FORTE™
LED Wall Pack

Beyond LED's FORTE wall pack is the newest, most innovative and feature rich product of 2023. It offers 4 Adjustable wattages and 3 Adjustable CCT with energy-efficient LED technology. FORTE comes with Built-in photocell. FORTE luminaires comes with die cast aluminum housing and glass lens to stand up for many years of punishing environmental conditions.

Product Features

- Up to 130 Lumens per watt
- 4 Adjustable Wattages 30W/60W/90W/120W
- 3 Adjustable CCT 3K / 4K / 5K
- High efficiency Lumileds 2835
- IP65 Rated

- Input voltage 120-277VAC
- 0-10V Dimmable
- Glass Diffuser
- Built-in Photocell
- UL & DLC Listed
- 5 Year warranty

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SKU #	Model #	Wattage Adjustable	Lumens	CCT Adj.	IP	Housing	Input Voltage	Certifications
156703	WP09-120L-CSP-3CCT	30W/60W/90W 120W	Max 15600Lm	3K/4K/5K	IP65	Bronze	120-277V	UL & DLC

SKU: 156703 — Specifications

Parameter	Description	Value
General Performance	Model #	WP09-120L-CSP-3CCT
	Wattage Adjustable	30W / 60W / 90W / 120W
	Lumen	15600LM
	Lumen Efficacy	Up to 130LM/W
	Color Temperature	3000K / 4000K / 5000K
	CRI (Ra)	>80
	Beam Angle	102° Degree
	Diffuser Type	Glass Lens
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V
	Power Factor	≥0.95
	Driver Surge Protection	L-N: 2KV, L/N-PE: 4KV
	Driver Brand	BQ
	Driver Model	BQE120A-130
	Flicker Percent	≤30%
Physical	Operating Temperature	-30°C To 45°C
	Operating Humidity	5%RH To 95%RH
	Storage Temperature	-40°C To 80°C
	Storage Humidity	5%RH To 95%RH
	LED Brand	LUMILEDS
	LED Type	SMD2835
	LED QTY	392 PCS
	IP Rating	IP65
Qualification	Housing	Die-cast Aluminum
	Housing Color	Bronze
	Warranty	5 Year

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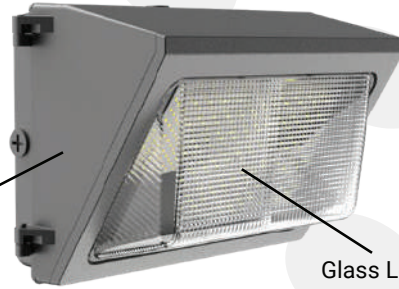## LED Wall Pack

Product Features

Screw-in
Photocell Sensor Optional

Integrated Photocell
Sensor Optional

DIP Switch - 3 CCT & 4 Wattages Adjustable
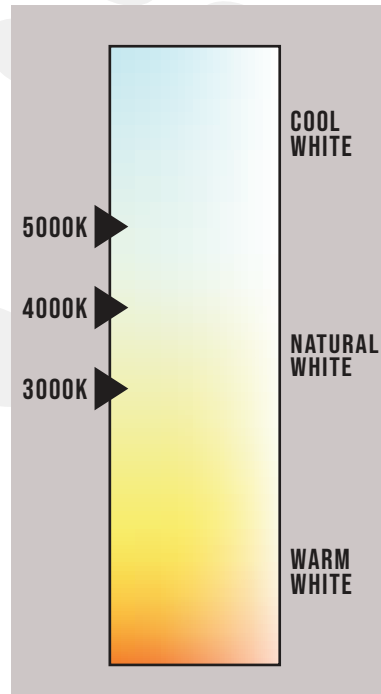(3000K/4000K/5000K Adjustable)

Glass Lens

Screw-in Microwave
Motion Sensor Optional

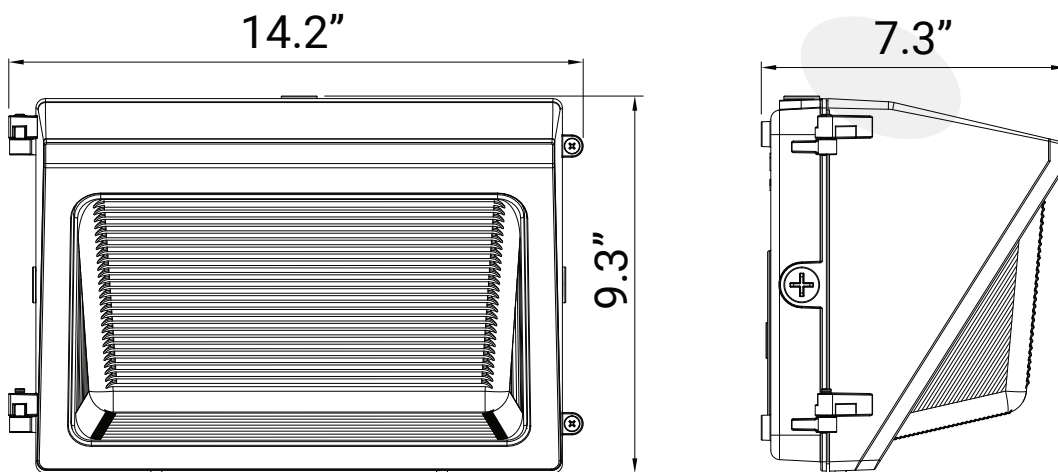**(866) 786-1117 • www.BeyondLEDTechnology.com**
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Correlated Color Temperature (CCT)

COOL WHITE

5000K

4000K

NATURAL WHITE

3000K

WARM WHITE

Dimension

14.2"

9.3"

7.3"

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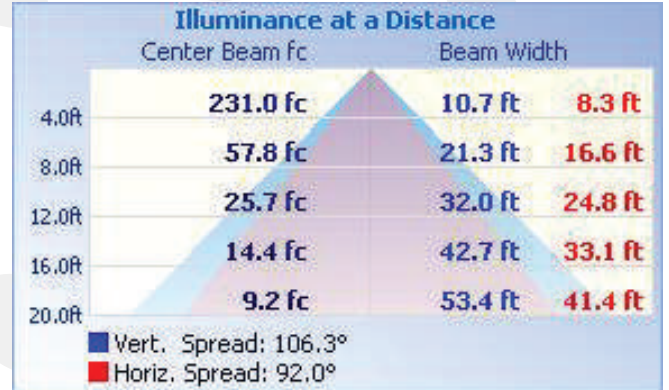
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Photometric Data

Polar Candela Distribution

Vertical scale (CD): 6.900, 5.750, 4.600, 3,450, 2.300, 1,150, CD: 0, 1.150, 2,300, 3,450, 4,600, 5,750, 6.900

Angles: 180° 170° 160° 150° 140° 130° 120° 110° 100° 90° 80° 70° 60° 50° 40°

VA: 0° 10° 20° 30° 40°

- ■ - 0° H
- ■ - 90° H
- ■ - 22.5° H
- ■ - 45° H
- ■ - 67.5° H

Illuminance at a Distance

	Center Beam fc	Beam Width	
4.0ft	231.0 fc	10.7 ft	8.3 ft
8.0ft	57.8 fc	21.3 ft	16.6 ft
12.0ft	25.7 fc	32.0 ft	24.8 ft
16.0ft	14.4 fc	42.7 ft	33.1 ft
20.0ft	9.2 fc	53.4 ft	41.4 ft

- ■ Vert. Spread: 106.3°
- ■ Horiz. Spread: 92.0°

Isofootcandle Plot

House Side — scale 5 4 3 2 1 0 1 2 3 4 5

Vertical scale: 6 5 4 3 2 1 0 1 2 3 4 5 6

Type I
Type II
Type III
Type IV

Street Side

Very Short, Short, Medium, Long

- ■ 20 fc
- ■ 10 fc
- ■ 5 fc
- ■ 2.5 fc
- ■ 1 fc
- ■ 0.5 fc
- ■ 0.2 fc
- ■ 0.1 fc
- ■ 50% Max Cd

Total LLF: 0.69

Distance in units of mount height (20ft)

- - - - Max Cd

IsoCandela Plot

Angles: -80° -60° -40° -20° 0° 20° 40° 60° 80°

Vertical: 80° 60° 40° 20° 0° -20° -40° -60° -80°

- ■ Cd: 6,109, 90%
- ■ Cd: 5,090, 75%
- ■ Cd: 4,072, 60%
- ■ Cd: 3,394, 50%
- ■ Cd: 2,715, 40%
- ■ Cd: 2,036, 30%
- ■ Cd: 1,357, 20%
- ■ Cd: 679, 10%

- - - - Point of Max Cd: 6,804.8

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IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. To reduce the risk of electrical shock, turn off the power supply before installation or servicing.
2. This luminaire must be installed in accordance with the NEC or your requirements, consult a qualified electrician.
3. If NEMA photo control is installed refer to NEMA receptacle section For instructions.
4. Verify the availability of necessary tools and incidental material.
5. The fixture is not allowed to disassemble the structure or components.

TO INSTALL

Screws

Rear cover

1

Auxiliary mounting holes

Supply wire

Rear cover

2
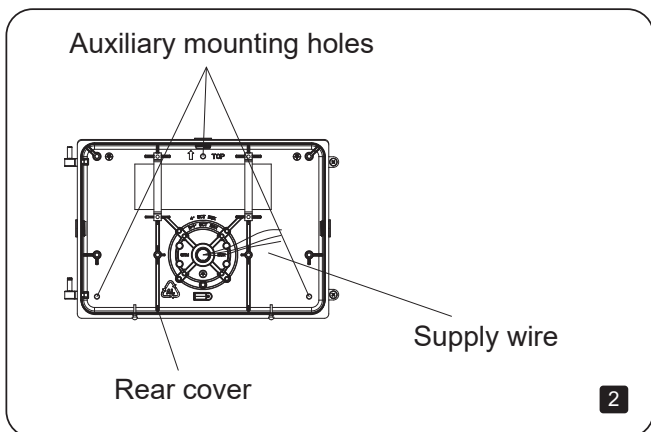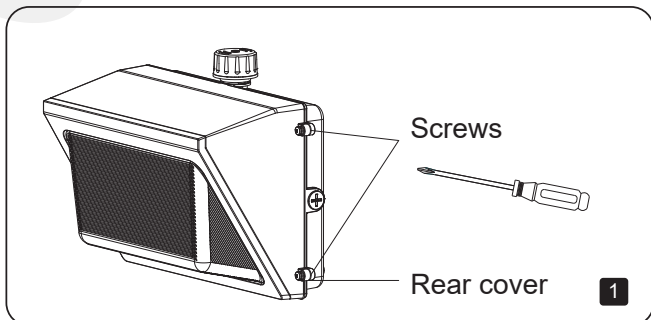
LUMINAIRE INSTALLATION

STEP 1(Figure 1):
Remove two screws, remove the rear cover of the luminaire and pull the connector.

STEP 2-1(Onto a recessed 4" rectangular/octagonal J-Box) (Figure 2):
1. Verify that supply power is off and that the J-Box is securely mounted within the structural surface.
2. Remove both J-Box fasteners from j-box (set aside for re-installation as needed)
3. Drill holes as J-Box required on the rear cover.
4. Position rear cover over J-Box feeding supply wires through the center of the Rear cover and slit in gasket. Replace fasteners from step 2 (do not fully tighten).
5. Using a contractor level, ensure Rear cover is level and fully tighten fasteners (Use washers as required to ensure a secure fit).
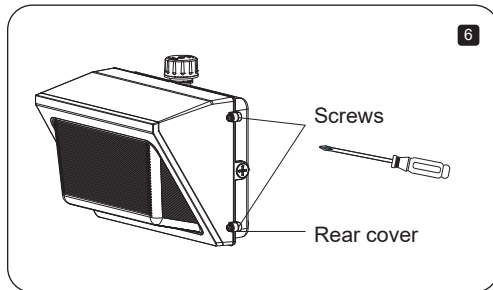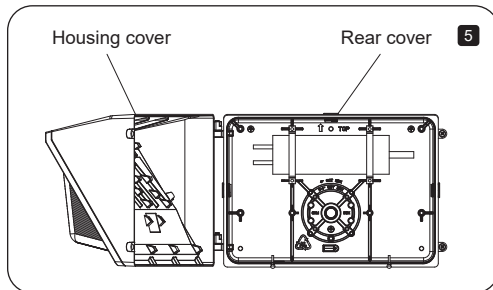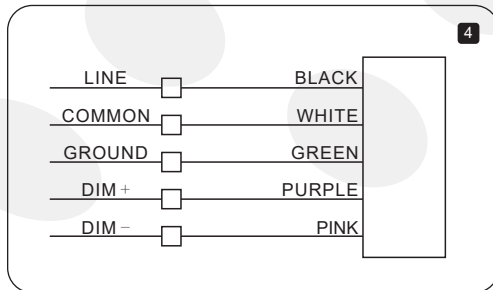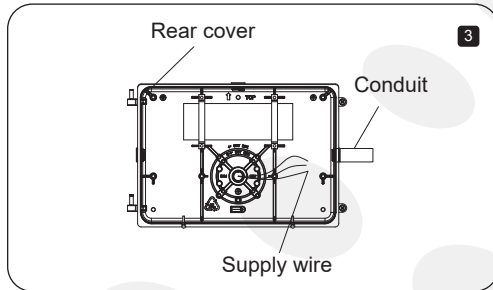
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Installation

TO INSTALL

Rear cover

Conduit

Supply wire

[3]

LINE — BLACK
COMMON — WHITE
GROUND — GREEN
DIM + — PURPLE
DIM − — PINK

[4]

Housing cover   Rear cover   [5]

Screws

Rear cover

[6]

LUMINAIRE INSTALLATION

STEP 2-2 (Conduit-stub up) (Figure 3)

1. Drill holes on the rear cover as auxiliary mounting holes.
2. Verify that supply power is off. Using a contractor level, ensure rear cover is level and mark mounting surface thru selected auxiliary mounting holes.
3. Drill holes as marked in step 1 and install appropriate mounting inserts capable of handing fixture load requirements.
4. Feed supply wires through the center of the rear cover and slit in gasket.
5. Ensure rear cover is level. Fully tighten fasteners (use washers as required to ensure a secure fit).

STEP 2-3 (Conduit-surface) (Figure 3):

1. Drill holes on the rear cover as auxiliary mounting holes.
2. Verify that supply power is off. Using a contractor level, ensure rear cover is level and mark mounting surface through selected auxiliary mounting holes.
3. Drill holes as marked in step 1 and install appropriate mounting inserts capable of handling fixture load requirements.
4. Ensure rear cover is level. Fully tighten fasteners (use washers as required to ensure a secure fit).
5. Attach ½"NPT conduit fittings using the appropriate EMT rain tight compre sion connections(not provided) onto the factory machined conduit entry opening.

STEP 3 (Figure 4):

Make supply wire (power and dimming) to fixture wire connections as required through splice access.
The voltage driver permits. Operation at 120V-277V, 120V-347V, 200V-480V, 50 or 60 Hz. 0-10V control wires must be rated for 300V minimum, for 0-10V Dimming.
Follow the wiring directions as shown in figure below.

STEP 4 (Figure 5):

Fixture slightly upward, align fixture housing indicators with rear cover hooks and slip fixture back onto hooks and insert the connector.

STEP 5 (Figure 6):

Close the housing indicators to the rear cover and fully tighten fasteners. The bottom shell is sprayed with glue and tightly sealed to the wall.

Trouble shooting: If this fixture fails to operate properly,check to make sure: The fixture is wired correctly. The fixture is grounded correctly. The line voltage at the fixture is correct. If all these variables have been checked and the fixture still does not operate as specified, contact your local distributor.

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Pakaging

SKU	Size (Inches)	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
156703	15 x 11.02 x 9.44	1Pc	8.24 LBS	9.61 LBS

Warranty

5 Year warranty

Application Image

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Application Picture

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