

Jaguar System Frosted



The Jaguar System Frosted is a linear luminaire which can be supplied in continuous lengths of 70mm increments up to 3080mm. This product is part of the Jaguar System range and cannot be used independently.

The Jaguar Frosted luminaire is built in a modular system for ease of installation and maintenance. All the electronic gear and wiring is housed on a removable gear tray separate from the main body and retained by sprung metal clips.

Product

Jaguar System Frosted Linear (Direct)	JAG/SYS/D
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Diffuser Option

Opal	/F2
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Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K
Tunable White	/TW

Length*

574mm to 2954mm (*See table matrix)	/****
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Standard Colours*

Traffic White	RAL9016
Pure White	RAL9010
Jet Black	RAL9005
*Other colours available upon special request	

Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-TD
Casambi dimming	-CS

Mounting

Surface mounted as default	
Suspended - 2.0m suspension kit (adjustable)	-S

Sensor

PIR & Daylight	-S1
Smart Mesh, PIR & Daylight	-S2

Emergency

No emergency facility as default	
3 hour internal pack	-E1
3 hour internal pack with self-test function	-E2
3 hour integral pack with DALI reporting function	-E3

Standalone Length (mm)	Start/End Length (mm)	Middle Length (mm)	Lumen Outputs (lm) (Based on Frosted 175mA)	Wattage (W) (Based on Frosted 175mA)	Performance (lm/cW) (Based on Frosted 175mA)
574	567	560	930	7.30	127.47
644	637	630	1050	8.21	127.92
714	707	700	1160	9.12	127.19
784	777	770	1280	10.03	127.59
854	847	840	1390	10.94	127.01
924	917	910	1510	11.86	127.36
994	987	980	1620	12.77	126.88
1064	1057	1050	1740	13.68	127.19
1134	1127	1120	1850	14.59	126.78
1204	1197	1190	1970	15.50	127.06
1274	1267	1260	2090	16.42	127.31
1344	1337	1330	2200	17.33	126.96
1414	1407	1400	2320	18.24	127.19
1484	1477	1470	2430	19.15	126.88
1554	1547	1540	2550	20.06	127.09
1624	1617	1610	2660	20.98	126.81
1694	1687	1680	2780	21.89	127.01
1764	1757	1750	2890	22.80	126.75
1834	1827	1820	3010	23.71	126.94
1904	1897	1890	3130	24.62	127.11
1974	1967	1960	3240	25.54	126.88
2044	2037	2030	3360	26.45	127.04
2114	2107	2100	3470	27.36	126.83
2184	2177	2170	3590	28.27	126.98
2254	2247	2240	3700	29.18	126.78
2324	2317	2310	3820	30.10	126.93
2394	2387	2380	3940	31.01	127.06
2464	2457	2450	4050	31.92	126.88
2534	2527	2520	4170	32.83	127.01
2604	2597	2590	4280	33.74	126.84
2674	2667	2660	4400	34.66	126.96
2744	2737	2730	4510	35.57	126.80
2814	2807	2800	4630	36.48	126.92
2884	2877	2870	4740	37.39	126.77
2954	2947	2940	4860	38.30	126.88

Lighting Data

CCT	3000K 4000K 6500K
Light Source	SMD
SDCM	3
Longevity (L70/B10)	70,000 Hours
Colour Rendering (CRI)	80
UGR	<19.0

Technical Data

IP Rating	IP20
Construction	Aluminium Body Polycarbonate Diffuser
RAL colour (standard)	9016 9010 9005
Mounting Method	Surface 2m Suspension
Protective class	1
Warranty	5 Years
Certification	UKCA, CE, ROHS

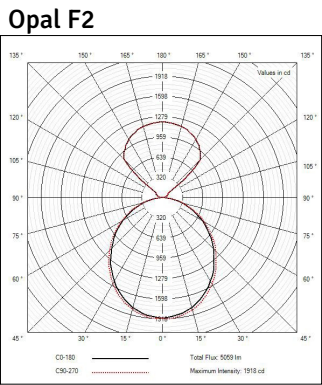
Electrical Data

Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF current ripple @ 2KHz (Flicker)	<4%
Overvoltage Protection	320 V
In-rush Current	20.9 A
THD	<10%
Power Factor	98%
Parasitic Load	1.25W
Operating Temperature	-25 +60 °C

Emergency Data

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	CE, ROHS

Standard Photometry



Dimensions

Fixing Centres	Adjustable -
Dimensions	50 x 75mm profile section
Weight	3.7 kg/m



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