 720lm/m**

**CCT: 4000K**  
**Total Circuit Efficacy: 105lm/W**  
**Source lumens output (7W/m): 735lm/m**



Beam angle: DF180°

### Dimensions (mm)



## Electrical

Length	2.5m	xx
Power Usage	1802lm/ 1837lm	W* (103lm / 105lm)
7W/m	17.5W	W=7W*xx

**Dimmable:** Yes  
**Power Usage:** 7W/m  
**IP rating:** IP44  
**Surge protection:** 3100V  
**Driver power factor:** >0.9  
**Driver Input voltage:** 220-265V

**LED input voltage:** 24V  
**DC cable length:** 630mm

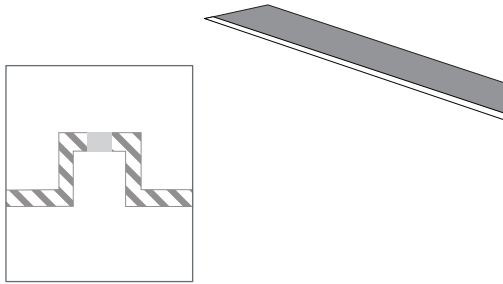
## Operational

**Operating temp.:** -30 to 85°C  
**Ambient temp.:** -28 to 55°C  
**Lifetime:** L70 = 50,000hrs  
 L50 = 80,000hrs  
**Warranty:** 7 years of luminaire warranty  
 & 5 years of driver warranty

## Compatibility

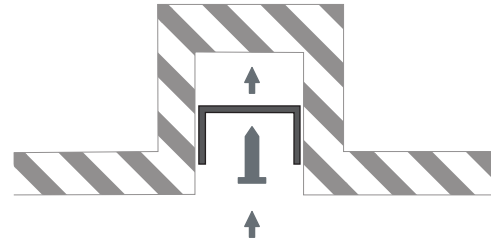
**Dimming:**  
 Non-Dimmable (ND)  
 Digital Driver (PHASE) \*<https://brightgreen.com/digital-driver>  
 DALI (DALI)  
 0-10V (010)

## Installation



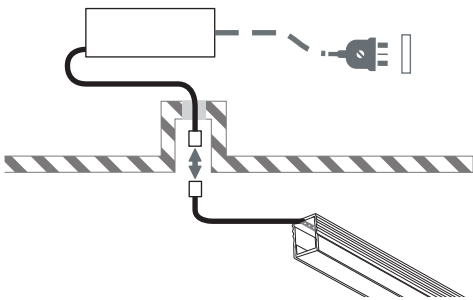
### Step 1

Mark out and cut a 9mm recess and 8mm wide x (Profile length), then drill a 5mm hole cut out to thread the cable through.



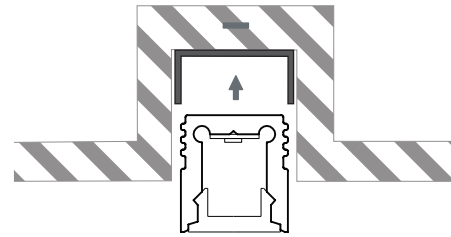
### Step 2

Attach the provided mounting clips to the top of the cavity with the provided screws



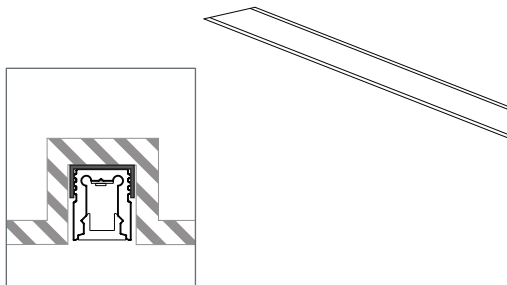
### Step 3

Remote mount and connect the driver to the mains power cable in line with Australian standards. Wire the low voltage luminaire cable to the driver and then the cable through the hole cutouts.



### Step 4

Snap the product into the mounting clips.



### Step 5

Installation complete.