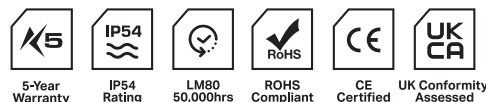


# Proteus U90 Mini

Linear LED



## Applications

- Cove
- Furniture

## Benefits

- Various colour temperatures available
- Multiple lengths available to suit
- Various lumen outputs
- Dimmable
- Colour rendering options
- Remote gear
- Homogenous appearance
- 5yr Warranty

## Features

- 10mm x 10mm slim corner profile
- 120 Leds per mtr
- 2200K - 2400K - 2700K - 3000K 4000K
- Surface mounted with clips
- 80 & 90 CRI
- IP54

## Technical Information

<b>Power (W/m)</b>	4.8	9.6
<b>Lumen Output (lm/m)</b> Based on 3000K 90CRI	400	800
<b>Efficacy (lm/W)</b>	83	83
<b>Input (V)</b>	24	
<b>CCT</b>	2200K • 2400K • 2700K • 3000K • 4000K	
<b>CRI</b>	>80 • >90	
<b>Binning</b>	3 Step MacAdam Elipse	
<b>Control</b>	Switched • 0-10V • DALI • Phase • DMX • Bluetooth Casambi	
<b>Beam angles</b>	120°	
<b>Lifetime (LM80)</b>	50,000hrs @25°C	
<b>Operating Temp</b>	-25°C to 55°C	
<b>IP Rating</b>	IP54	
<b>Diffuser</b>	Opal	
<b>Finish</b>	Black • Signal White • Grey • Anodised Aluminium • Custom RAL	
<b>Mounting</b>	Surface	
<b>Lengths</b>	50mm increments	

# Product Code

## PRO - U90M - 1 - 2 - 3 - 4 - 5

Create your product code by choosing your specification from the product areas.

Final example codes are shown to the right.

*Example Codes*

**PRO-U90M-9.6-827-O-54-XXXX**

**PRO-U90M-4.8-830-O-54-XXXX**

### 1 Power

9.6W	<b>9.6</b>
4.8W	<b>4.8</b>

### 2 CCT

	>80CRI	>90CRI		>80CRI	>90CRI
2200K	<b>822</b>	<b>N/A</b>	3000K	<b>830</b>	<b>930</b>
2400K	<b>824</b>	<b>924</b>	4000K	<b>840</b>	<b>940</b>
2700K	<b>827</b>	<b>927</b>			

### 3 Diffuser

Opal	<b>0</b>
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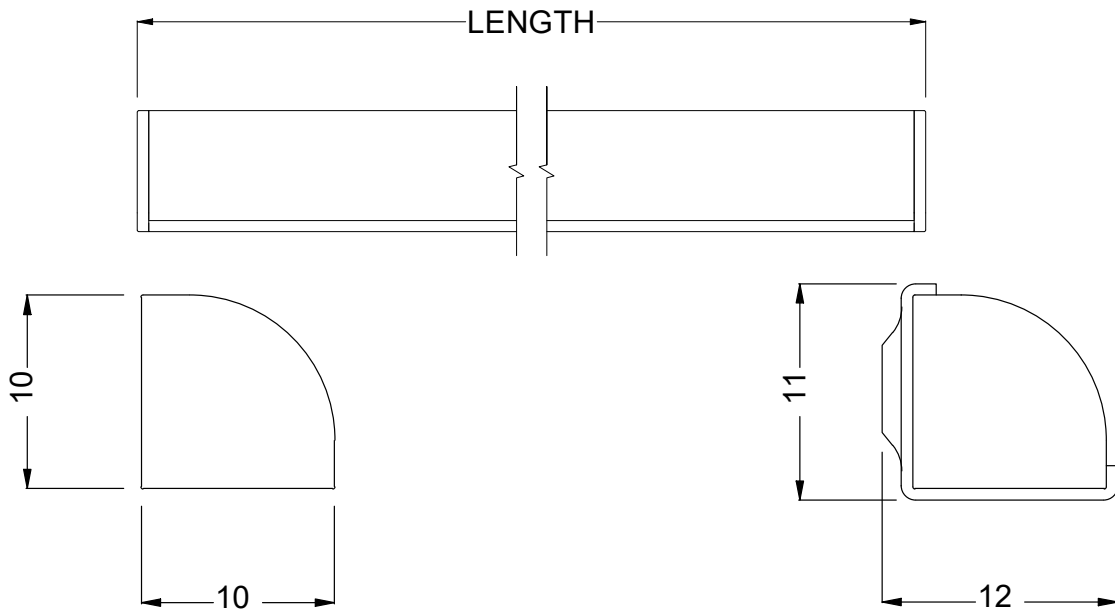
### 4 IP Rating

IP54	<b>54</b>
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### 5 Length

XXXXmm	<b>XXXX</b>
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## Specification Drawings



Fittings are provided with end cable entry as standard. Extension cable with female socket connector can be purchased separately with the below product code.

2 core IP54 5000mm Proteus female extension lead - **CA006**

Complies with EN60598-1 and pertinent regulations

Specifications are subject to change without prior notice. Please refer to our website for most up to date version.



**Contact our sales team for further assistance**

0113 263 9039

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[kempslighting.com](http://kempslighting.com)

## Product Lumen Data

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CCT	Watts	Lumens/Mtr	Lumens/Watt
80CRI - 2200K	4.8W	320	67
80CRI - 2400K		352	73
80CRI - 2700K		387	81
80CRI - 3000K		425	89
80CRI - 4000K		467	97
90CRI - 2400K		324	68
90CRI - 2700K		360	75
90CRI - 3000K		400	83
90CRI - 4000K		436	91
80CRI - 2200K		9.6W	631
80CRI - 2400K	702		73
80CRI - 2700K	780		81
80CRI - 3000K	866		90
80CRI - 4000K	963		100
90CRI - 2400K	648		68
90CRI - 2700K	720		75
90CRI - 3000K	800		83
90CRI - 4000K	876		91



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