



LIGHTING & ELECTRONICS, INC.

Market Street Industrial Park
Wappingers Falls, NY 12590
845-297-1244 FAX 845-297-9270
info@le-us.com http://www.le-us.com

6536PB

PowerBorder™
Combination
BR40/PAR38
**Borderlight/
Connector**
Strip
150w

Height (*Top to Bottom*)
Excluding Junction Box 11-9/16"
Including Junction Box 17-1/16"
Width (*Side to Side*) 7"
Length (*End to End*) per application
Weight 10 lbs / ft typical
Color Frame Size 5-3/4" x 5-3/4"



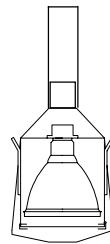
PHOTOMETRICS:

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
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
120BR40/SP	4,600	2650	2000	1250	20°	0.35
120BR40/FL	1,000	2650	2000	1250	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 unit shall be a UL/C-UL Listed combination luminaire and connector strip. The luminaire portion shall a 2400 watt max per circuit, compartmented borderlight with medium screw sockets on 6" centers, to accept 150 watt max BR40, BR30 and PAR38 lamps. The lamp enclosure shall be constructed of all welded code gauge steel with cast aluminum end plates, and shall be equipped with color frame holders with a spring-hinged retaining clip to prevent accidental removal. Relamping shall be accomplished from the bottom of the unit by unscrewing the lamp from the socket. Relamping is completed without disturbing prefocused alignment.

The connector strip portion shall be a separate wireway constructed of code gauge steel fitted directly to the top portion of the lamp housing. Except for the terminal compartment, all connector strip conductors shall be electrically isolated from the conductors supplying power to the luminaire. Receptacles shall be flush mounted, attached to 18" 12/3 SO pigtailed (drop cords), or both. Pigtails shall be supported by metal strain reliefs, and all receptacles shall be spaced and numbered according to the job requirements. Internal wiring shall be rated for 200°C minimum and limited to a maximum of 12 circuits and 48 receptacles.

The complete unit shall have a terminal compartment containing barrier type terminals. The proper number of terminals shall be provided to allow the installation of separate hot and neutral conductors for each electrical circuit. Terminal blocks shall be double row design, having two screws per terminal, one for the line side conductor and one for the load side conductor. Separate lugs shall be provided for terminating any grounding conductor. The terminal compartment shall be a top mounted code gauge steel junction box of welded construction with a removable access cover.

The unit shall be supplied with combo color frames and hanging hardware (brackets, chain and S-hooks). All painted surfaces shall be baked enamel.