



LIGHTING & ELECTRONICS, INC.

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8540

PAR 38 150W

Height (Top to Bottom) 7-1/4"
Width (Side to Side) 8"
Length (Front to Back) 7-1/4"
Weight 3 lbs 12 oz
Color Frame Size 6" x 6"



PHOTOMETRICS:

To find light output in footcandles (fc) at any distance:

$$CBCP / (\text{throw distance})^2 = fc$$

To find any field diameter at any distance:

$$\text{throw distance} \times mf = dia.$$

Lamp	CBCP	°K	Hrs	Lumens	Field (10% CBCP)	
					Angle	mf
Q45PAR38/SP	7,000	2750	2500	510	10°	0.18
Q45PAR38/FL	1,800	2750	2500	510	25°	0.44
Q50PAR38/SP	6,000	2800	2500	570	10°	0.18
Q50PAR38/FL	1,500	2800	2500	570	25°	0.44
Q60PAR38/SP	18,000	2800	3000	880	10°	0.18
Q60PAR38/WSP	13,500	2800	3000	880	12°	0.21
Q60PAR38/FL	3,600	2800	3000	880	28°	0.50
Q60PAR38/WFL	1,000	2800	3000	880	60°	1.15
Q75PAR38/SP	22,000	2850	2500	1050	10°	0.18
Q75PAR38/FL	4,800	2850	2500	1050	28°	0.50
Q90PAR38/SP	14,500	2870	2500	1280	12°	0.21
Q90PAR38/FL	4,500	2870	2500	1280	28°	0.50
Q90PAR38/WFL	1,300	2870	2500	1280	60°	1.15
150PAR38/SP	11,000	2650	2000	1700	30°	0.54
150PAR38/FL	3,600	2650	2000	1700	60°	1.15

SPECIFICATION:

The luminaire shall be a UL/C-UL Listed 150 watt max lamp holder provided with a medium screw socket for PAR38 lamps. The housing shall be constructed of 20 gauge steel with front lamp access for easy replacement. Pop rivets shall not be used in the construction of this luminaire. The unit shall be equipped with a standard color frame holder and a side handle for easy adjustment. Ventilation shall be designed to minimize light leaks while delivering maximum air flow.

The fixture shall be supplied with a color frame, rigid strap yoke, and a six foot power supply cord rated for hard usage with an integral plug (NEMA 5-15). Optional barn doors, top hats, mounting clamps, and canopies with mounting hardware shall be available. The yoke shall be configured to accept track adapters (provided by others). The fixture shall be rated for 120/208-240 volts. The unit shall be rated for dry and damp locations. All painted surfaces shall be baked enamel. Custom colors are available.