

FCW3055



Date:

Type:

Fixture:

Project:

Approved:

FCW3055 Exterior Decor fixture is a 10 inch round, IP65 rated, ADA compliant, easy to install fixture that has an impact resistant lens and face options to meet the design requirements of your building. This round face fixture 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 Min., 5000hr 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	> 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 120-277VAC 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)
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.



US Commercial Lighting Manufacturer Since 1982

Specification Sheet

Ordering Information

FCW3055



ORDERING INFORMATION

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

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
						BBUR¹ Battery Backup Remote (Indoor)
						SP20-BBUR (2) 20kV Surge Protectors (1/LED Driver, 1/BBUR) & Battery Backup, Remote (Indoor)
						BBUX² 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.

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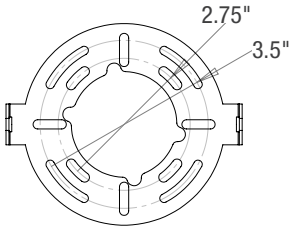
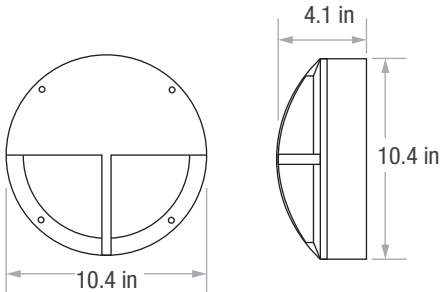
Specification Sheet

AG-DM-061623

Dimensions

FCW3055



PRODUCT DIMENSIONS - STANDARD PRODUCT		MOUNTING - <i>j-box sold by others</i>	
width	10.4" Ø	mounting plate width	4.25" W
depth	4.1" D	 <p>j-box mounting plate: mounts flush to surface and is included with fixture</p> <p>3.5" or 2.75" mounting diameter</p>	
			

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Photometry

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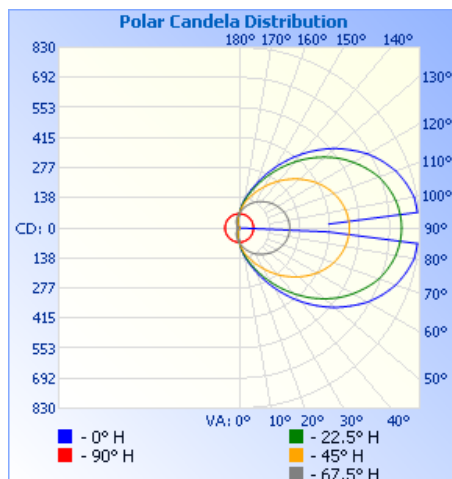


OPTICAL DISTRIBUTION

lumen output	2300 lm @ 4000K
power consumption	43W

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

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



iti illuminations testing laboratory :

FCW3055

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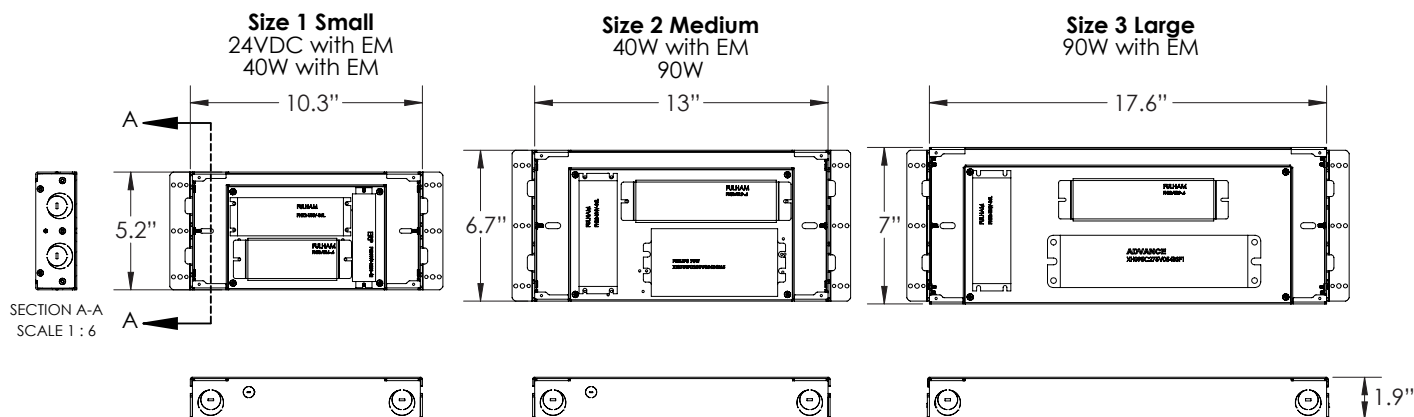
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Specification Sheet

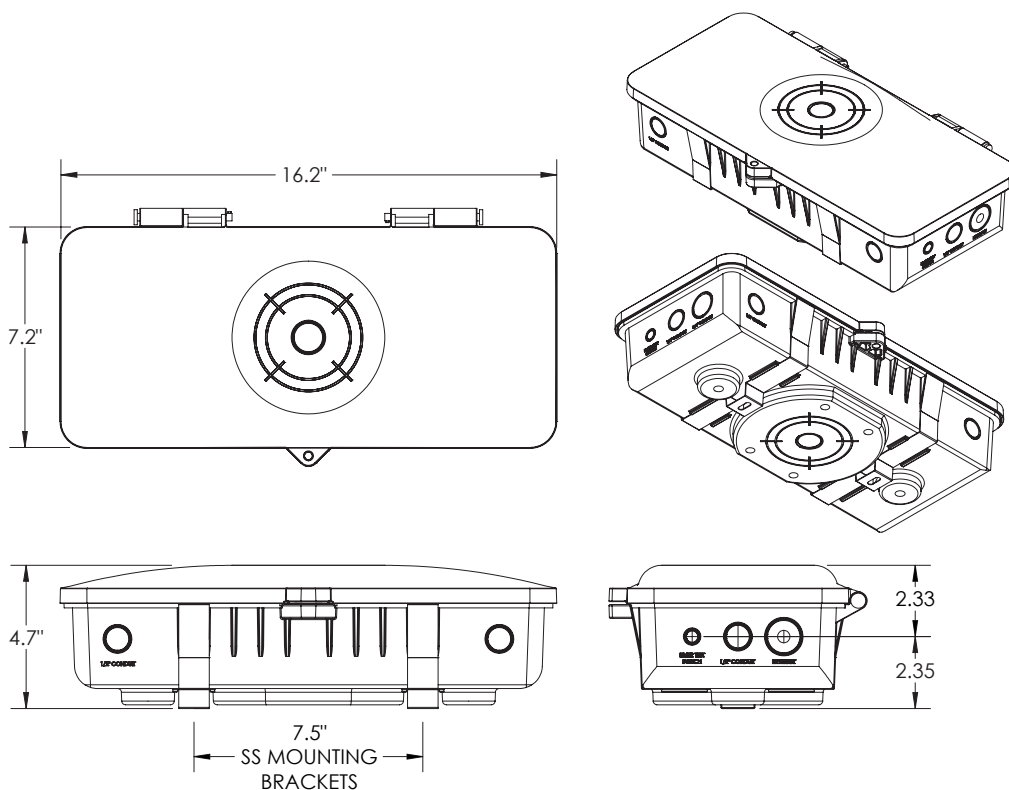
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BATTERY BACK-UPS

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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