

FCW3050



Date:

Type:

Luminaire:

Project:

Approved:

FCW3050 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 3.9" 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	Available in 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, 1900 lm, 2500 lm, 3600 lm
lumen maintenance	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)
warranty	5-Year limited warranty

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 90 CRI complies), ADA Compliant
standards	UL 1598, CSA C22.2 No. 250.0 - Class II, IES LM-79 / LM-80
power consumption	43W @ 120 - 277 VAC (Maximum)
dimming	Standard: 0-10V (1%), Optional: ELV (120V Only), DMX (Remote Only), DALI (Remote Only)

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Ordering Information

ORDERING INFORMATION

FCW3050						
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3050	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	12L 1200 lm (14W)	BKE Black	LD 0-10V Dimming, 1% (Standard)
	120V 120 VAC	3K 3000K	CRI90 90 CRI	19L 1900 lm (22W)	BRE Bronze	ELV* ELV Dimming (120V Only)
	347V 347 VAC (Integral)	35K 3500K		25L 2500 lm (29W)	GRE Graphite Grey	DMX DMX Dimming (Remote Only)
		4K 4000K		36L 3600 lm (43W)	SLE Silver	DALI DALI Dimming (Remote Only)
					WHE White	TPS Tamper Proof Screws
					CCE Custom Color	F Fused Line
						CSM Conduit Surface Mount Box
						SP20 20kV Surge Protector

REMOTE DRIVER & BATTERY BACKUP

FCW3050R	UNV					
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3050R†	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	12L 1200 lm (14W)	BKE Black	LD 0-10V Dimming, 1% (Standard)
		3K 3000K	CRI90 90 CRI	19L 1900 lm (22W)	BRE Bronze	ELV* ELV Dimming (120V Only)
		35K 3500K		25L 2500 lm (29W)	GRE Graphite Grey	DMX DMX Dimming (Remote Only)
		4K 4000K		36L 3600 lm (43W)	SLE Silver	DALI DALI Dimming (Remote Only)
					WHE White	TPS Tamper Proof Screws
					CCE Custom Color	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)
						DRR¹ LED Driver Only Remote (Indoor)
						DRX² 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

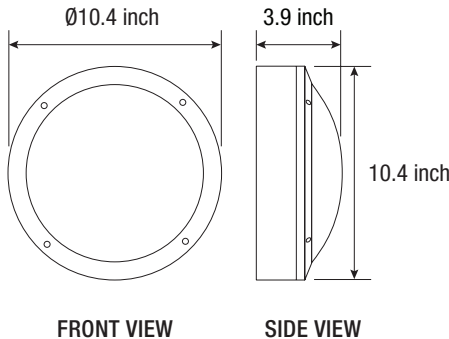
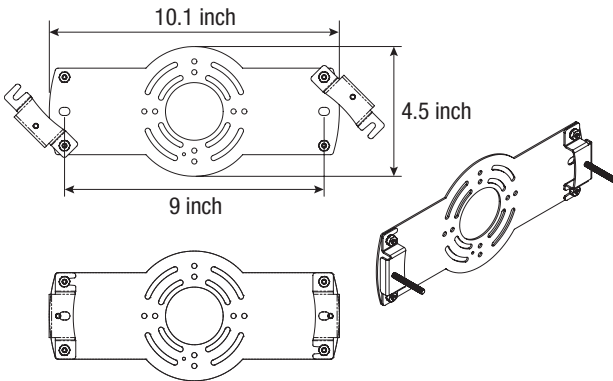
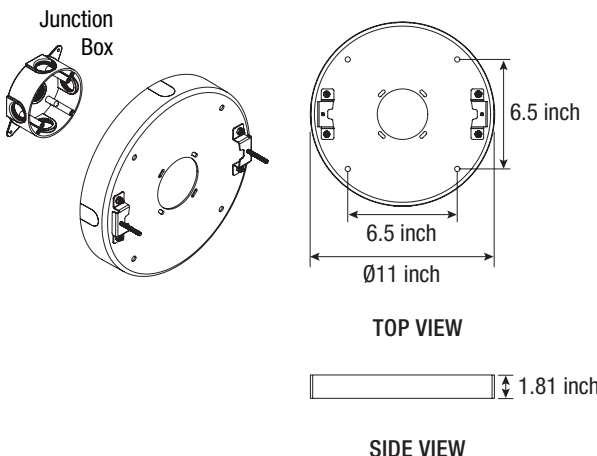
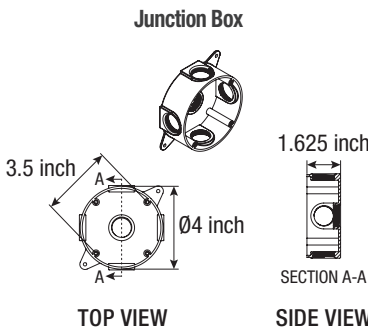
Consult Factory for other options and configurations.

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>	
width	10.4" Ø	mounting plate width	10.1" W
depth	3.9" D	j-box mounting plate: mounts flush to surface and is included with luminaire	
 <p>FRONT VIEW SIDE VIEW</p>			
CONDUIT SURFACE MOUNT (CSM)			
 <p>TOP VIEW SIDE VIEW</p>		 <p>TOP VIEW SIDE VIEW</p>	

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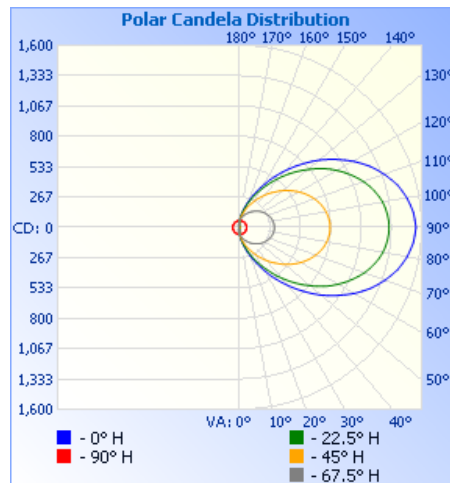
Photometry

OPTICAL DISTRIBUTION

lumen output	3600 lm @ 4000K
power consumption	43W

Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	20.9 fc	3.5 ft	3.5 ft
3.3ft	5.54 fc	6.8 ft	6.8 ft
5.0ft	2.41 fc	10.3 ft	10.3 ft
6.7ft	1.34 fc	13.8 ft	13.8 ft
8.3ft	0.88 fc	17.1 ft	17.1 ft
10.0ft	0.60 fc	20.6 ft	20.6 ft
■ Vert. Spread: 91.6° ■ Horiz. Spread: 91.6°			

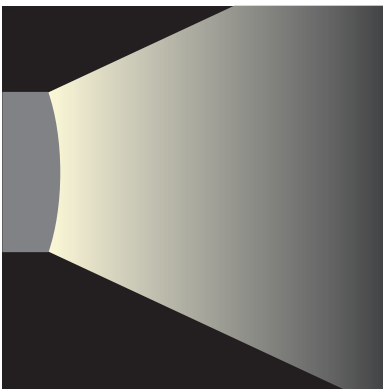
illuminations testing laboratory :



COLOR	MULTIPLIER
80 CRI - 2700K CCT	0.89
80 CRI - 3000K CCT	0.96
80 CRI - 3500K CCT	0.96
80 CRI - 4000K CCT	1.00
90 CRI - 2700K CCT	0.70
90 CRI - 3000K CCT	0.70
90 CRI - 3500K CCT	0.78
90 CRI - 4000K CCT	0.78

FCW3050

FIND IES FILES ON FCLIGHTING.COM

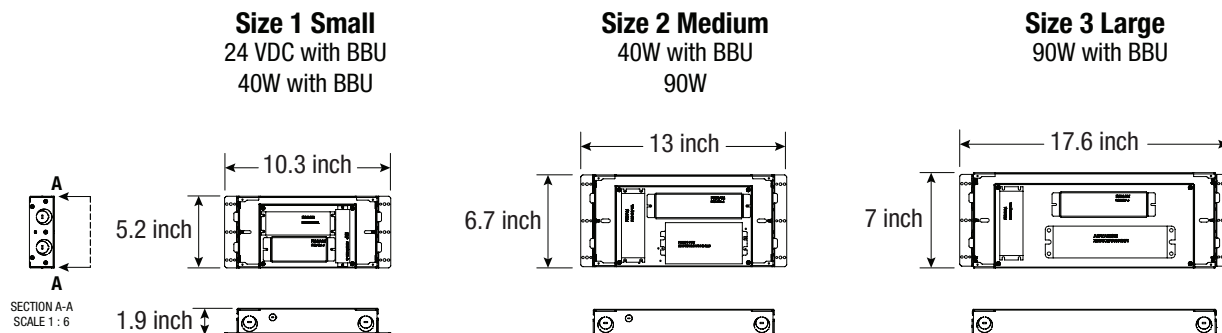


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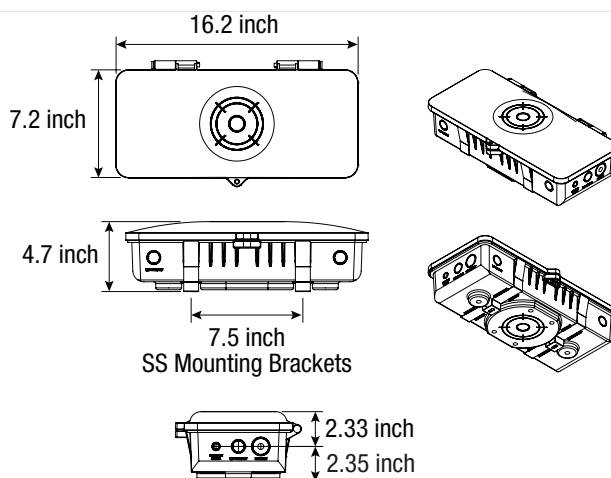


Battery Backups

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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