

FCW3352



Date:	Approved:
Type:	
Luminaire:	
Project:	

FCW3352 Exterior Decor luminaire is a die-cast aluminum 10-inch square luminaire and is IP65 rated. This ADA compliant, easy to install luminaire has an impact resistant lens that provides ample lighting for a variety of ceiling, wall or surface applications.



SPECIFICATIONS

PHYSICAL

dimensions	10.6" Square x 3.5" Deep
weight	2.5 lbs
housing	Marine grade, corrosion resistant, heavy gauge high pressure die-cast aluminum; captive stainless steel tamper resistant hex head socket screws
lens	Impact and vandal resistant, UV stabilized, white opal, polycarbonate
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, 5000K
lumen output (@ 4K-CRI85)	700 lm, 1050 lm, 1550 lm, 2050 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 UL8750, CSA C22.2 No. 250.13, IES LM-79 / LM-80
power consumption	41W @ 120 - 277 VAC (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.
Product use certifies agreement to FC Lighting terms and conditions.



Ordering Information

ORDERING INFORMATION

INTEGRAL DRIVER

FCW3352						
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3352	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI	7L 700 lm (14W)	BKE Black	LD 0-10V Dimming, 1% (Standard)
	120V 120 VAC (PE120 &/or SP20)	3K 3000K	CRI90 90 CRI	11L 1050 lm (21W)	BRE Bronze	TPS Tamper Proof Screws
	277V 277 VAC (PE277 &/or SP20)	35K 3500K		16L 1550 lm (31W)	GRE Graphite Grey	F Fuse Line (1 Fuse with LED Driver)
	347V 347 VAC (347V &/or SP20)	4K 4000K		21L 2050 lm (41W)	SLE Silver	CSM Conduit Surface Mount
		5K 5000K			WHE White	PE120 Photo Eye for 120V
					CCE Custom Color	PE277 Photo Eye for 277V
						SP20 20kV Surge Protector (1 SP20 with LED Driver) ¹

¹ Specify Voltage — 120V, 277V, or 347V.

REMOTE DRIVER & BATTERY BACKUP

FCW3352R						
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3352R [†]	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI	7L 700 lm (14W)	BKE Black	LD 0-10V Dimming, 1% (Standard)
	120V 120 VAC (SP20 &/or ELV)	3K 3000K	CRI90 90 CRI	11L 1050 lm (21W)	BRE Bronze	ELV ELV Dimming (120V Only)
	277V 277 VAC (SP20)	35K 3500K		16L 1550 lm (31W)	GRE Graphite Grey	DMX DMX Dimming (Remote Only)
		4K 4000K		21L 2050 lm (41W)	SLE Silver	DALI DALI Dimming (Remote Only)
		5K 5000K			WHE White	TPS Tamper Proof Screws
					CCE Custom Color	F Fuse Line (1 Fuse with LED Driver, 2 Fuses with BBUR & BBUX Options)
						CSM Conduit Surface Mount
						BBUR Battery Backup & LED Driver Remote (Indoor), 40W, IP20, IK08, NEMA 1, 0° to 48 °C (32° to 118 °F), 30 FT Maximum Distance with 12AWG (w/ UNV Option Only), 500 Lumens Nominal
						SP20-BBUR 20kV Surge Protector (1 SP20 with LED Driver, 1 SP20 with BBUR) & Battery Backup, Remote (Indoor) ¹
						DRR LED Driver Only Remote (Indoor)
						BBUX Battery Backup & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20° to 55°C (-4° to 131°F), 30 FT Maximum Distance with 12AWG (w/ UNV Option Only), 600 Lumens Nominal
						SP20-BBUX 20kV Surge Protector (1 SP20 with LED Driver, 1 SP20 with BBUX) & Battery Backup, Remote (Outdoor) ¹
						DRX LED Driver Only Remote (Outdoor)

[†] LED DRIVER REMOTE (INDOOR) IP20, IK08, NEMA 1, -20°C to +50°C, 30' MAX Distance with 12AWG.
¹ Specify Voltage — 120V or 277V.

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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US Commercial Lighting Manufacturer Since 1982

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Specification Sheet

TG-DM-020226



Dimensions

PRODUCT DIMENSIONS - STANDARD PRODUCT		MOUNTING - <i>j-box sold by others</i>	
width	10.6" W	mounting plate width	10.34" W
depth	3.5" D		mounting plate mounts flush to surface, included with luminaire

FRONT VIEW **SIDE VIEW**

Mounting plate mounts flush to surface, included with luminaire.

CONDUIT SURFACE MOUNT (CSM)

TOP VIEW

SIDE VIEW

TOP VIEW

SIDE VIEW

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Photometry

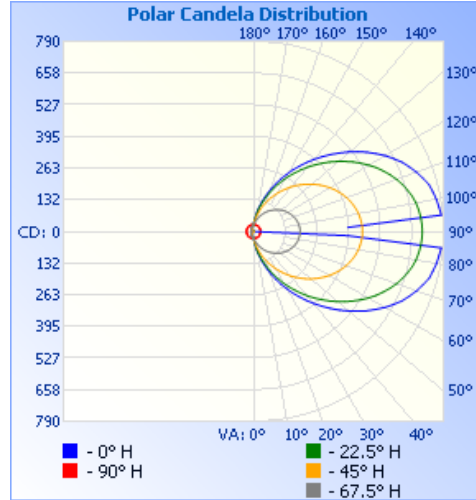
OPTICAL DISTRIBUTION

lumen output	2050 lm @ 4000K
power consumption	41W

	Center Beam fc	Beam Width	
1.7R	10.1 fc	4.0 ft	1.5 ft
3.3R	2.67 fc	7.8 ft	2.9 ft
5.0R	1.16 fc	11.8 ft	4.4 ft
6.7R	0.65 fc	15.9 ft	5.9 ft
8.3R	0.42 fc	19.7 ft	7.3 ft
10.0R	0.29 fc	23.7 ft	8.8 ft

■ Vert. Spread: 99.7°
■ Horiz. Spread: 47.5°

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
80 CRI - 5000K 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
90 CRI - 5000K CCT	0.78

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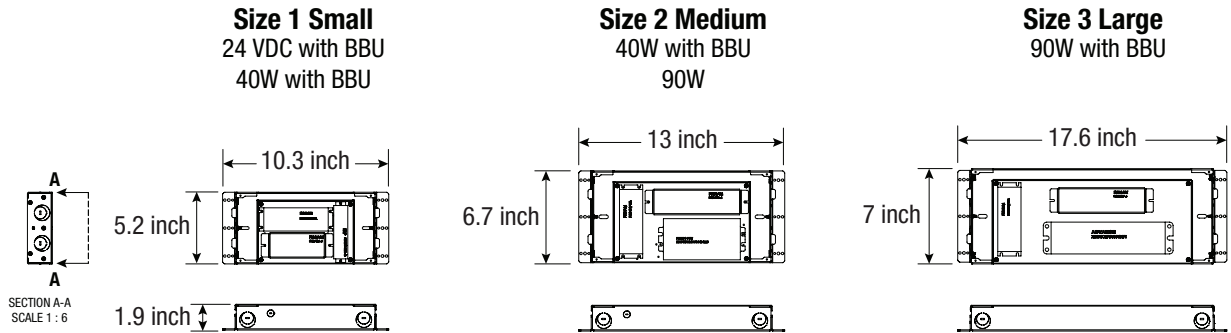
US Commercial Lighting Manufacturer Since 1982

Specification Sheet

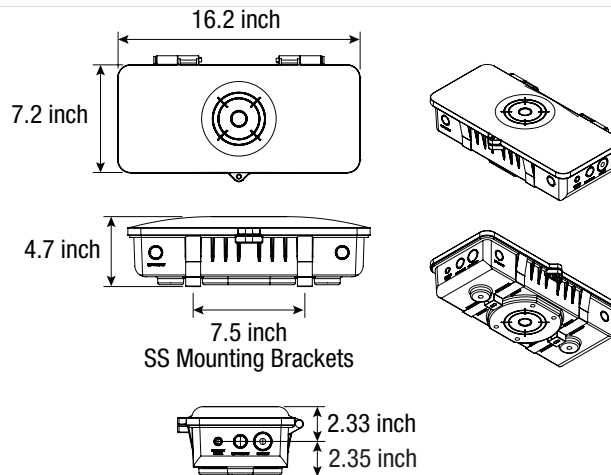


Battery Backups

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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