

F12-ER

indoor/outdoor LED fascia

12.5mm dot pitch model



stadiums

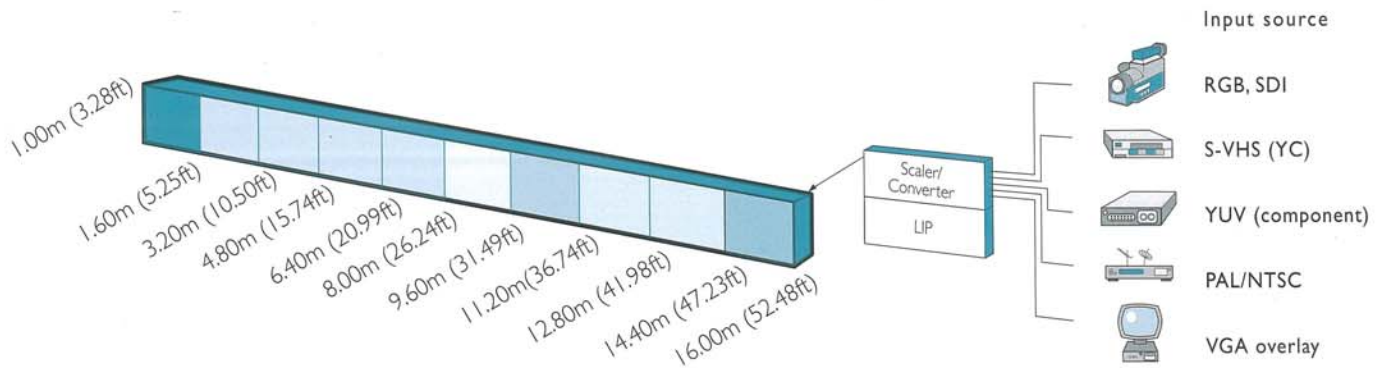
Based on Lighthouse's successful P12-ER platform, the F12-ER offers a unique solution for fascia applications. Wall mounted, the F-12ER can be serviced from above, eliminating the need for mobile platform access to maintain and service the display.

Featuring Lighthouse's award winning M4 colour and brightness EQ system, the F12-ER offers a market leading visual solution for wall mounted banner displays.

create impact

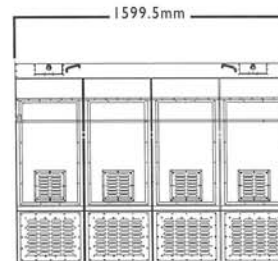
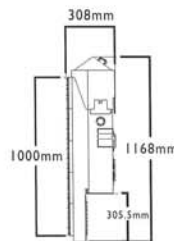
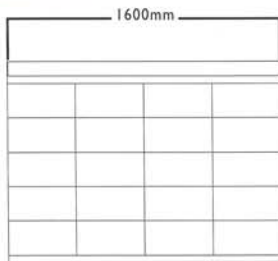
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configurations



quick reference guide

F12-ER



brightness	5000 nits
viewing angle horizontal	140° (50% brightness)
viewing angle vertical	40° (50% brightness)
dot pitch	12.5mm
pixel pitch	25.0mm
pixel density	1600 per m ²
pixel configuration	RGB 1,2,1
colours	4.4 trillion
processing depth	14 bit

data refresh rate (typical)	100,000 Hz
video frame rate	50/60 Hz
display input (via Scaler & LIP)	RGB HV, YUV, YC, SDI Composite, VGA overlay (HD-SDI Optional)
lifetime (50% brightness)	>50,000 hours
diagonal	1887mm (74.29")
operating temperature	-20 to 40°C
power consumption (typical)*	350 watts

Standard Specification						Panel		Average power consumption*		
F12-ER panel	Panel total	Size (m ²)	Size (ft ²)	Dimensions		Dot Resolution w x h	Total weight kg (lb)	Europe (240 volts) US (110 volts)		
				w x h (m)	w x h (ft)			Total (watts)	I Phase (amps)	I Phase (amps)
1 x 1	1	1.60	17.21	1.60 x 1.00	5.25 x 3.28	128 x 80	100 (220.5)	350	1.5	3.18
2 x 1	2	3.20	34.43	3.20 x 1.00	10.50 x 3.28	256 x 80	200 (441)	700	2.9	6.36
3 x 1	3	4.80	51.64	4.80 x 1.00	15.74 x 3.28	384 x 80	300 (661.5)	1050	4.4	9.55
4 x 1	4	6.40	68.85	6.40 x 1.00	20.99 x 3.28	512 x 80	400 (882)	1400	5.8	12.73
5 x 1	5	8.00	86.07	8.00 x 1.00	26.24 x 3.28	640 x 80	500 (1102.5)	1750	7.3	15.91
6 x 1	6	9.60	103.28	9.60 x 1.00	31.49 x 3.28	768 x 80	600 (1323)	2100	8.8	19.09
7 x 1	7	11.20	120.49	11.20 x 1.00	36.74 x 3.28	896 x 80	700 (1543.5)	2450	10.2	22.27
8 x 1	8	12.80	137.71	12.80 x 1.00	41.98 x 3.28	1024 x 80	800 (1764)	2800	11.7	25.45
9 x 1	9	14.40	154.92	14.40 x 1.00	47.23 x 3.28	1152 x 80	900 (1984.5)	3150	13.1	28.64
10 x 1	10	16.00	172.13	16.00 x 1.00	52.48 x 3.28	1280 x 80	1000 (2205)	3500	14.6	31.82

* Based on typical power consumption being 40% of maximum.
Alternative processing systems are available for large screen size.
Lighthouse reserves the right to change any specifications without notice.

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