

FCW3152



Date:

Type:

Luminaire:

Project:

Approved:

FCW3152 Exterior Decor oval luminaire with eyelid face is a die-cast aluminum ceiling or wall mount luminaire and is IP65 rated. This ADA compliant, easy to install luminaire has an impact resistant lens and provides ample lighting for ceiling, wall or surface mounting. Face options available in this family of luminaires with finish and color temperature options to specify a wide variety of applications.



SPECIFICATIONS

PHYSICAL

dimensions	7" W x 10.8" H x 3.75" D
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
lumen output	1020 lm, 1350 lm, 2120 lm, 2800 lm
lifetime	L70 >70,000 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: 347 VAC (Remote)
power supply	Integral Class II, electronic high-power factor > 94% @ 120V
certifications	ETL/cETL Listed, CEC Title 24 JA8 compliant (only 90CRI complies), ADA Compliant
standards	UL 1598, CSA C22.2 No. 250.0, UL 8750, CSA C22.2 No. 250.13 - Class II, IES LM-79 / LM-80
power consumption	37W @ 120V (Maximum)
dimming interface	Standard: 0-10V (1%) Optional: ELV (120V Only) / DMX (Remote) / DALI (Remote)

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

FCW3152						
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3152	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	11L 1020 lm (14W)	BKE Black	LD 0-10V Dimming (10%)
	347V 347 VAC (Remote)	3K 3000K	CRI90 90 CRI	14L 1350 lm (18.5W)	BRE Bronze	ELV* ELV Dimming (120 VAC Only)
		35K 3500K		22L 2120 lm (28W)	GRE Graphite Grey	DMX DMX Dimming (Remote Only)
		4K 4000K		28L 2800 lm (37W)	SLE Silver	DALI DALI Dimming (Remote Only)
					WHE White	
					CCE Custom Color	

REMOTE DRIVER & BATTERY BACKUP

FCW3152R	UNV					
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTIONS
FCW3152R [†]	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	11L 1020 lm (14W)	BKE Black	LD 0-10V Dimming (10%)
		3K 3000K	CRI90 90 CRI	14L 1350 lm (18.5W)	BRE Bronze	DMX DMX Dimming (Remote Only)
		35K 3500K		22L 2120 lm (28W)	GRE Graphite Grey	DALI DALI Dimming (Remote Only)
		4K 4000K		28L 2800 lm (37W)	SLE Silver	BBUR ¹ Battery Backup Remote (Indoor)
					WHE White	BBUX ² Battery Backup Remote (Outdoor)
					CCE Custom Color	DRR ¹ LED Driver Only Remote (Indoor)
						DRX ² 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.

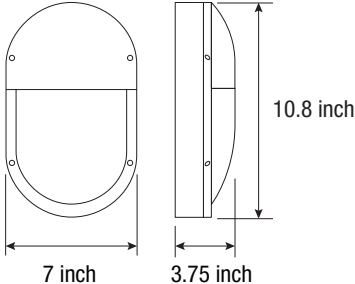
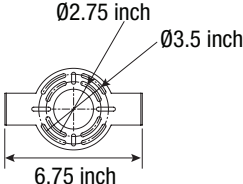
¹ Battery Back-up & LED Driver Remote (Indoor), IP20, IK08, NEMA 1, 0° to 48°C (32° to 118°F), 30 FT Maximum Distance with 12AWG (with UNV Option Only), 500 Lumens Nominal (with UNV Option Only)

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

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Dimensions

PRODUCT DIMENSIONS - STANDARD PRODUCT			MOUNTING - <i>j-box sold by others</i>		
height	7" W		mounting plate width	6.75" W	6.75 inch mounting plate: mounts flush to surface, included with luminaire
width	10.8" H		mounting diameter	2.75" or 3.5"	
depth	3.75" D				
FRONT VIEW		SIDE VIEW			

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Photometry

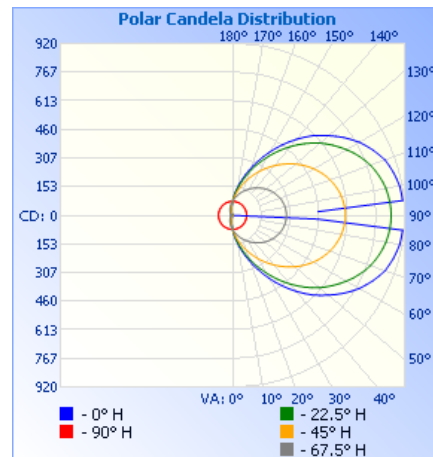
OPTICAL DISTRIBUTION

lumen output	2800 lm @ 4000K
power consumption	37W

Illuminance at a Distance			
	Center Beam fc	Beam Width	
1.7ft	25.9 fc	4.9 ft	1.7 ft
3.3ft	6.88 fc	9.5 ft	3.3 ft
5.0ft	3.00 fc	14.3 ft	5.0 ft
6.7ft	1.67 fc	19.2 ft	6.6 ft
8.3ft	1.09 fc	23.8 ft	8.2 ft
10.0ft	0.75 fc	28.7 ft	9.9 ft

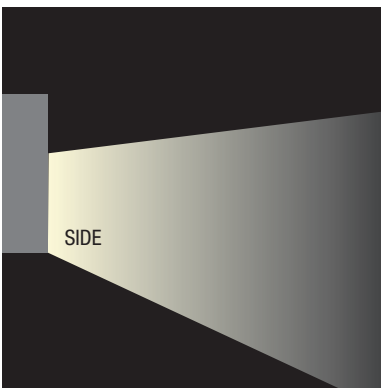
■ Vert. Spread: 110.2°
■ Horiz. Spread: 52.8°

illuminations testing laboratory :



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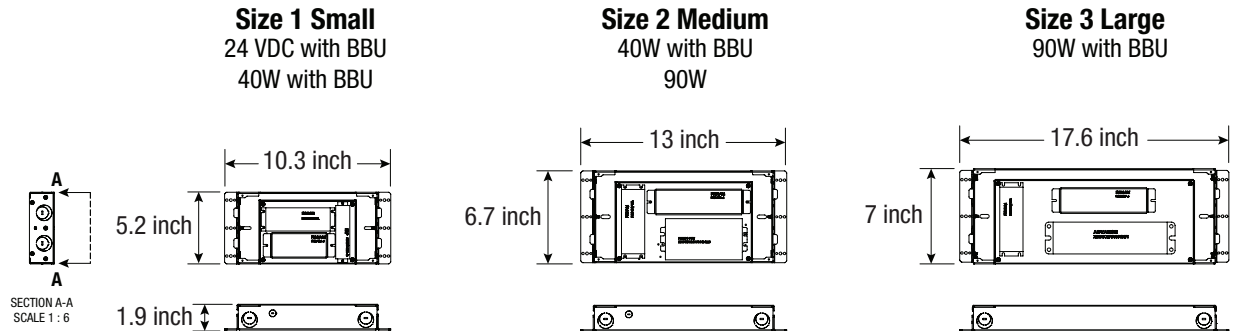
 US Commercial Lighting Manufacturer Since 1982

Specification Sheet

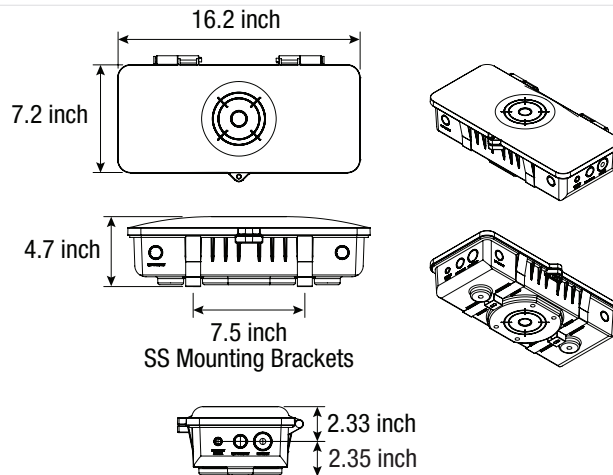


Battery Backups

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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