

Date:	Approved:
Type:	
Luminaire:	
Project:	

FCW3055



FCW3055 Exterior Decor luminaire is a 10 inch round, IP65 rated, ADA compliant, easy to install luminaire that has an impact resistant lens and face options to meet the design requirements of your building. This round face luminaire in the FC Lighting Exterior Decor line of products can be ceiling, wall or surface mounted.



SPECIFICATIONS

PHYSICAL

dimensions	10.4" Ø x 4.1" Deep
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 resistant, UV stabilized, white polycarbonate diffuser
mounting	Masonry applications use four (4) 0.25" x 0.75" screws with lead anchors (fasteners not included, j-box by others)
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 minimum thickness, 5,000 hour salt spray test (ASTM B117) compliant with Florida, AAMA 2604 specification.

PERFORMANCE

color temperature	2700K, 3000K, 3500K, 4000K
lumen output	800 lm, 1100 lm, 1550 lm, 2300 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 90 CRI complies), ADA Compliant
standards	UL 1598, CSA C22.2 No. 250.0 - Class II, IES LM-79 / LM-80
power consumption	43W @ 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

FCW3055							
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS	
FCW3055	UNV	UNV 120V-277V	27K 2700K	CRI85 85 CRI (Standard)	8L 800 lm (15W)	BKE Black (AAMA 2604)	LD 0-10V Dimming, 1% (Standard)
	120V	120 Volts	3K 3000K	CRI90 90 CRI	11L 1100 lm (21.5W)	BRE Bronze (AAMA 2604)	ELV ELV Dimming (120V Only)
	347V	347V (Integral)	35K 3500K		16L 1550 lm (29W)	GRE Graphite Grey (AAMA 2604)	DMX DMX Dimming (Remote Only)
			4K 4000K		23L 2300 lm (43W)	SLE Silver (AAMA 2604)	DALI DALI Dimming (Remote Only)
					WHE White (AAMA 2604)	TPS Tamper Proof Screws	
					CCE Custom Color (AAMA 2604)	F Fused Line (For Driver Only)	
						CSM Conduit Surface Mount Box	
						SP20 20kV Surge Protector	

REMOTE DRIVER & BATTERY BACKUP

FCW3055R	UNV						
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS	
FCW3055R [†]	UNV	UNV 120V-277V	27K 2700K	CRI85 85 CRI (Standard)	8L 800 lm (15W)	BKE Black (AAMA 2604)	LD 0-10V Dimming, 1% (Standard)
			3K 3000K	CRI90 90 CRI	11L 1100 lm (21.5W)	BRE Bronze (AAMA 2604)	ELV ELV Dimming (120V Only)
			35K 3500K		16L 1550 lm (29W)	GRE Graphite Grey (AAMA 2604)	DMX DMX Dimming (Remote Only)
			4K 4000K		23L 2300 lm (43W)	SLE Silver (AAMA 2604)	DALI DALI Dimming (Remote Only)
					WHE White (AAMA 2604)	TPS Tamper Proof Screws	
					CCE Custom Color (AAMA 2604)	F Fused Line (For Driver Only)	
						CSM Conduit Surface Mount Box	
						BBUR ¹ Battery Backup Remote (Indoor)	
						SP20-BBUR (2) 20kV Surge Protectors (1/LED Driver, 1/BBUR) & Battery Backup, Remote (Indoor)	
						BBUX ² Battery Backup Remote (Outdoor)	
						SP20-BBUX (2) 20kV Surge Protectors (1/LED Driver, 1/BBU) & 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.

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)

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.

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.



Dimensions

PRODUCT DIMENSIONS - STANDARD PRODUCT		MOUNTING - <i>j-box sold by others</i>	
width	10.4" Ø	mounting plate width	10.1" W
depth	4.1" D	j-box mounting plate: mounts flush to surface and is included with luminaire	

FRONT VIEW SIDE VIEW

4.5 inch

9 inch

CONDUIT SURFACE MOUNT (CSM)

Junction Box

TOP VIEW

SIDE VIEW

Junction Box

TOP VIEW

SIDE VIEW

SECTION A-A

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.



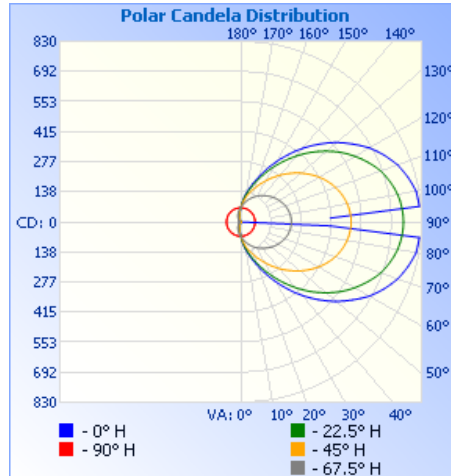
Photometry

OPTICAL DISTRIBUTION

lumen output	2300 lm @ 4000K
power consumption	43W

	Illuminance at a Distance	
	Center Beam fc	Beam Width
1.7R	22.6 fc	4.4 ft 1.6 ft
3.3R	6.00 fc	8.5 ft 3.1 ft
5.0R	2.61 fc	12.9 ft 4.7 ft
6.7R	1.46 fc	17.3 ft 6.2 ft
8.3R	0.95 fc	21.4 ft 7.7 ft
10.0R	0.65 fc	25.8 ft 9.3 ft

■ Vert. Spread: 104.4°
■ Horiz. Spread: 49.9°



illuminations testing laboratory :

FCW3055

FIND IES FILES ON FCLIGHTING.COM



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.

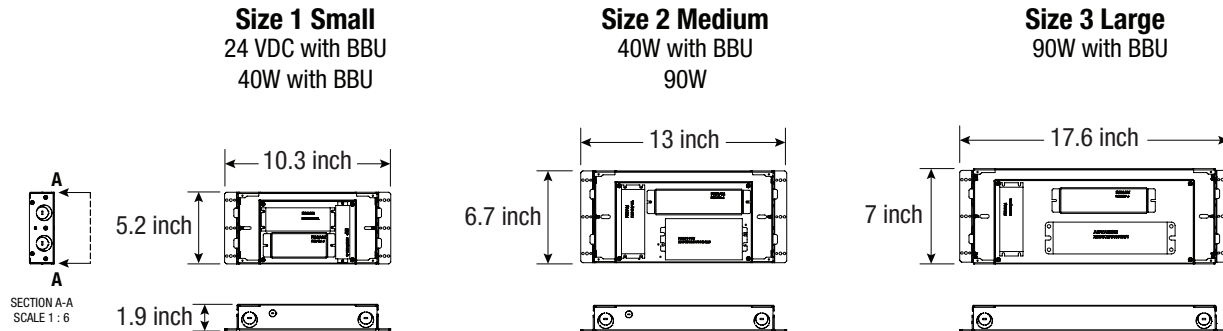
US Commercial Lighting Manufacturer Since 1982

Specification Sheet

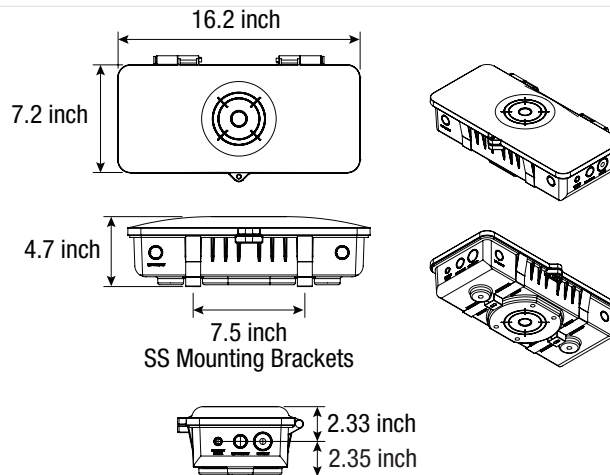


Battery Backups

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)



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.