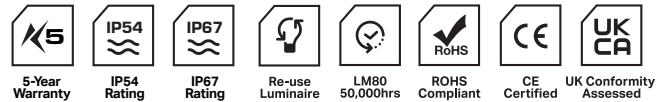


# Proteus I

Linear LED



## Applications

- General lighting
- Decorative

## Benefits

- Various colour temperatures available
- Various lumen outputs
- Colour rendering options
- Clear or Opal diffuser options
- Internal or external applications
- Multiple lengths from 74mm - 2977mm
- Dimmable
- Maintainable

## Features

- 2200K - 4000K
- 19W - 15W - 9W - 5W
- 80 & 90 CRI
- 120° Beam angle
- IP54 & IP67
- 50mm cut increments
- Switched - 0-10V - DALI - Phase - DMX - Bluetooth
- 5yr Warranty
- Re-use luminaire

## Technical Information

<b>Power (W/m)</b>	5	9	15	19
<b>Lumen Output (lm/m)</b> Based on 4000K Clear	715	1320	2100	2625
<b>Efficacy (lm/W)</b> Based on 4000K Clear	143	147	140	138
<b>Lumen Output (lm/m)</b> Based on 4000K Opal	454	838	1334	1666
<b>Efficacy (lm/W)</b> Based on 4000K Opal	91	93	89	88
<b>Input (V)</b>	24			
<b>CCT</b>	2200K • 2400K • 2700K • 3000K • 4000K			
<b>CRI</b>	>80 • >90			
<b>LED Chip</b>	Luxeon			
<b>Binning</b>	3 Step MacAdam Elipse			
<b>Control</b>	Switched • 0-10V • DALI • Phase • DMX • Bluetooth			
<b>Beam angle</b>	120°			
<b>Lifetime (LM80)</b>	50,000hrs @25°C			
<b>Operating Temp</b>	-25°C to 55°C			
<b>IP Rating</b>	IP54 • IP67			
<b>Diffuser</b>	Opal • Clear			
<b>Finish</b>	Jet Black • Signal White • Anodised Aluminium • Custom			
<b>Mounting</b>	Fixed or Suspended			
<b>Lengths</b>	74mm - 2977mm			

# Product Code

## PRO-I - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8

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

Final example codes are shown to the right.

Example Codes

**PRO-I-15-827-C-54-1E-F-9005-XXXX**  
**PRO-I-5-824-O-54-1R-S-9006-XXXX**

### 1 Power

19W	19
15W	15
9W	9
5W	5

### 2 CCT

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

### 3 Diffuser

Clear 120°	C
Opal	O

### 4 IP Rating

IP54	54
IP67**	67

### 5 Cable Entry

End Feed	1E
Rear Feed	1R

\*2200K & 2400K not available in in IP67

### 6 Brackets

Fixed	F
Suspended	S

### 7 Finish

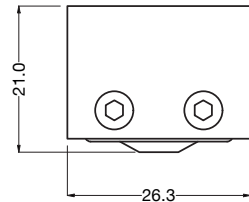
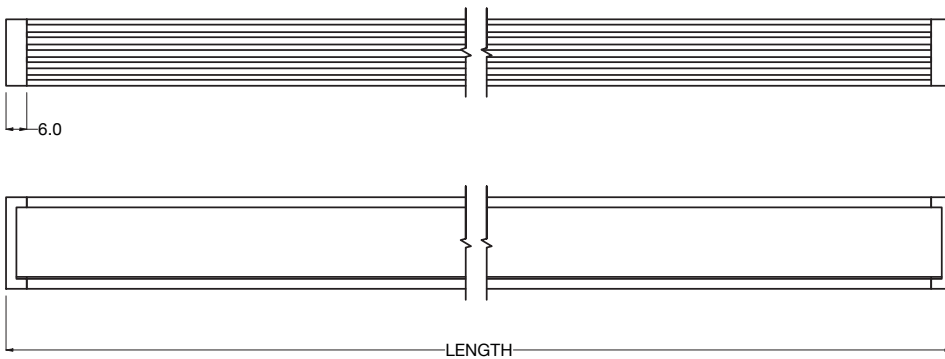
Jet Black	9005
Signal White	9003
Anodised Aluminium	9006
Custom	RAL#

### 8 Length

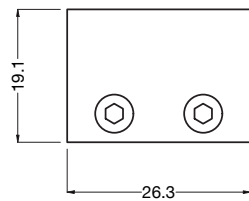
XXXXmm                      XXXX

\*\* Tolerances in CCT with IP67 products can occur due to manufacturing process

## Specification Drawings



PROFILE WITH FIXED BRACKET



PROFILE ONLY

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

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

2 core IP67 10000mm Proteus female extension lead - **CA040**

PRO-I-022

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

sales@kempslighting.com

kempslighting.com

## Product Lumen Data

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CCT	Watts	Clear/Optic Diffuser		Opal Diffuser	
		Lumens/Mtr	Lumen/Watt	Lumens/Mtr	Lumen/Watt
2200K - 80CRI	5	500	100	318	64
2400K - 80CRI		540	108	343	69
2400K - 90CRI		456	91	290	58
2700K - 80CRI		650	130	390	78
2700K - 90CRI		550	110	330	66
3000K - 80CRI		683	137	410	82
3000K - 90CRI		578	116	347	69
4000K - 80CRI		715	143	454	91
4000K - 90CRI		605	121	363	73
2200K - 80CRI		9	924	103	587
2400K - 80CRI	996		111	632	70
2400K - 90CRI	847		94	538	60
2700K - 80CRI	1200		133	762	85
2700K - 90CRI	1020		113	648	72
3000K - 80CRI	1260		140	800	89
3000K - 90CRI	1071		119	680	76
4000K - 80CRI	1320		147	838	93
4000K - 90CRI	1122		125	712	79
2200K - 80CRI	15		1460	97	927
2400K - 80CRI		1560	104	991	66
2400K - 90CRI		1411	94	896	60
2700K - 80CRI		1900	127	1207	80
2700K - 90CRI		1615	108	1026	68
3000K - 80CRI		2000	133	1270	85
3000K - 90CRI		1700	113	1079	72
4000K - 80CRI		2100	140	1334	89
4000K - 90CRI		1785	119	1133	76
2200K - 80CRI		19	1825	96	1159
2400K - 80CRI	1950		103	1238	65
2400K - 90CRI	1464		77	930	49
2700K - 80CRI	2375		125	1508	79
2700K - 90CRI	2014		106	1279	67
3000K - 80CRI	2500		132	1588	84
3000K - 90CRI	2120		112	1346	71
4000K - 80CRI	2625		138	1666	88
4000K - 90CRI	2226		117	1414	74



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[sales@kempslighting.com](mailto:sales@kempslighting.com)

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