BASELINE
BY LUMECON

PROJECT NAME: _____ CATALOG #: _____

NOTES: _____ DATE: _____

BLS-FTWABA
FORWARD THROW WALL PACK

BLS-FTWABA series allows for field adjustment of light throw, CCTs and light output offering a more flexible and powerful wall pack. Delivers superior performance in a traditional appearance while maximizing flexibility on field and distributor shelves. BLS-FTWABA uses high-quality borosilicate glass lenses combined with a high-efficiency light engine to provide high-quality lighting services. Available in 3 different sizes, it can meet the different lighting needs of customers and perfectly cover the ugly stains left by typical metal halides.

SPECIFICATIONS FEATURES

Color Temperature Tuning: Capable of delivering 3000K, 4000K & 5000K color temperatures

Construction: Rugged cast-aluminum housing with bronze polyester powder paint for outdoor applications. The housing is completely sealed, providing excellent protection against moisture and environmental contaminants.

Controls: A switchable integrated photocell for easy dusk-to-dawn operation. Plug-and-play PIR Sensor or Bluetooth Smart Control Sensor available for further energy-saving. Optional for Emergency Battery.

CRI: 70

Voltage: 120-277V

Dimming: 0-10V Dimmable

Lifespan: Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

Operating Temperature: -40°C to 40°C (-40˚F - + 104˚F).Note: Operating with emergency battery temperature range: 10°C to 40°C (+50˚F - + 104˚F)

Power Factor: > 0.90, THD <15%

Listings: cULus, IP66, Suitable for Wet location, RoHS compliant, Meets LM-79 LM-80 Standards. DesignLights Consortium™ Qualified. DesignLights Consortium™ Qualified and classified for DLC Premium, refer to www.designlights.org for details.

Warranty: 5 year warranty

NOTE- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.

ORDERING GUIDE

SAMPLE: BLS-FTWABA-30-27-ADJ-D-PC-BB-M-AD-CD

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	PHOTOCELL	EMERGENCY BATTERY	SENSOR	CCT AND POWER ADJUSTABLE	LENS
BLS-FTWABA	**30** 30W **60** 160W **100** 100W **150** 150W	**27** 120-277V	**ADJ** Adjustable Color Temperature	**D** Dark Bronze **CC** Custom Color	**PC** 120-277V **BLANK** Without Photocell	**BB**[1] Battery Backup **BLANK** Without Battery Backup	**M** With Sensor **BS** Bluetooth Sensor **DS** Day Sesnor **BLANK** Without Sensor	**AD** with Adjustable Dial	**CD** Clear Diffuser **G** Glass Diffuser

Note:
1. Emergency battery only suit for 120-277V

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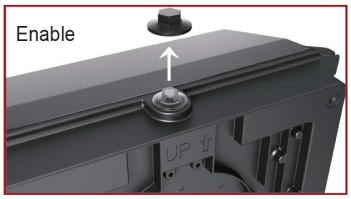
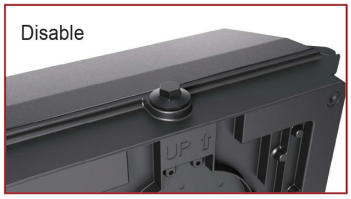
FEATURES

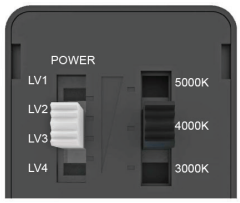
PHOTOCELL CAP





CCT AND WATTAGE CONTROLLER

This fixture has the function of adjusting the lumens output and color temperature on-site.



POWER ADJUSTMENT RANGE:
100%-80%-60%-40%

CCT SELECTABLE: 3000K, 4000K, 5000K

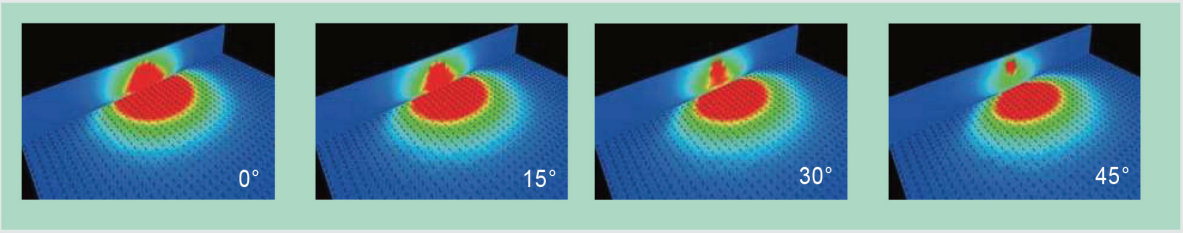
MOUNTING

The external portable mounting plate makes installation super easy and simple. There's no need to open fixture housing, nor drill on housing, which greatly minimize the risk of water ingression.

PHOTOMETRICS

CONTROL THE LIGHT THROW WITH THE SPIN OF A DIAL

All models include a powerful feature that can adjust the tilt of the light engine, enabling field adjustment of the degree of light thrown forward. Choose 0°, 15°, 30°, or 45° to control where the light gets thrown.



ACCESSORIES

EMERGENCY BATTERY BACKUP 8W 900lm 90min, suit for 60W, 100W, 150W. 5W 600lm 90min, suit for 30W	**CCT WATTAGE CONTROLLER** Power adjustment range: 100%-80%-60%-40%. CCT adjustment range: 3000K, 4000K, 5000K.	**PIR SENSOR** 10-15VDC input voltage Plug-in PIR sensor. Preset for 5min hold time, 30 min standby time at 30% dim. daylight disabled. Suit for 30W, 60W, 100W.	**BLUETOOTH PIR SENSOR** 10-15VDC input voltage Plug-in Bluetooth. PIR sensor, Sensor and Fixture controller for HAISEN system. Suit for 30W, 60W, 100W	**PIR SENSOR** 12VDC input voltage. Suit for 150W. Direct installation without sensor base.	**WIRE GUARD**	**EXTERNAL GLARE**

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PERFORMANCE DATA

BLS-FTWABA 30W @45º light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	30W	80	4300lm	143lm/W	4500lm	150lm/W	4350lm	145lm/W
Level 2	24W	80	3600lm	150lm/W	3800lm	158lm/W	3650lm	152lm/W
Level 3	18W	80	2800lm	156lm/W	3000lm	167lm/W	2850lm	158lm/W
Level 4	12W	80	2000lm	167lm/W	2100lm	175lm/W	2030lm	169lm/W

BLS-FTWABA 60W @45º light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	60W	80	8400lm	140lm/W	8900lm	148lm/W	8600lm	143lm/W
Level 2	48W	80	7100lm	148lm/W	7500lm	156lm/W	7300lm	152lm/W
Level 3	36W	80	5600lm	156lm/W	6000lm	167lm/W	5700lm	158lm/W
Level 4	24W	80	3900lm	163lm/W	4200lm	175lm/W	4000lm	167lm/W

BLS-FTWABA 100W @45º light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	100W	80	13000lm	130lm/W	14000lm	140lm/W	13500lm	135lm/W
Level 2	80W	80	11000lm	138lm/W	12000lm	150lm/W	11400lm	143lm/W
Level 3	60W	80	8700lm	145lm/W	9500lm	158lm/W	9000lm	150lm/W
Level 4	40W	80	6000lm	150lm/W	6600lm	165lm/W	6250lm	156lm/W

BLS-FTWABA 150W @45º light throw								
SETTING	SYSTEM WATTS	CRI	3000K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
Level 1	150W	80	20000lm	133lm/W	22000lm	147lm/W	21000lm	140lm/W
Level 2	120W	80	16500lm	138lm/W	18500lm	154lm/W	17500lm	146lm/W
Level 3	90W	80	13000lm	144lm/W	14500lm	161lm/W	13800lm	153lm/W
Level 4	60W	80	9000lm	150lm/W	10000lm	167lm/W	9600lm	160lm/W

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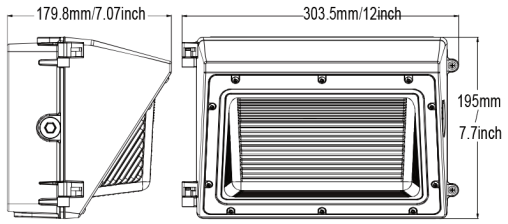
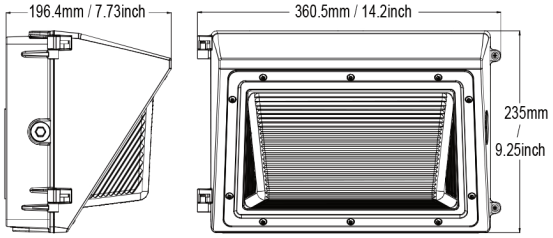
DIMENSIONS

SENSOR INSTALLATION SUPPORT

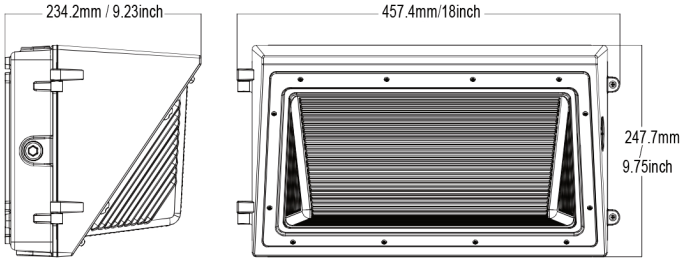
SMALL SIZE: 30W



MEDIUM SIZE: 60W / 100W

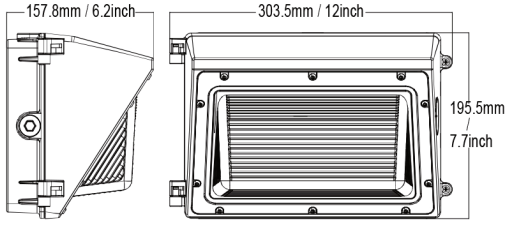


LARGE SIZE: 150W

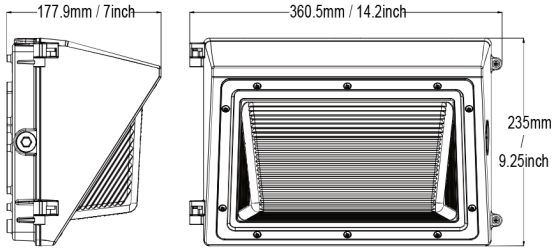


SENSOR INSTALLATION IS NOT SUPPORTED

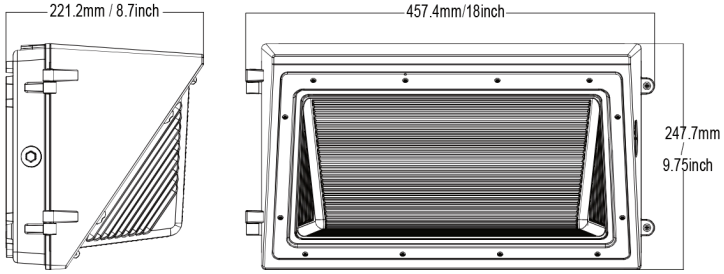
SMALL SIZE: 30W



MEDIUM SIZE: 60W / 100W



LARGE SIZE: 150W



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