

FCW8051



Date:

Type:

Fixture:

Project:

Approved:

FCW8051 Exterior Decor fixture is a 14 inch round, IP65 rated, ADA compliant, easy to install fixture that has an impact resistant lens and output options to meet the design requirements of your building. This round face fixture in the FC Lighting Exterior Decor line can be ceiling, wall or surface mounted.

SPECIFICATIONS

PHYSICAL

dimensions	14.2" Ø x 3.6" D
weight	4 lbs
housing	Marine grade, corrosion resistant, heavy gauge high pressure die-cast aluminum; captive stainless steel tamper resistant hex head socket screws
lens	Impact and vandal resistant, UV stabilized, white polycarbonate
mounting	Ceiling, wall or surface mount applications: mounting holes allow unit to be attached directly to octagonal junction box
ingress protection	IP65 Rated. Suitable for wet, damp or dry location application, with extruded silicone gasket to seal out contaminants
finish	Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K	
lumen output	1220 lm	1720 lm	2200 lm	3100 lm	4400 lm
lifetime	> 70,000 hours / L70 or better				
color consistency	3 SDCM / standard: 85 CRI optional: 90 CRI				
operating temperature	-13°F to 104°F (-25°C to 40°C)				
junction temperature	73°C @ T ^a 25°C				
warranty	5-Year limited warranty (refer to website for details)				

ELECTRICAL

input voltage	Universal 120 - 277 VAC Optional: 347 VAC (Integral)
power supply	Integral Class II, electronic high-power factor > 94% @ 120V
certifications	ETL/cETL Listed, CEC Title 24 JA8 compliant (only 90CRI complies), ADA Compliant
standards	UL 1598 / CSA C22.2 No. 250.0; UL 8750 / CSA C22.2 No. 250.13 / IES LM-79 / LM-80
power consumption	52W @ 120V - 277V (maximum)
dimming	Standard: 0-10V (1%) Optional: ELV (120V only) / DMX (remote only) / DALI (remote only)

Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions. FCC Series Cylinder Lights are engineered and produced in our Illinois manufacturing facility.



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Specification Sheet



Ordering Information

PART NUMBER

FCW8051							
MODEL	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS	
FCW8051	UNV UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI	12L 1220 lm (14W)	BKE Black	LD 0-10V Dimming, 1%	
	347 347 VAC (Integral)	3K 3000K	CRI90 90 CRI	17L 1720 lm (20W)	BRE Bronze	ELV ELV Dimming (120V Only)	
		35K 3500K		22L 2200 lm (26W)	GRE Graphite Grey	DMX DMX Dimming (Remote Only)	
		4K 4000K		31L 3100 lm (37W)	SLE Silver	DALI DALI Dimming (Remote Only)	
				44L 4400 lm (52W)	WHE White		
					CCE Custom Color		

REMOTE DRIVER & BATTERY BACKUP

FCW8051R												
SERIES	VOLTAGE		CCT	CRI	LUMENS		FINISH	OPTIONS				
FCW8051R†	UNV	UNV 120 - 277 VAC	27K	2700K	CRI85	85 CRI	12L	1220 lm (14W)	BKE	Black	LD	0-10V Dimming, 1%
			3K	3000K	CRI90	90 CRI	17L	1720 lm (20W)	BRE	Bronze	ELV	ELV Dimming (120V Only)
			35K	3500K			22L	2200 lm (26W)	GRE	Graphite Grey	DMX	DMX Dimming (Remote Only)
			4K	4000K			31L	3100 lm (37W)	SLE	Silver	DALI	DALI Dimming (Remote Only)
							44L	4400 lm (52W)	WHE	White	BBUR¹	Battery Backup Remote (Indoor)
								CCE	Custom Color	BBUX²	Battery Backup Remote (Outdoor)	
										N/A	Leave Blank for Remote Driver Only (without Battery Backup)	

† LED DRIVER REMOTE (INDOOR) IP20, IK08, NEMA 1, -20°C to +50°C, 30' MAX Distance with 12AWG.

*Consult factory for outdoor remote driver only.

[†] LED DRIVER REMOTE (INDOOR) IP20, IK08, NEMA 1, -20°C to +50°C, 30' MAX Distance with 12AWG.

*Consult factory for outdoor remote driver only.

¹ Battery Back-up & LED Driver Remote (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

² Battery Back-up & LED Driver Remote (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

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Specification Sheet

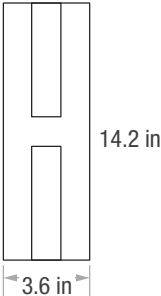
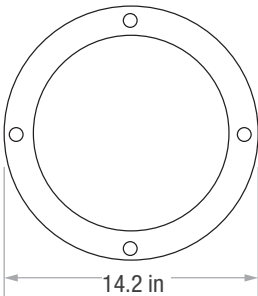
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Dimensions

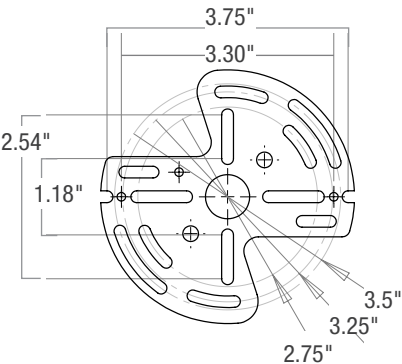
PRODUCT DIMENSIONS - STANDARD PRODUCT

width	14.2" Ø
depth	3.6" D



MOUNTING - *j-box sold by others*

butterfly mounting plate width	3.75" W
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butterfly mounting plate:
mounts flush to surface
and is included
with fixture

3.75" W	mounting width
2.75" - 3.5" Ø	mounting options
1.18" & 3.3"	mounting holes

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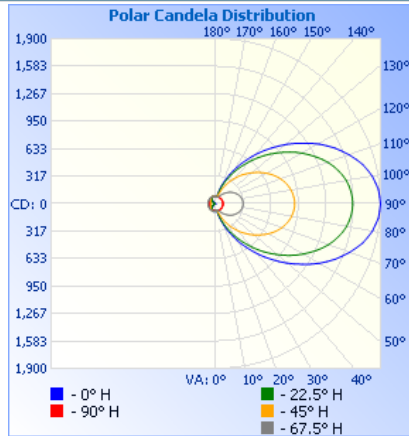
Photometry

OPTICAL DISTRIBUTION

lumen output	4443 lm @ 4000K
power consumption	52W

Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7R	28.3 fc	3.2 ft	3.2 ft
3.3R	7.50 fc	6.3 ft	6.3 ft
5.0R	3.27 fc	9.6 ft	9.5 ft
6.7R	1.82 fc	12.8 ft	12.8 ft
8.3R	1.19 fc	15.9 ft	15.8 ft
10.0R	0.82 fc	19.1 ft	19.1 ft
<div> <div>■</div> Vert. Spread: 87.4° <div>■</div> Horiz. Spread: 87.3° </div>			

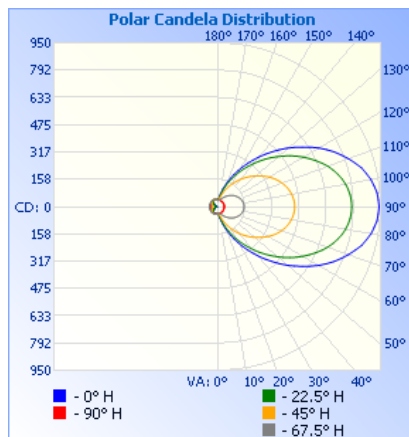
iti illuminations testing laboratory : Report #1320



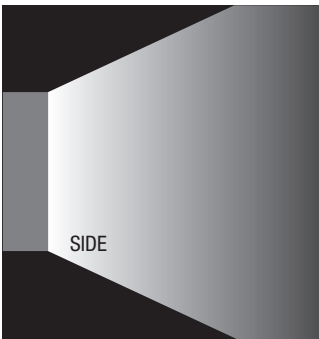
lumen output	2202 lm @ 4000K
power consumption	26W

Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7R	14.0 fc	3.2 ft	3.2 ft
3.3R	3.72 fc	6.3 ft	6.3 ft
5.0R	1.62 fc	9.6 ft	9.5 ft
6.7R	0.90 fc	12.8 ft	12.8 ft
8.3R	0.59 fc	15.9 ft	15.8 ft
10.0R	0.40 fc	19.1 ft	19.1 ft
<div> <div>■</div> Vert. Spread: 87.4° <div>■</div> Horiz. Spread: 87.3° </div>			

iti illuminations testing laboratory : Report #1320-L



FCW8051

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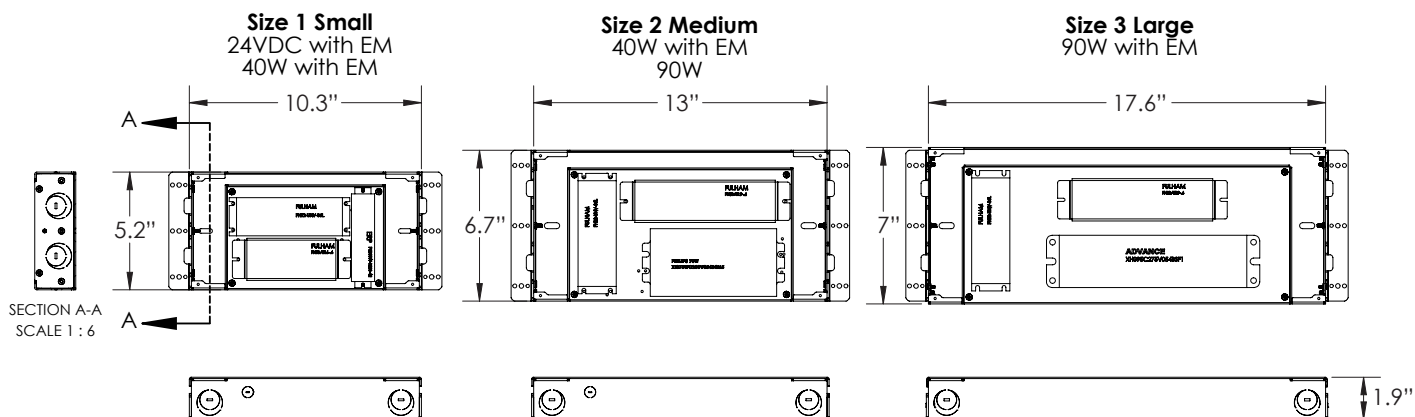
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Specification Sheet

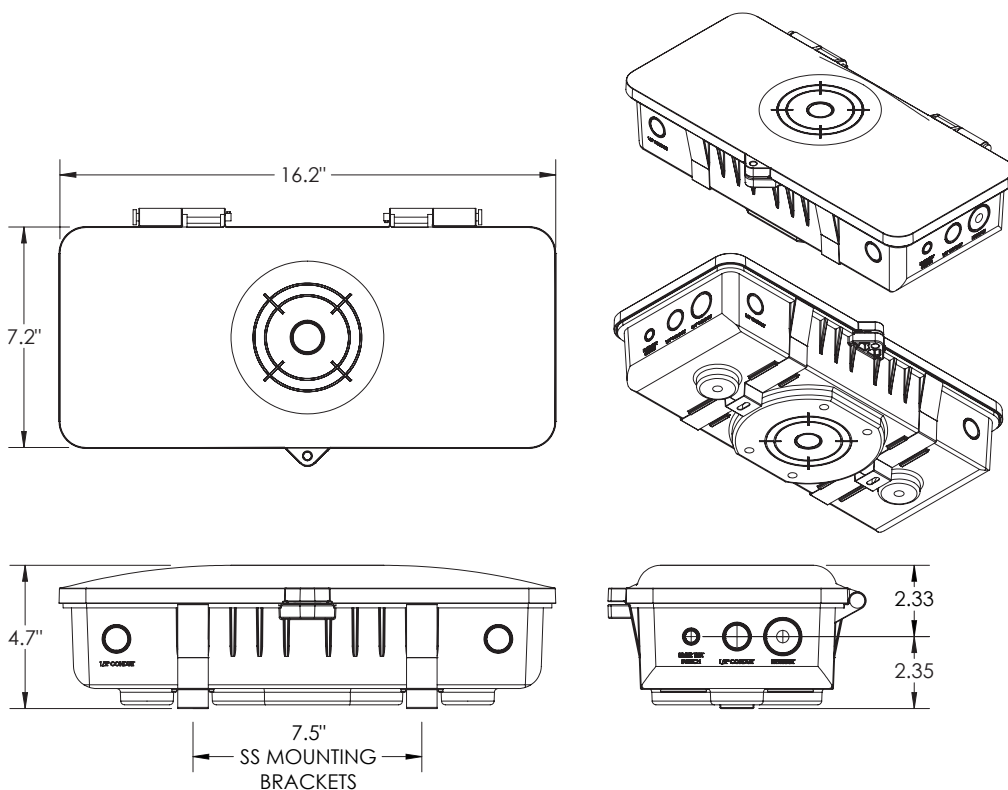
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BATTERY BACK-UPS

BBUR - BATTERY BACK-UP & LED DRIVER REMOTE (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)



BBUX - BATTERY BACK-UP & LED DRIVER REMOTE (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)



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