

Raven



The Raven is a recessed version of our Jaguar suspended luminaire with 9mm trim. The luminaire can be supplied in continuous lengths of 70mm increments. Each continuous module is driven by its own driver and emergency pack (if applicable).

The Raven is supplied with the latest Philips Fortimo LED boards and programmable driver allowing the luminaire to have a tuneable lumen output range from 500 to 7000lm.

The Raven is available in a maximum single run length of 2958mm before multiple modules are used to create longer lengths.

Product

Standalone	RAV/0
Start	RAV/1
Middle	RAV/2
End	RAV/3
Corner	RAV/4
Cross	RAV/5

Diffuser Option

Opal	/F2
Prismatic	/P1

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	-CA

Mounting

Recessed mounted as default	
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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		Start/End		Middle		Lumen Outputs (lm) (Based on Prism 250mA)	Wattage (W) (Based on Prism 250mA)	Performance (lm/cW) (Based on Prism 250mA)
Length (mm)	Cutout (mm)	Length (mm)	Cutout (mm)	Length (mm)	Cutout (mm)			
586	55x577	573	55x568	560	55x560	970	7.30	132.95
656	55x647	643	55x638	630	55x630	1090	8.21	132.80
726	55x717	713	55x708	700	55x700	1210	9.12	132.68
796	55x787	783	55x778	770	55x770	1330	10.03	132.58
866	55x857	853	55x848	840	55x840	1450	10.94	132.49
936	55x927	923	55x918	910	55x910	1570	11.86	132.42
1006	55x997	993	55x988	980	55x980	1690	12.77	132.36
1076	55x1067	1063	55x1058	1050	55x1050	1810	13.68	132.31
1146	55x1137	1133	55x1128	1120	55x1120	1930	14.59	132.26
1216	55x1207	1203	55x1198	1190	55x1190	2050	15.50	132.22
1286	55x1277	1273	55x1268	1260	55x1260	2170	16.42	132.19
1356	55x1347	1343	55x1338	1330	55x1330	2290	17.33	132.16
1426	55x1417	1413	55x1408	1400	55x1400	2410	18.24	132.13
1496	55x1487	1483	55x1478	1470	55x1470	2530	19.15	132.10
1566	55x1557	1553	55x1548	1540	55x1540	2650	20.06	132.08
1636	55x1627	1623	55x1618	1610	55x1610	2770	20.98	132.06
1706	55x1697	1693	55x1688	1680	55x1680	2890	21.89	132.04
1776	55x1767	1763	55x1758	1750	55x1750	3007	22.80	131.89
1846	55x1837	1833	55x1828	1820	55x1820	3130	23.71	132.00
1916	55x1907	1903	55x1898	1890	55x1890	3250	24.62	131.99
1986	55x1977	1973	55x1968	1960	55x1960	3370	25.54	131.97
2056	55x2047	2043	55x2038	2030	55x2030	3490	26.45	131.96
2126	55x2117	2113	55x2108	2100	55x2100	3610	27.36	131.94
2196	55x2187	2183	55x2178	2170	55x2170	3730	28.27	131.93
2266	55x2257	2253	55x2248	2240	55x2240	3850	29.18	131.92
2336	55x2327	2323	255x318	2310	55x2310	3970	30.10	131.91
2406	55x2397	2393	55x2388	2380	55x2380	4090	31.01	131.90
2476	55x2467	2463	55x2458	2450	55x2450	4210	31.92	131.89
2546	55x2537	2533	55x2528	2520	55x2520	4340	32.83	132.19
2616	55x2607	2603	55x2598	2590	55x2590	4460	33.74	132.17
2686	55x2677	2673	55x2668	2660	55x2660	4580	34.66	132.16
2756	55x2747	2743	55x2738	2730	55x2730	4700	35.57	132.14
2826	55x2817	2813	55x2808	2800	55x2800	4820	36.48	132.13
2896	55x2887	2883	55x2878	2870	55x2870	4940	37.39	132.11
2966	55x2957	2953	55x2948	2940	55x2940	5060	38.30	132.10

Lighting Data

CCT	3000K 4000K
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	Ressed with ceiling clamps
Protective class	1
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

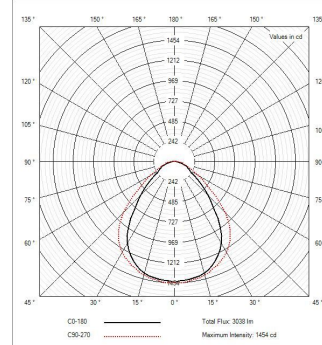
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF current ripple @ 2KHz (Flicker)	<4%
Overvoltage Protection	320 V
In-rush Current	20.9 A
THD	<10%
Power Factor	98%
Parasitic Load	1.25W
Operating Temperature	-25 +60 °C

Emergency Data

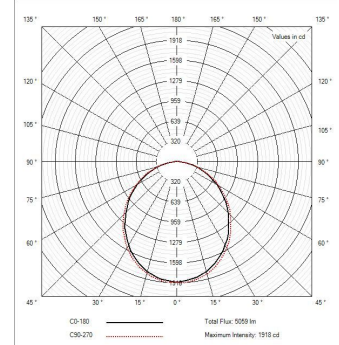
Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	CE, ROHS

Standard Photometry

Prism P1



Opal F2



Dimensions

Fixing Centres	Adjustable - Length of profile
Dimensions	50 x 75mm profile section 574 to 2814mm profile length
Weight	4.1 kg/m

