

FCWS7170



Date:

Type:

Luminaire:

Project:

Approved:

FCWS7170 Exterior Decor luminaire is an IP65 rated, ADA compliant, easy to maintain fixture that has an impact resistant lens and face options to meet the design requirements of your building.



SPECIFICATIONS

PHYSICAL

dimensions	24" H x 7.25" W x 4" D
weight	9.25 lbs
housing	Marine grade, corrosion resistant, heavy gauge high pressure die cast aluminum
lens	Impact resistant, UV stabilized, opal, polycarbonate diffuser
mounting	Mounts directly to standard junction box; masonry applications use four (4) 0.25" x 0.75" screws with lead anchors (fasteners not included, j-box by others)
ingress protection	IP65: dry, damp, or wet locations with PVC closed cell foam gasket to seal out contaminants
finish	Available in Brushed Aluminum, Black, Bronze, Graphite Grey, Silver, White, and Custom Colors. Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm minimum thickness, 5,000 hours salt spray test (ASTM B117) compliant with Florida, AAMA 2604 specification.

PERFORMANCE

color temperature	2700K, 3000K, 3500K, 4000K
lumen output	1200 lm, 1800 lm, 2500 lm, 3800 lm, 5100 lm, 9555 lm
lifetime	L70 >72,000 hours
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

ELECTRICAL

input voltage	Universal 120 - 277 VAC, Optional: 347VAC (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 - Class II, IES LM-79 / LM-80
power consumption	79W @ 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.



Ordering Information

ORDERING INFORMATION

FCWS7170							
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS	
FCWS7170	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	12L 1200 lm (10W)	BA Brushed Aluminum	LD 0-10V Dimming, 1% (Standard)	
	120V 120 VAC	3K 3000K	CRI90 90 CRI	18L 1800 lm (15W)	BKE Black	ELV* ELV Dimming (120 VAC Only)	
	347V 347 VAC (Integral)	35K 3500K		25L 2500 lm (21W)	BRE Bronze	DMX DMX Dimming (Integral)	
		4K 4000K		38L 3800 lm (31W)	GRE Graphite Grey	DALI DALI Dimming (Integral)	
				51L 5100 lm (40W)	SLE Silver		
				96L 9555 lm (79W)	WHE White		
					CCE Custom Color		

REMOTE DRIVER & BATTERY BACKUP

FCWS7170R	UNV						
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS	
FCWS7170R [†]	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	12L 1200 lm (10W)	BA Brushed Aluminum	LD 0-10V Dimming, 1% (Standard)	
		3K 3000K	CRI90 90 CRI	18L 1800 lm (15W)	BKE Black	ELV* ELV Dimming (120 VAC Only)	
		35K 3500K		25L 2500 lm (21W)	BRE Bronze	DMX DMX Dimming (Remote Only)	
		4K 4000K		38L 3800 lm (31W)	GRE Graphite Grey	DALI DALI Dimming (Remote Only)	
				51L 5100 lm (40W)	SLE Silver	BBUR ¹ Battery Backup Remote (Indoor)	
				96L 9555 lm (79W)	WHE White	BBUX ² Battery Backup Remote (Outdoor)	
					CCE Custom Color	DRR ¹ LED Driver Only Remote (Indoor)	
						DRX ² LED Driver Only Remote (Outdoor)	

[†] 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° to 48°C (32° to 118°F), 30 FT Maximum Distance with 12AWG (with UNV Option Only), 500 Lumens Nominal (with UNV Option Only)

² Battery Back-up & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20 to 55°C (-4 to 131°F), 30 FT Maximum Distance with 12AWG (with UNV Option Only), 600 Lumens Nominal

Consult Factory for other options and configurations.

To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical requirements.

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Dimensions

PRODUCT DIMENSIONS - STANDARD PRODUCT		MOUNTING - <i>j-box sold by others</i>	
height	24" H	mounting plate height	24" H
width	7.25" W	mounting plate width	7.25" W
depth	4" D	mounting diameter	2.75" or 3.5"

j-box mounting plate: mounts flush to surface and is included with luminaire

Technical drawings of the FCWS7170 luminaire showing front, side, and top/bottom views with dimensions:

- FRONT VIEW:** Shows the luminaire with a height of 24 inch and a width of 7.25 inch. Internal dimensions include 23.31 inch and 20.06 inch.
- SIDE VIEW:** Shows the luminaire with a depth of 4.1 inch.
- TOP & BOTTOM VIEW:** Shows the luminaire with a depth of 4.1 inch.

Technical drawings of the j-box mounting plate showing top and back views with dimensions:

- Top View:** Shows the mounting plate with a diameter of 2.75 inch and 3.5 inch.
- BACK VIEW:** Shows the mounting plate with a height of 24 inch and a width of 7.25 inch.

FACE PLATE OPTIONS			
 STANDARD (Included with Luminaire)	 A (Optional)	 B (Optional)	 C (Optional)

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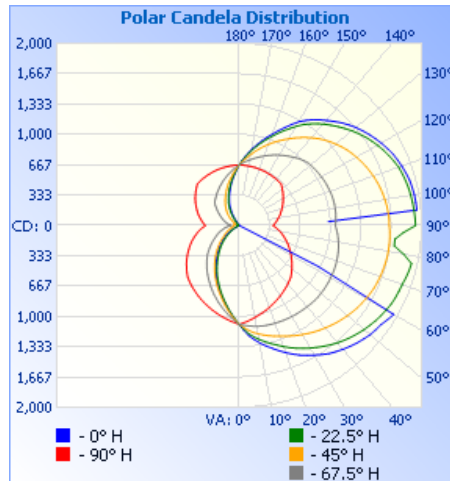
Photometry

OPTICAL DISTRIBUTION

lumen output	9555 lm @ 4000K
power consumption	79W

Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	376 fc	23.0 ft	1.7 ft
3.3ft	99.9 fc	44.7 ft	3.3 ft
5.0ft	43.5 fc	67.8 ft	4.9 ft
6.7ft	24.2 fc	90.8 ft	6.6 ft
8.3ft	15.8 fc	112.5 ft	8.2 ft
10.0ft	10.9 fc	135.5 ft	9.9 ft
<div> <div style="display: inline-block; width: 10px; height: 10px; background-color: blue; margin-right: 5px;"></div> Vert. Spread: 163.2° <div style="display: inline-block; width: 10px; height: 10px; background-color: red; margin-left: 10px; margin-right: 5px;"></div> Horiz. Spread: 52.6° </div>			

iti illuminations testing laboratory : Report #1354

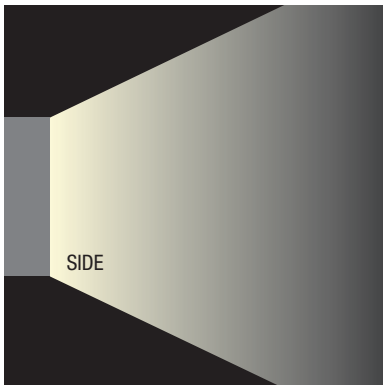


lumen output	5100 lm @ 4000K
power consumption	40W

iti illuminations testing laboratory : Report #1354-L

FCWS7170

FIND IES FILES ON FCLIGHTING.COM

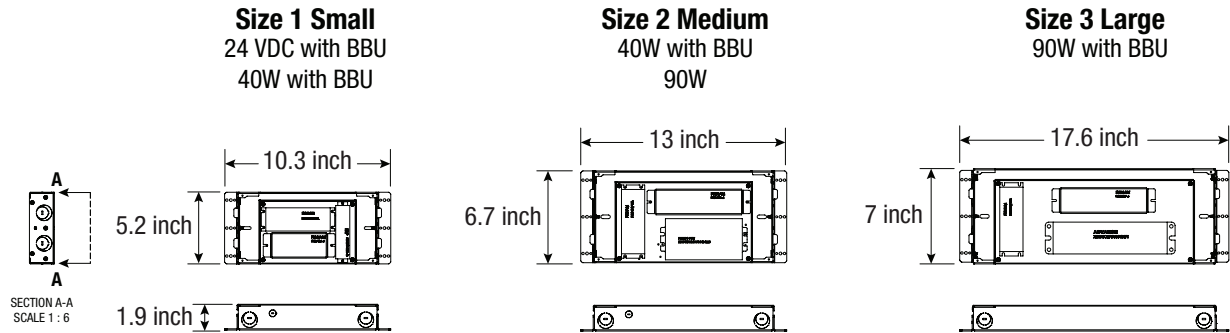


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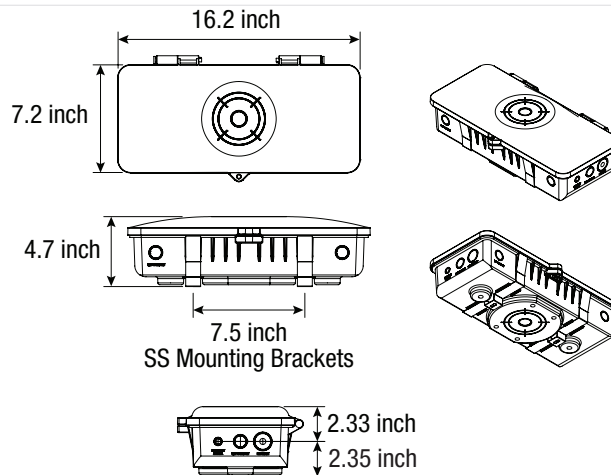


Battery Backups

BBUR — Battery Backup & LED Driver Remote (Indoor), IP20, IK08, NEMA 1, 0 to 48 °C (32 to 118 °F), 30 feet Maximum Distance with 12 AWG (with UNV Option Only)



BBUX — Battery Backup & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20 to 55 °C (-4 to 131 °F), 30 feet Maximum Distance with 12AWG (with UNV Option Only)



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