



Flair S12

IP65

IK08 (5J)

Linear

Class I

Recessed

Surface

TM65/66

Transport

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

Standard Colours

Pure White

Matt Silver

Product Information

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

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 (kgCO₂e) 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 in frame 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

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L615mm Frosted				
FLR-2-1500N-F-MS-ST	957	15.5	62	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-2000N-F-MS-ST	1247	21	59	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-2500N-F-MS-ST	1523	26.7	57	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-3000N-F-MS-ST	1825	30.5	60	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-1500W-F-MS-ST	909	15.5	59	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L615mm Frosted				
FLR-2-2000W-F-MS-ST	1185	21	56	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-2500W-F-MS-ST	1447	26.7	54	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-3000W-F-MS-ST	1734	30.5	57	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	-	-
	Dimensions			
	150mm x 88mm			
L615mm Clear				
FLR-2-1500N-C-MS-ST	1064	11.5	93	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L80B10>72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-2000N-C-MS-ST	1421	15	95	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L80B10>72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	-	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L615mm Clear				
FLR-2-2500N-C-MS-ST	1779	18.7	95	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-3000N-C-MS-ST	2234	23.6	95	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-1500W-C-MS-ST	1011	11.5	88	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-2000W-C-MS-ST	1350	15	90	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			
FLR-2-2500W-C-MS-ST	1690	18.7	90	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L615mm Clear				
FLR-2-3000W-C-MS-ST	2122	23.6	90	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	4.8	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	-	-
	Dimensions			
	150mm x 88mm			
L1215mm Frosted				
FLR-4-3000N-F-MS-ST	1981	28.1	71	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	553	-
	Dimensions			
	150mm x 88mm			
FLR-4-4000N-F-MS-ST	2602	38.6	67	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	553	-
	Dimensions			
	150mm x 88mm			
FLR-4-5000N-F-MS-ST	3204	49.6	65	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	553	-
	Dimensions			
	150mm x 88mm			
FLR-4-6000N-F-MS-ST	3566	57.8	62	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₇₀ B ₁₀ >110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	553	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1215mm Frosted				
FLR-4-3000W-F-MS-ST	1882	28.1	67	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	525	-
	Dimensions			
	150mm x 88mm			
FLR-4-4000W-F-MS-ST	2472	38.6	64	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	525	-
	Dimensions			
	150mm x 88mm			
FLR-4-5000W-F-MS-ST	3044	49.6	61	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	525	-
	Dimensions			
	150mm x 88mm			
FLR-4-6000W-F-MS-ST	3388	57.8	59	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	525	-
	Dimensions			
	150mm x 88mm			
L1215mm Clear				
FLR-4-3000N-C-MS-ST	2153	20.2	107	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L80B10>72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	600	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1215mm Clear				
FLR-4-4000N-C-MS-ST	2888	27.2	106	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	600	-
	Dimensions			
	150mm x 88mm			
FLR-4-5000N-C-MS-ST	3692	34.8	106	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	600	-
	Dimensions			
	150mm x 88mm			
FLR-4-6000N-C-MS-ST	4778	45.6	105	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	600	-
	Dimensions			
	150mm x 88mm			
FLR-4-3000W-C-MS-ST	2045	20.2	101	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₇₀ B ₁₀ >100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	570	-
	Dimensions			
	150mm x 88mm			
FLR-4-4000W-C-MS-ST	2744	27.2	101	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L ₇₀ B ₁₀ >100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	570	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1215mm Clear				
FLR-4-5000W-C-MS-ST	3507	34.8	101	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	570	-
	Dimensions			
	150mm x 88mm			
FLR-4-6000W-C-MS-ST	4539	45.6	100	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	8.7	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	570	-
	Dimensions			
	150mm x 88mm			
L1515mm Frosted				
FLR-5-3750N-F-MS-ST	2655	33.8	78	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	526	-
	Dimensions			
	150mm x 88mm			
FLR-5-5000N-F-MS-ST	3541	47.3	75	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	526	-
	Dimensions			
	150mm x 88mm			
FLR-5-6250N-F-MS-ST	4318	61	71	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	526	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1515mm Frosted				
FLR-5-7500N-F-MS-ST	4795	70.6	68	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>110,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	526	-
	Dimensions			
	150mm x 88mm			
FLR-5-3750W-F-MS-ST	2522	33.8	75	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	499	-
	Dimensions			
	150mm x 88mm			
FLR-5-5000W-F-MS-ST	3364	47.3	71	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	499	-
	Dimensions			
	150mm x 88mm			
FLR-5-6250W-F-MS-ST	4102	61	67	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	499	-
	Dimensions			
	150mm x 88mm			
FLR-5-7500W-F-MS-ST	4555	70.6	65	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L70B10>100,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	D	499	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1515mm Clear				
FLR-5-3750N-C-MS-ST	3549	31.3	113	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	670	-
	Dimensions			
	150mm x 88mm			
FLR-5-5000N-C-MS-ST	4535	40.2	113	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	670	-
	Dimensions			
	150mm x 88mm			
FLR-5-6250N-C-MS-ST	5525	49.8	111	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	670	-
	Dimensions			
	150mm x 88mm			
FLR-5-7500N-C-MS-ST	6591	61.6	107	4000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	B	670	-
	Dimensions			
	150mm x 88mm			
FLR-5-3750W-C-MS-ST	3372	31.3	108	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	636	-
	Dimensions			
	150mm x 88mm			

FlairS12	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
L1515mm Clear				
FLR-5-5000W-C-M5-ST	4308	40.2	107	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	636	-
	Dimensions			
	150mm x 88mm			
FLR-5-6250W-C-M5-ST	5249	49.8	105	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	636	-
	Dimensions			
	150mm x 88mm			
FLR-5-7500W-C-M5-ST	6261	61.6	102	3000
	Weight (kg)	CRI	High Temp (°C)	LED Lifetime
	10.5	CRI>80	-	L ₈₀ B ₁₀ >72,000h
	Driver lifetime (up to hours)	LED Energy Rating	Emergency Output (Lum/lm)	Nightlight Output (Lum/lm)
	100,000	C	636	-
	Dimensions			
	150mm x 88mm			

■ Fitting Options

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

- 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.

