



## Overview

Fortis is a sleek and robust IP67 linear LED fixture with a homogenous appearance which delivers approximately 1369 lumens per mtr. Available in a range of dimmable colour temperatures including Dynamic White, with a stunning RGBW, RGBA option also for total colour control. Fortis is made from extremely durable anodised Aluminium which makes this luminaire suitable for the harshest of environments and is available in lengths of up to 1941mm.

## Applications

- Facades • Under bench • Planters • Exterior

## Features

- IP67
- Available in 2200K - 2400K - 2700K - 3000K - 3500K - 4000K - 5000K - 5700K - Dynamic White - RGBW - RGBA
- 3 step MacAdam
- CRI 80>
- 72 Lumens per Watt (4000K)
- 160° Beam Angle
- LM80 lifetime
- 24V Constant Voltage
- Dimmable
- Robust Aluminium body for superior strength
- Adjustable or fixed brackets - various options
- 1941mm Maximum length

## Benefits

- Various lengths available up to 1941mm
- Suitable for exterior use in the harshest of environments
- Homogenous appearance (White)
- Various colour temperatures available
- Create stunning colour changing effects by DMX or DALI
- Excellent colour rendering
- Highest quality OSRAM LED technology for all Whites (ex 2200K, 2400K Luxeon)
- Highest quality Rohm & Luxeon 3535 LED technology for RGBW
- Excellent lumen maintenance over time
- Excellent Thermal Management
- Various fixing positions
- Remote or local drivers - IP67 available
- ROHS compliant

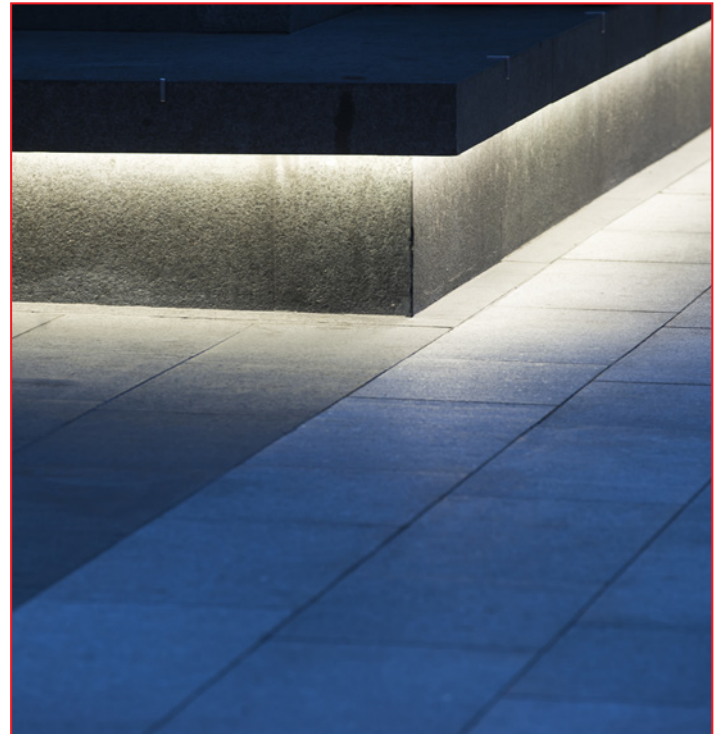
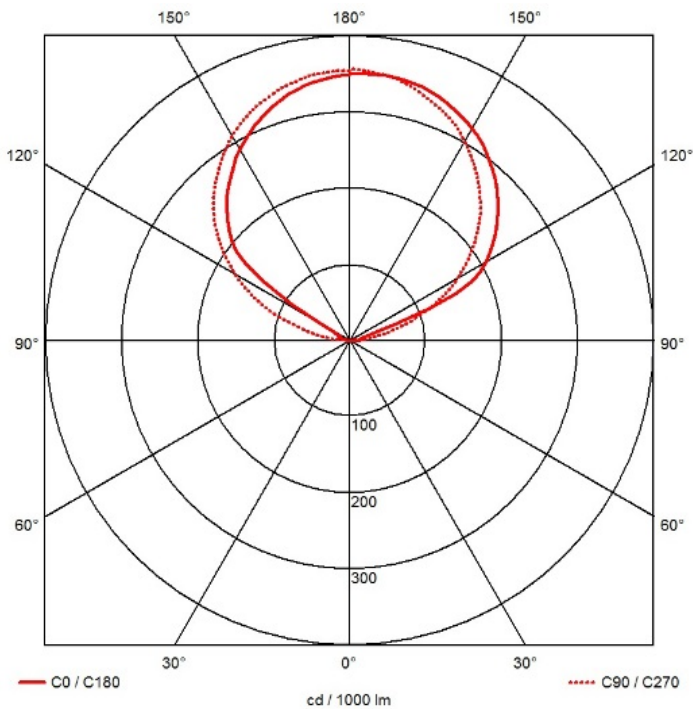
**FORTIS**

**Technical information**

**FORTIS**

Product Specification	FORTIS
Lumen Output (based on 4000k)	1369 - 876 - 480
Watts (per mtr)	17W - 11W - 7W - (RGBW & RGBA 19W)
Efficacy (Based on 4000K @17W)	72lm/W
Colours	2200K - 2400K - 2700K - 3000K - 3500K - 4000K - 5000K - 5700K - Dynamic White - RGBW - RGBA
CRI	80>
LED Chip	OSRAM Duris S2 (exc 2200K - 2400K) - Rohm RGB & Luxeon 3535 (RGBW only)
Binning	3 Step MacAdam
Dimming	0-10V - DALI - DMX - SWITCHED
Input Voltage	230V AC
Output Voltage	24V
Beam Angles	160°
Lifetime @ LM80	50,000hrs @ 25°C
Operating Temp	- 25°C to 75°C
IP Rating	IP67
Cover/Lens	Opal Polycarbonate
Finish	Silver Anodised Aluminium
Mounting	Fixed or Adjustable Brackets
Exterior Connection	IP68
Lengths	Max 1941mm

**Photometrics**



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

**FORTIS**



**Product Selector:**

**KL-FORTIS-24-17-D-F1**

**Colour**

2200K	22
2400K	24
2700K	27
3000K	30
3500K	35
4000K	40
5000K	50
5700K	57
*Dynamic White	DW
*RGBW	RGBW
RGBA	RGBA

**Watts**

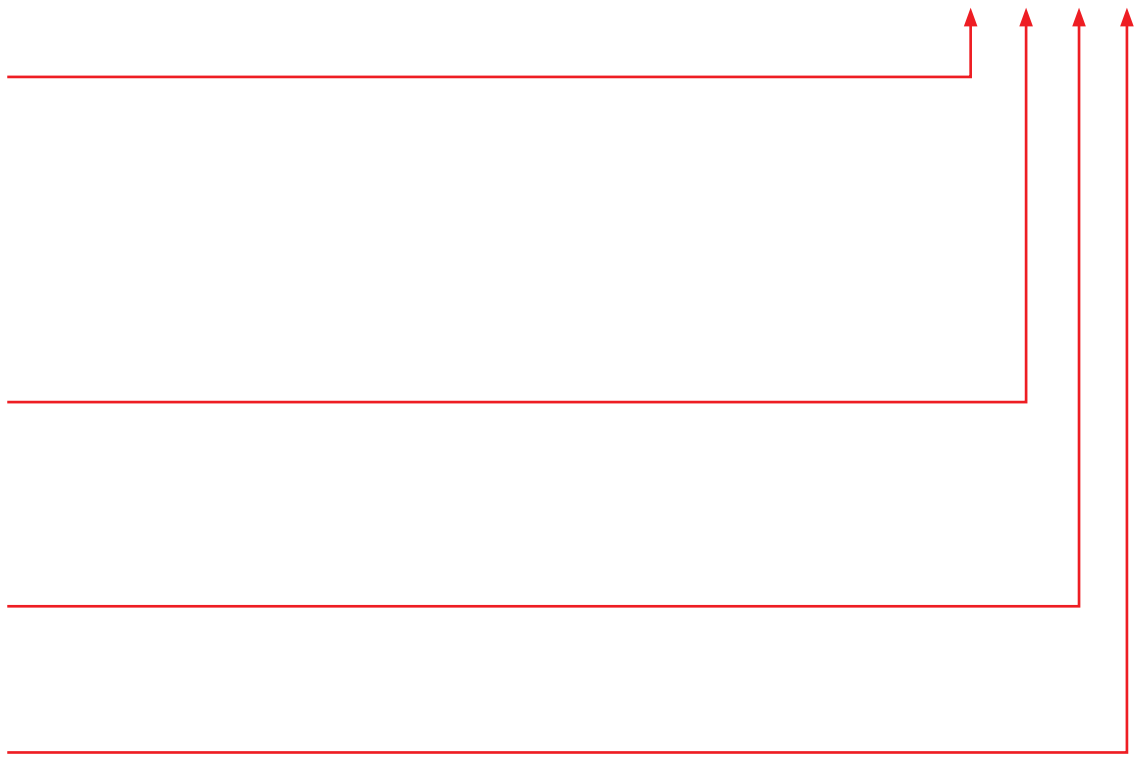
17W	17
11W	11
7W	7
19W (RGBW & RGBA)	19

**Dimming**

0-10V	0
DALI	D
DMX	X
Switched	S

**Brackets**

Fixed Flat	F1
Fixed 25mm	F2
Fixed 50mm	F3
Adjustable 44mm	A1
Adjustable 57mm	A2
Adjustable 77mm	A3



\*RGBW = 3000K used as a default

\*Dynamic White = 2700K & 5700K

Please contact our sales team on **+44(0)113 263 9039** for further assistance.

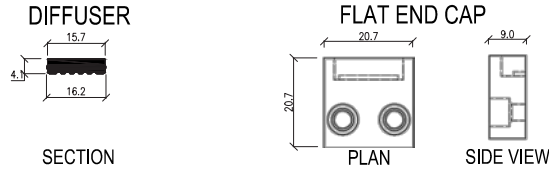


**FORTIS**

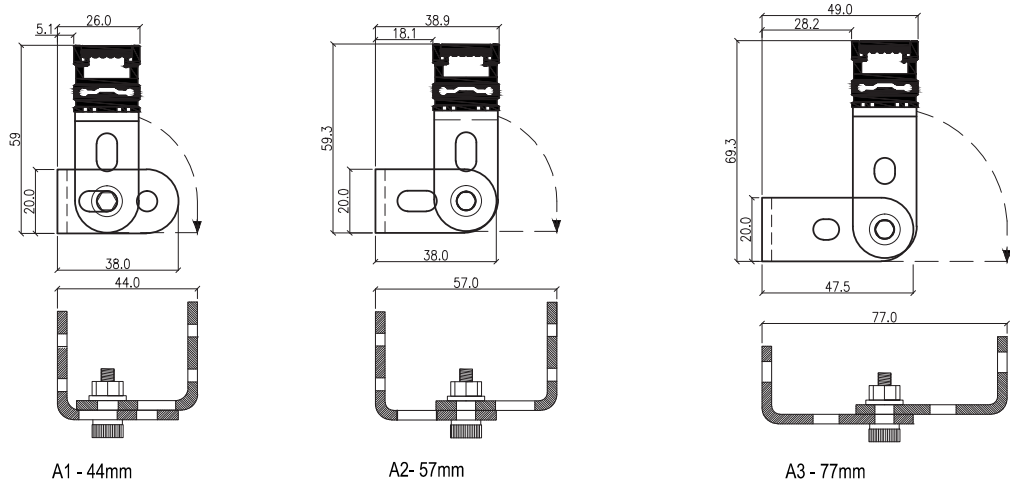


**Specification Drawing**

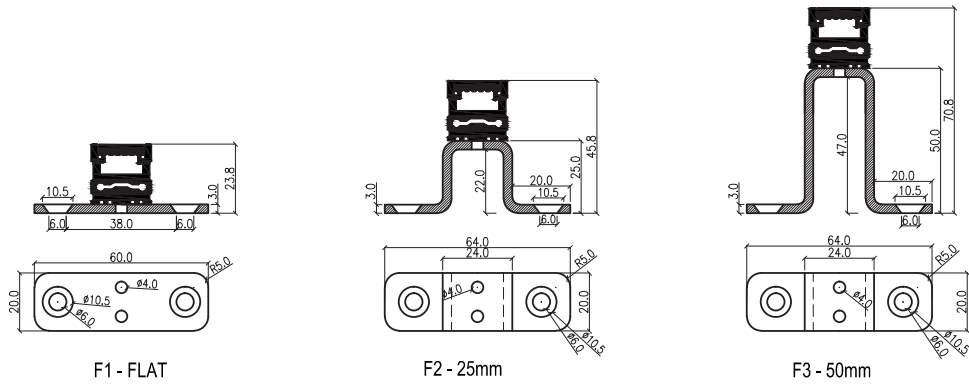
**FORTIS**



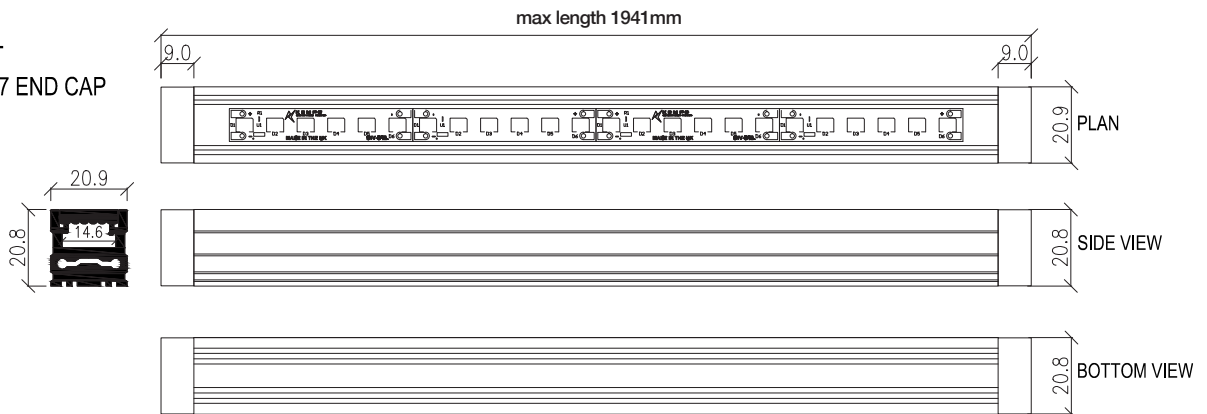
**MOUNTING HINGE**



**FLAT MOUNTING PLATE**



**FULL SET WITH IP67 END CAP**



**FORTIS**



**Available Lengths mm**

**FORTIS**

Single Colour & Dynamic White		RGBW/A	
Feed in	Feed in /out	Feed in	Feed in /out
78	88	195	205
128	138	362	372
178	188	529	539
228	238	697	707
278	288	864	874
328	338	1031	1041
378	388	1199	1209
428	438	1366	1376
478	488	1533	1543
528	538	1701	1711
579	589	1868	1878
629	639		
679	689		
729	739		
779	789		
829	839		
879	889		
929	939		
979	989		
1029	1039		
1080	1090		
1130	1140		
1180	1190		
1230	1240		
1280	1290		
1330	1340		
1380	1390		
1430	1440		
1480	1490		
1530	1540		
1581	1591		
1631	1641		
1681	1691		
1731	1741		
1781	1791		
1831	1841		
1881	1891		
1931	1941		

