FC OUTDOOR LIGHTING

FCW3163

FCW3163 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	8.26" H x 13.4" W x 4.4" D
weight	3.5 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	1200 lm, 1760 lm, 2500 lm, 5000 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	61W @ 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.

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Specification Sheet

JC-TD-080125

Ordering Information

ORDERING INFORMATION

FCW3163						
SERIES	**VOLTAGE**	**CCT**	**CRI**	**LUMENS**	**FINISH**	**OPTIONS**
FCW3163	**UNV** 120 - 277 VAC	**27K** 2700K	**CRI85** 85 CRI (Standard)	**12L** 1200 lm (15W)	**BKE** Black	**LD** 0-10V Dimming (10%)
	120V 120 VAC	**3K** 3000K	**CRI90** 90 CRI	**18L** 1760 lm (22W)	**BRE** Bronze	**ELV*** ELV Dimming (120 VAC Only)
	347V 347 VAC (Remote)	**35K** 3500K		**25L** 2500 lm (30.5W)	**GRE** Graphite Grey	**DMX** DMX Dimming (Integral)
		4K 4000K		**50L** 5000 lm (61W)	**SLE** Silver	**DALI** DALI Dimming (Integral)
					WHE White	
					CCE Custom Color	

REMOTE DRIVER & BATTERY BACKUP

FCW3163R	UNV					
SERIES	**VOLTAGE**	**CCT**	**CRI**	**LUMENS**	**FINISH**	**OPTIONS**
FCW3163R[†]	**UNV** 120 - 277 VAC	**27K** 2700K	**CRI85** 85 CRI (Standard)	**12L** 1200 lm (15W)	**BKE** Black	**LD** 0-10V Dimming (10%)
		3K 3000K	**CRI90** 90 CRI	**18L** 1760 lm (22W)	**BRE** Bronze	**DMX** DMX Dimming (Remote Only)
		35K 3500K		**25L** 2500 lm (30.5W)	**GRE** Graphite Grey	**DALI** DALI Dimming (Remote Only)
		4K 4000K		**50L** 5000 lm (61W)	**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

height	8.26" W
width	13.4" H
depth	4.4" D

MOUNTING - *j-box sold by others*

mounting plate width	8" W
mounting diameter	2.75" or 3.5"

8 inch mounting plate: mounts flush to surface, included with luminaire

13.4 inch

8.26 inch   4.4 inch

FRONT VIEW   **SIDE VIEW**

Ø2.75 inch
Ø3.5 inch

8 inch

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Photometry

OPTICAL DISTRIBUTION

lumen output	5000 lm @ 4000K
power consumption	61W

Illuminance at a Distance

	Center Beam fc	Beam Width
1.7ft	38.8 fc	3.2 ft
3.3ft	10.3 fc	6.1 ft
5.0ft	4.49 fc	9.3 ft
6.7ft	2.50 fc	12.4 ft
8.3ft	1.63 fc	15.4 ft
10.0ft	1.12 fc	18.5 ft

■ Beam Spread: 85.6°

itl illuminations testing laboratory :

Polar Candela Distribution

- ■ - 0° H
- ■ - 90° H
- ■ - 22.5° H
- ■ - 45° H
- ■ - 67.5° H
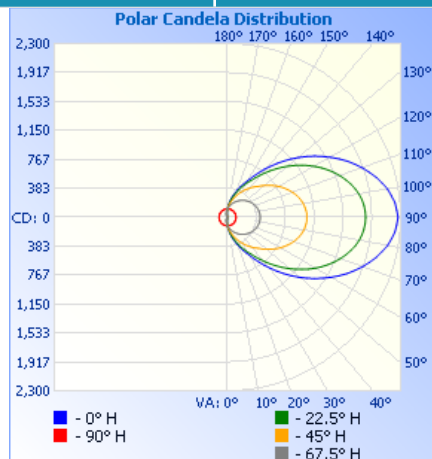
FCW3163   FIND IES FILES ON FCLIGHTING.COM
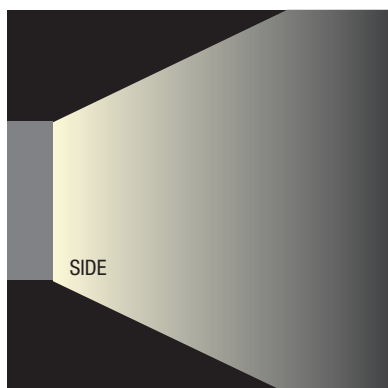
SIDE

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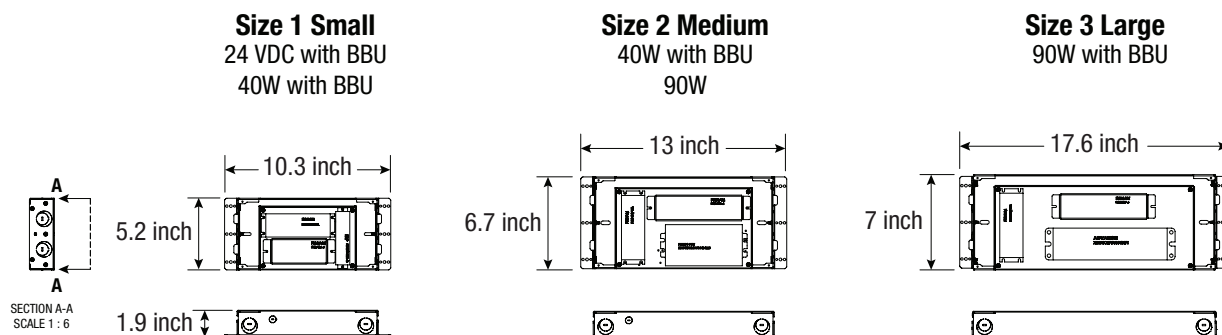
US Commercial Lighting Manufacturer Since 1982
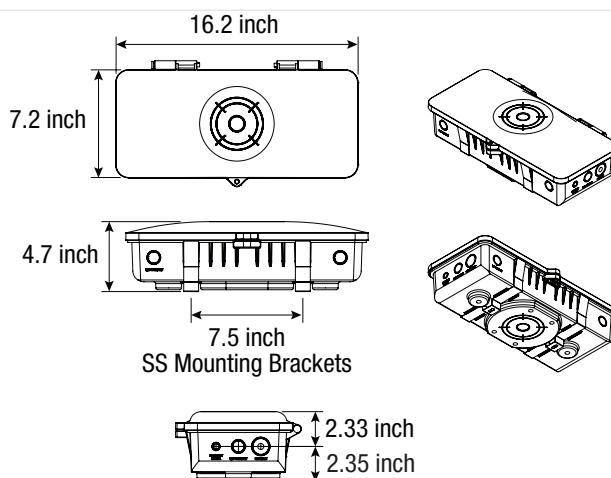
Specification Sheet

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)

Size 1 Small
24 VDC with BBU
40W with BBU

Size 2 Medium
40W with BBU
90W

Size 3 Large
90W with BBU

10.3 inch
5.2 inch
1.9 inch
A
A
SECTION A-A
SCALE 1 : 6

13 inch
6.7 inch

17.6 inch
7 inch

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)

16.2 inch
7.2 inch
4.7 inch
7.5 inch
SS Mounting Brackets
2.33 inch
2.35 inch

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