

PROJECT NAME: _____

CATALOG #: _____

NOTES: _____

DATE: _____

BLS-FCW FULL CUTOFF WALL PACK

The BLS-FCW Full Cutoff Wall Pack is a high performance fixture offering both durability and style featuring a slimline design. BLS-FCW has on-site dimmable output and CCT settings, allowing the contractor to set the lumen value and CCT of the fixture at the installation site to a level that is perfectly suitable for the work site. The thin shape of the BLS-FCW series was designed for applications such as factories, warehouses, self storage, commercial buildings, entrances and walkways.



SPECIFICATIONS FEATURES

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

Construction: Two-piece die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber. Suitable for applications requiring 3G vibration test according to ANSI C136.31

Lens: Anti-UV prismatic translucent lens is designed to shape the light distribution and uniformity.

CRI: 70

Voltage: 120-277V or 347-480V

Dimming: 0-10V Dimmable

Controls: Optional Photocell and Emergency Battery available.

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)

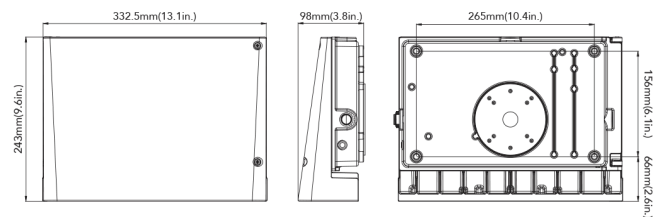
Power Factor: > 0.90, THD <20%

Listings: cULus, IP66, Suitable for Wet location, RoHS compliant, Meets LM-79 LM-80 Standards. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: www.designlights.org.

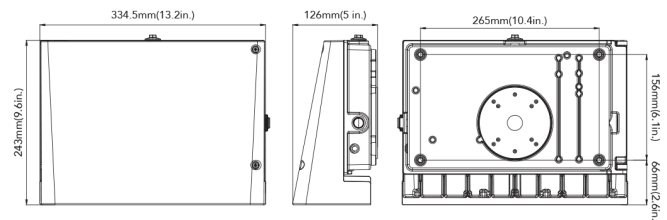
Warranty: 5 year warranty

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.

Small size:
For 26W,38W,65W CCT dial
For 26W,38W,65W,100W,135W single CCT



Large Size:
For 100W CCT dial



ORDERING GUIDE

SAMPLE: BLS-FCW-26-1-ADJ-D-PC-BB

_____ - _____ - _____ - _____ - _____ - _____ - _____ - _____

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	PHOTOCELL	EMERGENCY BATTERY	CCT & POWER ADJUSTABLE
BLS-FCW	26 26W	1 120-277V	ADJ ¹ Adjustable Color Temperature	D Dark Bronze	PC 120-277V	BB ³ Battery Back-Up	AD ¹ Adjustable Dial
	38 38W	2 ² 347-480V	40K 4000K	CC Custom Color	BLANK Without Photocell	BLANK Without Battery Backup	BLANK Without Adjustable Dial
	65 65W		50K 5000K				
	100 100W						

Note

1. CCT adjustable(3000K/4000K/5000K).

2. Only 65W and 100W optional for 347-480V.

3. 100W model not compatible with battery back-up.

STRUCTURAL DESIGN

PHOTOCELL

Optional photocell allows for security and energy savings.



HOUSING

Two-piece die-cast aluminum housing with optimal thermal management both enhances LED efficacy and extends fixture's life.



OPTICS

Zero uplight distributions. Independently designed optical lens, using anti-UV material to maximize the lighting effect while reducing glare.

MOUNTING

Can be mounted directly over a standard 4' and 5' electrical junction box. Three 1/2 inch conduit holes on three sides allow for surface conduit wiring.



EMERGENCY (option)

8W Emergency battery, 900lm, 90 minute

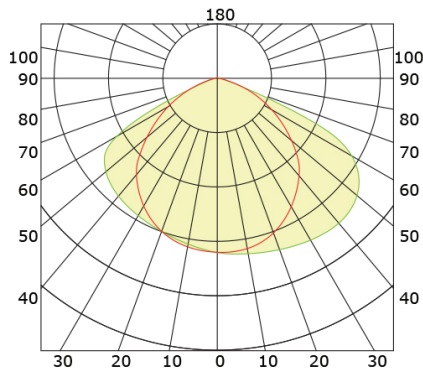


POWER AND CCT CONTROLLER

The wattage and CCT can be changed by switch selection on the controller, it easy very fast to meet the varied requirements.



PHOTOMETRICS



PERFORMANCE DATA (@ CCT DIAL)

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
26W	120-277VAC	70	3800lm	146 lm/W	4000lm	154 lm/W	3900lm	150 lm/W
38W	120-277VAC	70	5600lm	147 lm/W	6000lm	158 lm/W	5700lm	150 lm/W
65W	120-277VAC	70	9500lm	146 lm/W	10000lm	154 lm/W	9700lm	149 lm/W
65W	347-480VAC	70	9400lm	145 lm/W	9900lm	152 lm/W	9500lm	146 lm/W
100W	120-277VAC	70	14800lm	148 lm/W	15500lm	155 lm/W	15000lm	150 lm/W
100W	347-480VAC	70	14000lm	140 lm/W	15000lm	150 lm/W	14500lm	145 lm/W

PERFORMANCE DATA (@SINGLE CCT)

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
26W	120-277VAC	70	3800lm	146 lm/W	3900lm	150 lm/W	3900lm	150 lm/W
38W	120-277VAC	70	5600lm	147 lm/W	5700lm	150 lm/W	5700lm	150 lm/W
65W	120-277VAC	70	9500lm	146 lm/W	9700lm	149 lm/W	9700lm	149 lm/W
65W	347-480VAC	70	9400lm	145 lm/W	9500lm	146 lm/W	9500lm	146 lm/W
100W	120-277VAC	70	14800lm	148 lm/W	15000lm	150 lm/W	15000lm	150 lm/W
100W	347-480VAC	70	14000lm	140 lm/W	14500lm	145 lm/W	14500lm	145 lm/W

ADJUSTABLE LUMEN OUTPUT TABLE

SETTING	VOLTAGE	26W		38W		65W		100W	
		SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)	SYSTEM WATTS	LUMENS (5000K)
100%	120-277VAC	26.45	3918.10	38.12	5690.70	64.93	9816.80	103.20	14950.00
80%	120-277VAC	21.42	3374.27	30.95	4871.24	49.30	7873.07	84.21	12725.44
60%	120-277VAC	15.50	2502.50	23.01	3697.60	34.47	5782.90	61.92	9548.57
40%	120-277VAC	11.31	1882.00	16.89	2789.20	23.37	4042.90	42.83	6667.70

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	430	26	120	0.22
		26	208	0.13
		26	240	0.11
		26	277	0.09
1	680	38	120	0.32
		38	208	0.18
		38	240	0.16
		38	277	0.14
1	980	65	120	0.54
		65	208	0.31
		65	240	0.27
		65	277	0.23
	1850	65	347	0.19
		65	480	0.14
1	850	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
	2520	100	347	0.29
		100	480	0.21
1	1200	135	120	1.13
		135	208	0.65
		135	240	0.56
		135	277	0.49