



LED PAR38

6PAR38/90W/UE/930/40D/D/G/ULW/E26/
T20/2P

MASTER, LEDspot, PAR38, 90 W, E26, 3000 K, 950 lm, 50000 hour(s), Glass

MASTER, LEDspot, PAR38, 90 W, E26, 3000 K, 950 lm, 50000 hour(s), Glass, 158 lm/W

Product data

General Information	
Cap-Base	E26
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDspot
Light Technical	
Color Code	930 [CCT of 3000K]
Beam Angle (Nom)	40 degree(s)
Luminous Flux	950 lm
Luminous Intensity (Nom)	1,600 cd
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	158 lm/W
Color Consistency	<4
Color rendering index (CRI)	90
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz

Input Frequency	50 to 60 Hz
Power Consumption	6 W
Lamp Current (Nom)	55 mA
Wattage Equivalent	90 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120 V
Temperature	
T-Case Maximum (Nom)	140 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Overall length	5-3/16 inch
Overall width	4-13/16 inch

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Overall height	5-3/16 inch
Dimensions (Height x Width x Depth)	131 x 121 x 131 mm
Bulb Shape	PAR38
UL Wet/ damp/ dry location	Wet location
Net Weight (Piece)	0.399 lb

Approval and Application

Suitable For Accent Lighting	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
T20 compliant	Yes
LED Innovations	UltraEfficient
Ambient temperature range	-40 to +113 °F

Application Conditions

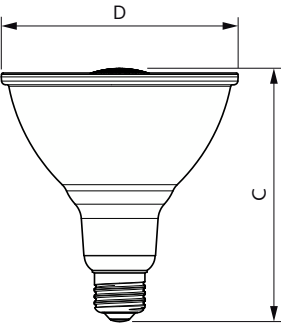
can it be used in closed luminaires	Yes
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Wireless Technology	Not applicable
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Product Data

Order product name	6PAR38/90W/UE/930/40D/D/G/ULW/E26/T20/2P
Full product name	6PAR38/90W/UE/930/40D/D/G/ULW/E26/T20/2P
Order code	606715
Material Nr. (12NC)	929003740803
Numerator - Quantity Per Pack	2
EAN/UPC - Product/Case	046677606718
Numerator - Packs per outer box	2
EAN/UPC - Case	50046677606966

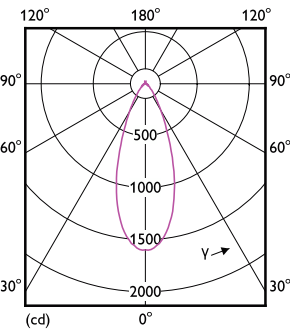
Dimensional drawing



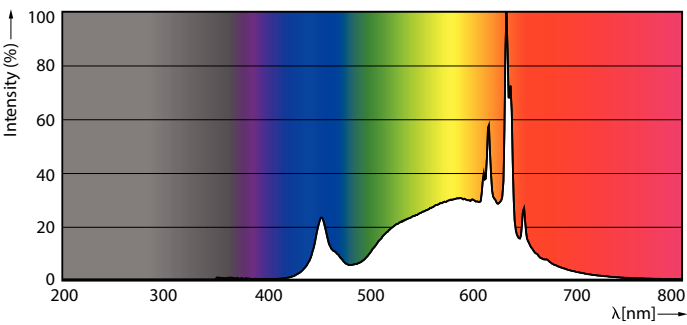
Product

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Photometric data



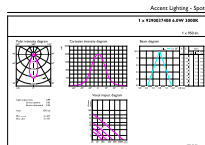
Light Distribution Diagram - 6PAR38/90W/UE/930/40D/D/G/ULW/E26/T20/2P



Spectral Power Distribution Colour - 6PAR38/90W/UE/930/40D/D/G/ULW/E26/T20/2P

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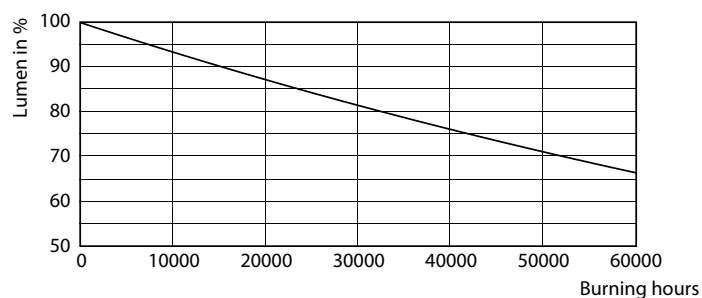
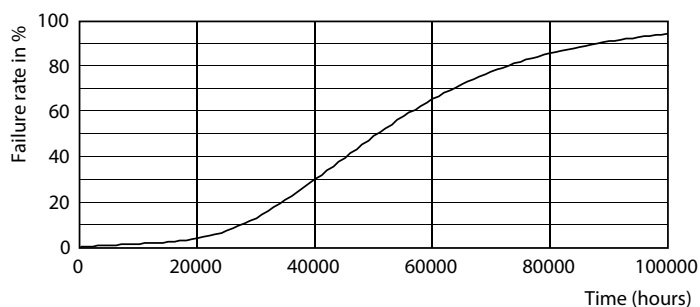
Photometric data



Experiment no.	Temperature, °C	Time, min	Yield, %
1	100	10	100
2	100	20	100
3	100	30	100
4	100	40	100
5	100	50	100
6	100	60	100
7	100	70	100
8	100	80	100
9	100	90	100
10	100	100	100
11	100	110	100
12	100	120	100
13	100	130	100
14	100	140	100
15	100	150	100
16	100	160	100
17	100	170	100
18	100	180	100
19	100	190	100
20	100	200	100
21	100	210	100
22	100	220	100
23	100	230	100
24	100	240	100
25	100	250	100
26	100	260	100
27	100	270	100
28	100	280	100
29	100	290	100
30	100	300	100
31	100	310	100
32	100	320	100
33	100	330	100
34	100	340	100
35	100	350	100
36	100	360	100
37	100	370	100
38	100	380	100
39	100	390	100
40	100	400	100
41	100	410	100
42	100	420	100
43	100	430	100
44	100	440	100
45	100	450	100
46	100	460	100
47	100	470	100
48	100	480	100
49	100	490	100
50	100	500	100
51	100	510	100
52	100	520	100
53	100	530	100
54	100	540	100
55	100	550	100
56	100	560	100
57	100	570	100
58	100	580	100
59	100	590	100
60	100	600	100
61	100	610	100
62	100	620	100
63	100	630	100
64	100	640	100
65	100	650	100
66	100	660	100
67	100	670	100
68	100	680	100
69	100	690	100
70	100	700	100
71	100	710	100
72	100	720	100
73	100	730	100
74	100	740	100
75	100	750	100
76	100	760	100
77	100	770	100
78	100	780	100
79	100	790	100
80	100	800	100
81	100	810	100
82	100	820	100
83	100	830	100
84	100	840	100
85	100	850	100
86	100	860	100
87	100	870	100
88	100	880	100
89	100	890	100
90	100	900	100
91	100	910	100
92	100	920	100
93	100	930	100
94	100	940	100
95	100	950	100
96	100	960	100
97	100		

Accent Lighting Spots - 6PAR38/90W/UE/930/40D/D/G/ULW/E26/T20/2P

Lifetime



Life Expectancy Diagram

**Lumen Maintenance Diagram - 6PAR38/90W/UE/930/40D/D/G/ULW/E26/
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