EYELITE®
from EYE Lighting

BWP Series
LED Traditional Wallpack

Project:

Type:

Catalog #:

Prepared by:

Date:

Notes:

Applications Include
Exterior Surfaces, Building Access/Entrances, Walkways, Building Edge Parking, Building Perimeter, and Security Lighting

Specification Features

The LED BWP Series delivers even powerful illumination about 1/3 of energy consumption of the conventional technology. Now available as 56W, 93W and 120W LED models, the traditional housing is distinguished by its heat and impact resistant prismatic glass lens. These models are suited for replacing the pre-existing footprint of the familiar wallpacks installed on exterior perimeters of numerous commercial and industrial buildings, replacing 150W-400W metal halide units.

An optional button photo control allows for additional automatic energy savings for dusk to dawn operation. A vandal resistant wire guard and visor are also available accessories.

Construction
The rugged die cast aluminum housing matches the current footprint of the popular and familiar borosilicate glass wallpack design. This family of three complimentary housing sizes offers an attractive appearance and satisfies the thermal management demands required for the highly efficient Optional accessories such as wire guards and visors complement the sturdy form.

Mounting
The BWP Traditional wallpack design allows the wall-mounted area light to be easily installed and positioned on exterior surfaces and is compatible with most standard junction box connections.

Optics
This familiar prismatic borosilicate glass lens distributes powerful even light in a wide distribution type pattern, suitable for illuminating an expansive area at a fraction of energy use when compared to traditional technology.

Electrical
The electronic driver accepts 120 to 277V, at /60hz AC supply without any variation in light output. The option for 347/480V models are available with integration of step down transformers. Ambient operating temperature range from -20°C to +40°C, including wet locations. A supply cord is connected through casting to facilitate wiring to a junction box or other source.

Finish
A durable polyester powdercoat is then electrostatically applied to a 2 to 3 mil thickness to ensure a coating with protection against impact, UV and salt spray exposure.

Warranty
5 Year Limited LED Luminaire Warranty to the original purchaser that the luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LEDs when installed and operated according to manufacturer's instructions. See EYE Lighting's full Warranty and Terms & Condition of Sale at www.eyelighting.com.

Listings and Ratings
UL wet location listed. The wallpacks are tested to IESNA LM-79-08 standards at 25° C ambient. IES files are available at www.eyelighting.com.

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Order Guide

SAMPLE NUMBER : BWP-L8-740-W-UNV-N-DB-V

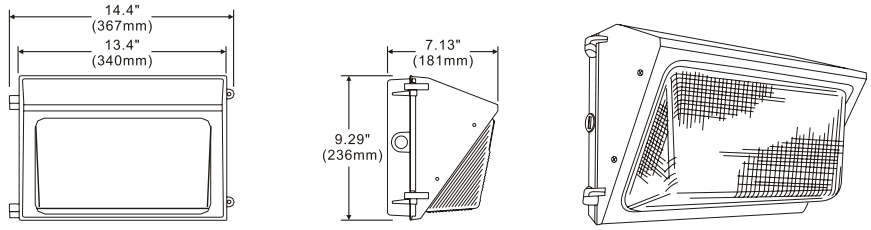
FAMILY	LUMENS	CRI	CCT	DISTRIBUTION	VOLTAGE	DIMMING	FINISH	PHOTOCELL	OPTIONS
BWP		7		W			DB		
BWP	**L5** = 5,500 LM @ 56W **L8** = 9,700 LM @ 93W **L15** = 15,700 LM @ 120W	**7** = 70	**40** = 4000K **50** = 5000K	**W** = Wide	**UNV** = 120-277V **UNH** = 347/480V	**N** = Non Dimming **D** = 0-10VDim*	**DB** = Dark Bronze	**B** = Button PC 120 **- 277V+** **V** = No PC	**S** = Surge Protector

* Not available for L5 - 56W model.

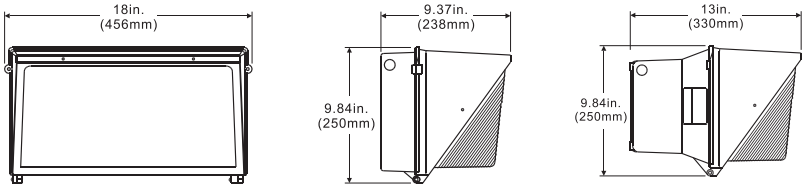
+ Field Installed Accessory (BPC-EK4036S)

Dimensions

BWP 56W



BWP 93W and 120W



93W **120W**

Accessories (Field Installed)

Contact factory for details.

BWP-WG-A
Wire Guard Small

BWP-WG-B
Wire Guard Large

BWP-VIS-A
Visor Guard Small

BWP-VIS-B
Visor Guard Large

Weight (56W) 13.73 lbs. (6.23 kg)
Weight (93W & 120W) 21.61 lbs. (9.8 kg)

Performance Data

Wattage Summary

Model	LED COB	Drive Current	Average Lumens	CCT	CRI	Lumen Maintenance (L70 At 25°C)
56W	2	700mA	5500	4000K	70	>100,000
93W	3	700mA	9700	4000K	70	>50,000
120W	4	975mA	15700	4000K	70	>50,000

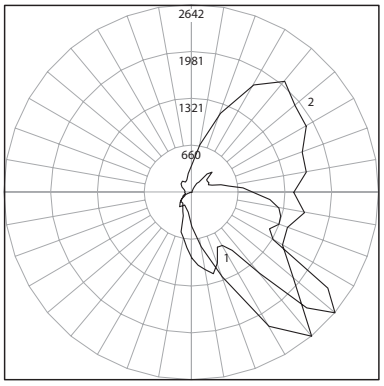
Ambient Data

Ambient Temperature	Lumen Multiplier
15°C	1.02
25°C	1.00
40°C	0.98

Photometric Data

BWP-L5-740-W-UNV-N-XX

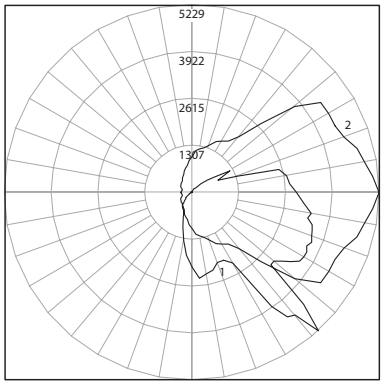
System Wattage = 56 **Lumens** = 5500
Color Temperature = 4000 **Distribution** = Wide



Maximum Candela = 2641.92 **Located at Angle** = 50 (v), 310 (h)
1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (50) (Through Max. Cd.)

BWP-L8-740-W-UNV-N-XX

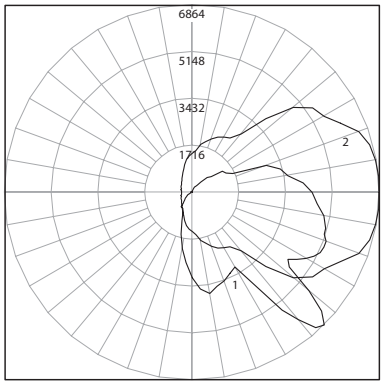
System Wattage = 93 **Lumens** = 9700
Color Temperature = 4000 **Distribution** = Wide



Maximum Candela = 5229 **Located at Angle** = 42.5 (v), 0 (h)
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (42.5) (Through Max. Cd.)

BWP-L15-740-W-UNV-N-XX

System Wattage = 120 **Lumens** = 15700
Color Temperature = 4000 **Distribution** = Wide



Maximum Candela = 6864 **Located at Angle** = 45 (v), 0 (h)
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

- Results may vary from test due to power, ambient conditions and individual component performance variations.
- Data is provided to estimate typical performance.
- Engineering estimates and data are based on initial absolute lumens.
- Lumen output may vary 10% due to LED manufacturer flux specification.
- Predicted performance calculated from LED manufacturer data and engineering estimates based on test methodologies of IESNA LM-80, LM-79 and TM-21.
- L70 Hours is the predicted time when LED performance depreciates to 70% of initial lumen output.
- EYE Lighting reserves the right to change materials or modify the design of its product without notification.
- Consult factory for lead time and availability.
- Other modes of failure could occur after the 60,000 hour period
- Reference photometric data sheet for lumen levels based on color temperature and distribution type

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