



## Frameless Flair S12

IP65

IK08 (5J)

Linear

Class I

Recessed

Surface

TM65/66

Transport

Frameless Flair S12 is a linear luminaire specifically designed in accordance with fire precautions for subsurface rail stations (Section 12).

Standard Colours

Pure White

Matt Silver

### Product Information

Frameless Flair S12's uniform illumination ensures a consistent light distribution, enhancing visibility and reducing glare. Incorporating a removable gear tray ensures Flair is quick and easy to maintain, whilst enabling sustainable technology upgrades.

Frameless Flair S12 complies with London Underground subsurface standard S1085 utilising low smoke, zero halogen cables and control gear.

Applications include ticket areas, station forecourts, general circulation areas, covered platforms and subways.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using [TM66](#) and measure embodied carbon (kgCO<sub>2</sub>e) in accordance with [TM65.2](#).

**Impact Resistance Rating:** IK08 (5J). [What is IK Rating?](#)

**Ingress Protection Rating:** IP65. [What is IP Rating?](#)

**Housing:** Extruded aluminium body with die cast end caps.

**Paint:** Polyester powder coat. [All Colour Options Available Here.](#)

**Diffuser:** Toughened frosted glass diffuser secured with tamperproof screws.

**Driver:** Electronic control gear on removable tray for ease of repair/upgrade with fused plug & socket connector block.

**Mounting:** Ceiling.

**Cable Entry:** Provision for conduit entry in back.

**Design Life:** 30+ years. [What is Design Life?](#)

▪ **Technical Information**

FramelessFlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L1215mm</b>				
FFL-4-3400N-X-MS-ST	3428	37	93	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	9.3	CRI>80	-	L <sub>80</sub> B <sub>100</sub> >72,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	B	489	-
	<b>Dimensions</b>			
	1215mm x 150mm x 88mm			
FFL-4-4200N-X-MS-ST	4262	46.3	92	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	9.3	CRI>80	-	L <sub>80</sub> B <sub>100</sub> >72,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	B	489	-
	<b>Dimensions</b>			
	1215mm x 150mm x 88mm			
FFL-4-5000N-X-MS-ST	5092	56	91	4000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	9.3	CRI>80	-	L <sub>80</sub> B <sub>100</sub> >72,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	B	489	-
	<b>Dimensions</b>			
	1215mm x 150mm x 88mm			
FFL-4-3400W-X-MS-ST	3257	37	88	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	9.3	CRI>80	-	L <sub>80</sub> B <sub>100</sub> >72,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	464	-
	<b>Dimensions</b>			
	1215mm x 150mm x 88mm			
FFL-4-4200W-X-MS-ST	4049	46.3	87	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	9.3	CRI>80	-	L <sub>80</sub> B <sub>100</sub> >72,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/lm)</b>	<b>Nightlight Output (Lum/lm)</b>
	100,000	C	464	-
	<b>Dimensions</b>			
	1215mm x 150mm x 88mm			

FramelessFlairS12	Output (Lum/m)	Load (W)	Efficacy (lm/W)	CCT (K)
<b>L1215mm</b>				
FFL-4-5000W-X-MS-ST	4837	56	86	3000
	<b>Weight (kg)</b>	<b>CRI</b>	<b>High Temp (°C)</b>	<b>LED Lifetime</b>
	9.3	CRI>80	-	Life>72,000h
	<b>Driver lifetime (up to hours)</b>	<b>LED Energy Rating</b>	<b>Emergency Output (Lum/m)</b>	<b>Nightlight Output (Lum/m)</b>
	100,000	C	464	-
	<b>Dimensions</b>			
	1215mm x 150mm x 88mm			

## ■ Fitting Options

Conduit Hole in One End	-1H
Fully Recessed	-R
Conduit Hole in Both Ends	-2H
Maintained Emergency 3 Hour, Self Test	-ES
Maintained Emergency 3 Hour, DALI	-ED
Maintained Emergency 3 Hour	-E3
Pure White	-PW
Matt Silver	-MS
Switch Dimming	-DI
DALI-2 Dimming / Monitoring	-DA

- For paint colour options, please replace -MS with required paint code.
- -E3 / -ES / -ED options not available on all 615mm versions.
- -R Recessed includes 20mm flange all round. For recess cut-out add 10mm to width and length shown.
- If you would like to discuss a 615mm or 1515mm version, please contact Technical Sales on +44 (0)20 8254 2022 or email [technical@designplan.co.uk](mailto:technical@designplan.co.uk).

