

## FCW3053



Date:

Type:

Luminaire:

Project:

Approved:

**FCW3053** 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

<b>dimensions</b>	10.4" Ø x 4.7" Deep
<b>weight</b>	4 lbs
<b>housing</b>	Marine grade, corrosion resistant, heavy gauge high pressure die-cast aluminum; captive stainless steel tamper resistant hex head socket screws
<b>lens</b>	Impact resistant, UV stabilized, white polycarbonate diffuser
<b>mounting</b>	Masonry applications use four (4) 0.25" x 0.75" screws with lead anchors (fasteners not included, j-box by others)
<b>ingress protection</b>	IP65 Rated. Suitable for wet, damp or dry location application, with extruded silicone gasket to seal out contaminants
<b>finish</b>	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.

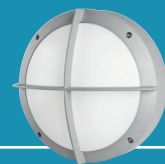
#### PERFORMANCE

<b>color temperature</b>	2700K, 3000K, 3500K, 4000K
<b>lumen output</b>	1200 lm, 1900 lm, 2500 lm, 3600 lm
<b>lumen maintenance</b>	L70 > 72,000 hours
<b>color consistency</b>	3 SDCM / Standard: 85 CRI, Optional: 90 CRI
<b>operating temperature</b>	-13°F to 104°F (-25°C to 40°C)
<b>warranty</b>	5-Year limited warranty

#### ELECTRICAL

<b>input voltage</b>	Universal 120 - 277 VAC, Optional: 347 VAC (Integral)
<b>power supply</b>	Integral Class II, electronic high-power factor > 94% @120V
<b>certifications</b>	ETL/cETL Listed, CEC Title 24 JA8 compliant (only 90 CRI complies), ADA Compliant
<b>standards</b>	UL 1598, CSA C22.2 No. 250.0 - Class II, IES LM-79 / LM-80
<b>power consumption</b>	43W @ 120 - 277 VAC (Maximum)
<b>dimming</b>	Standard: 0-10V (1%), Optional: ELV (120V only), DMX (Remote Only), DALI (Remote Only)

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# Ordering Information

## ORDERING INFORMATION

FCW3053						
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3053	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 (For Driver Only)
						CSM Conduit Surface Mount Box
						SP20 20kV Surge Protector

## REMOTE DRIVER & BATTERY BACKUP

FCW3053R	UNV					
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3053R†	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
						BBUR <sup>1</sup> Battery Backup Remote (Indoor)
						SP20-BBUR (2) 20kV Surge Protectors (1/LED Driver, 1/BBUR) & Battery Backup, Remote (Indoor)
						BBUX <sup>2</sup> Battery Backup Remote (Outdoor)
						SP20-BBUX (2) 20kV Surge Protectors (1/LED Driver, 1/BBU) & Battery Backup, Remote (Outdoor)
						DRR <sup>1</sup> LED Driver Only Remote (Indoor)
						DRX <sup>2</sup> 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.

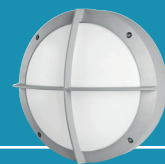
<sup>1</sup> Battery Back-up & LED Driver Remote (Indoor), IP20, IK08, NEMA 1, 0° to 48°C (32° to 118°F), 30 FT Maximum Distance with 12AWG (with UNV Option Only), 500 Lumens Nominal (with UNV Option Only)

<sup>2</sup> 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

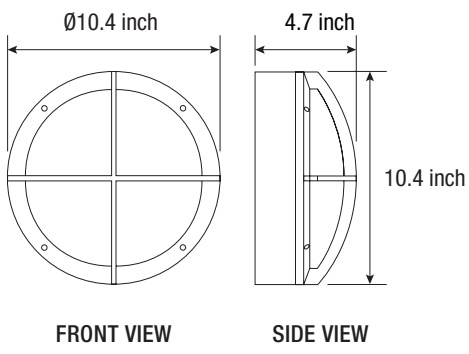
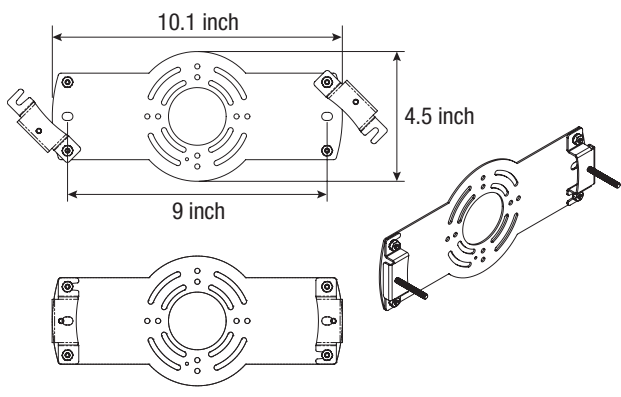
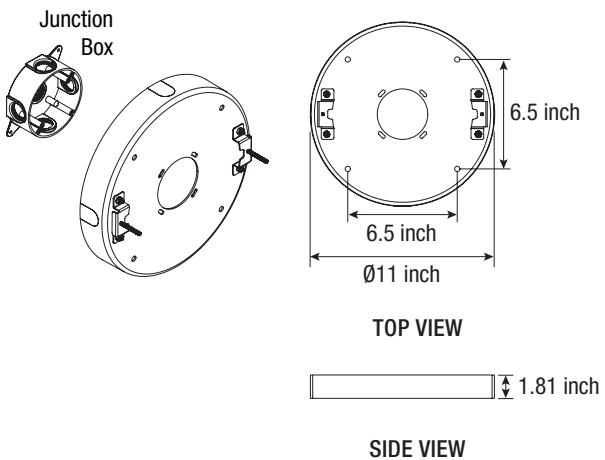
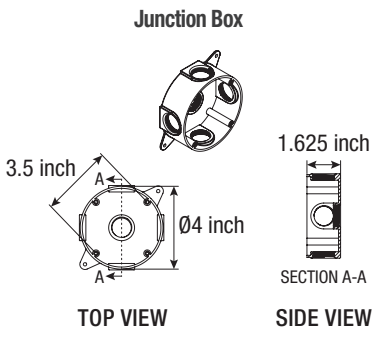
### Consult Factory for other options and configurations.

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.

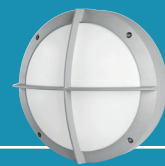
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# Dimensions

PRODUCT DIMENSIONS - STANDARD PRODUCT		MOUNTING - <i>j-box sold by others</i>	
width	10.4" Ø	mounting plate width	10.1" W
depth	4.7" D	j-box mounting plate: mounts flush to surface and is included with luminaire	
 <p>FRONT VIEW      SIDE VIEW</p>		 <p>TOP VIEW      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

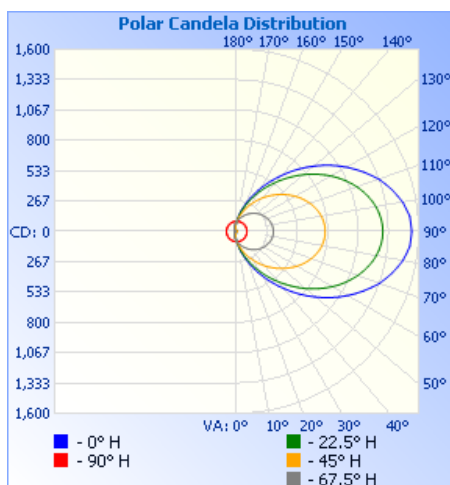
## OPTICAL DISTRIBUTION

<b>lumen output</b>	3600 lm @ 4000K
<b>power consumption</b>	43W

Illuminance at a Distance		
	Center Beam fc	Beam Width
1.7ft	31.0 fc	3.4 ft
3.3ft	8.23 fc	6.7 ft
5.0ft	3.58 fc	10.1 ft
6.7ft	2.00 fc	13.6 ft
8.3ft	1.30 fc	16.8 ft
10.0ft	0.90 fc	20.3 ft

■ Beam Spread: 90.7°

iti 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

FCW3053

FIND IES FILES ON [FCLIGHTING.COM](http://FCLIGHTING.COM)



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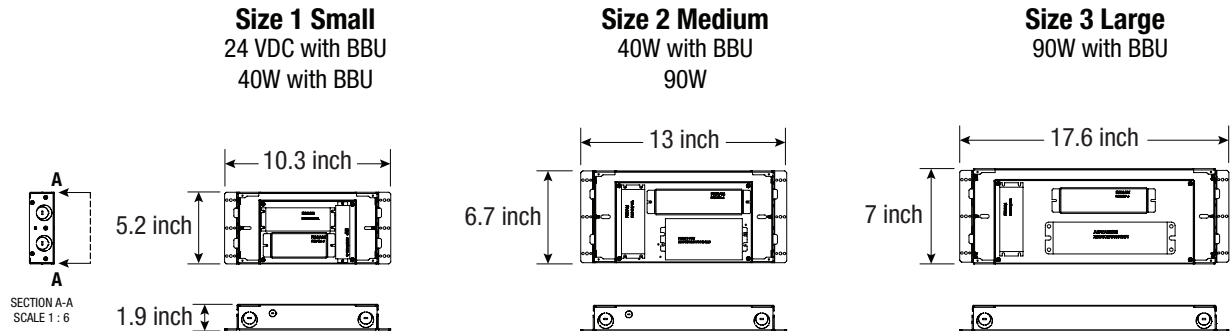
 US Commercial Lighting Manufacturer Since 1982

Specification Sheet

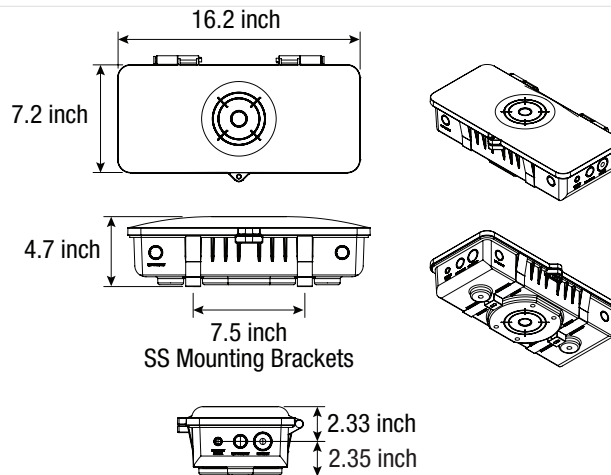


# Battery Backups

**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)



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