

FCW3800



Date:	Approved:
Type:	
Luminaire:	
Project:	

FCW3800 Exterior Decor luminaire is an 13 inch round, IP66 rated, ADA compliant, easy to install luminaire with an impact and vandal resistant lens to meet the design requirements of your building. The FCW3700 can be ceiling, wall or surface mounted.



SPECIFICATIONS

PHYSICAL

dimensions	13.3" Dia. x 2.1" D
weight	4 lbs
housing	Marine grade, corrosion resistant, heavy gauge high pressure die-cast aluminum
lens	Impact and vandal resistant, UV stabilized, white polycarbonate. IK10 Rating.
mounting	Ceiling, wall or surface mount applications: mounting holes allow unit to be attached directly to octagonal junction box or to surface
ingress protection	IP66 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	3000K, 3500K, 4000K
lumen output	1414 lm, 1993 lm, 2619 lm
lumen maintenance	L70 > 70,000 hours
color consistency	3 SDCM / Standard: 85 CRI
operating temperature	-4°F to 122°F (-20°C to 50°C)
warranty	5-Year limited warranty

ELECTRICAL

input voltage	Universal 120 - 277 VAC, Optional: 347 VAC (remote only)
power supply	Integral, class II, electronic high power factor > 94% @ 120V
certification	ETL/cETL Listed, CE, NOM, ADA Compliant
power consumption	32W @ 120 - 277 VAC
dimming	Standard: Tri-Dim (UNV Only), 0-10V to 1% @ 120 - 277 VAC, TRIAC/EVL to 1% @ 120 VAC Only, Optional: 347 VAC (0.10V to 1%, Remote Driver)

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

FCW3800																	
SERIES	VOLTAGE		CCT		CRI		LUMENS		FINISH	OPTIONS	BATTERY BACKUP						
FCW3800	UNV ¹	120 - 277 VAC		3K	3000K	CRI85	85 CRI		14L	1414 lm @15W	BKE	Black	F ³	Fused Line (For Driver Only)	BBUR ⁵	Battery Backup Remote (Indoor)	
	347V ²	347 VAC (Remote)		35K	3500K		20L	1993 lm @ 22W		BRE	Bronze		SP20 ⁴	20kV Surge Protector			
				4K	4000K			26L	2619 lm @ 32W		GRE	Graphite Grey					
											SLE	Silver					
										WHE	White						
										CCE	Custom Color					DRR ⁵	LED Driver Only Remote (Indoor)
																DRX ⁶	LED Driver Only Remote (Outdoor)

¹ Tri-Dim (UNV Only); 0-10V to 1% at 120-277 VAC; TRIAC/ELV to 1% at 120 VAC only

² (0-10V to 1%, remote driver)

³ 1 Fuse with LED Driver, 2 Fuses w/ BBUR & BBUX Options

⁴ 1 SP20 with LED Driver, 2 SP20 w/ BBUR & BBUX Options

⁵ 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)

⁶ 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>	
diameter	13.3" H	surface mount width	7.87" W
depth	2.1" D	j-box mount width	3.5" W

mounting holes: attach directly to octagonal junction box or surface

FRONT VIEW

SIDE VIEW

BACK VIEW

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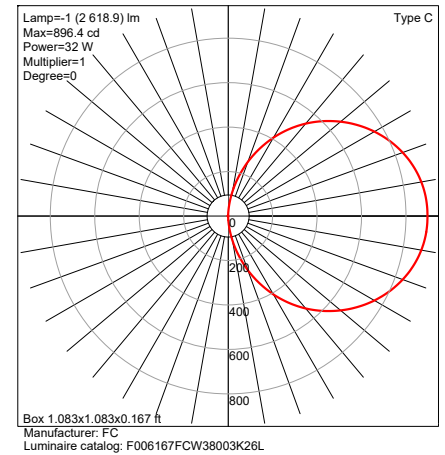
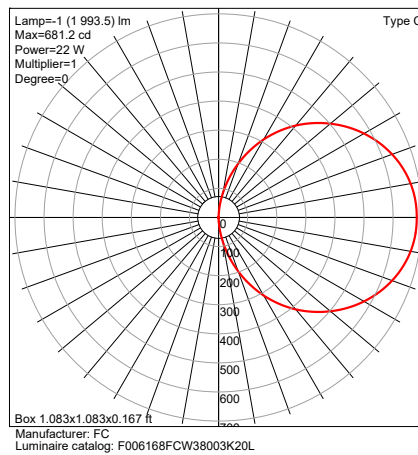
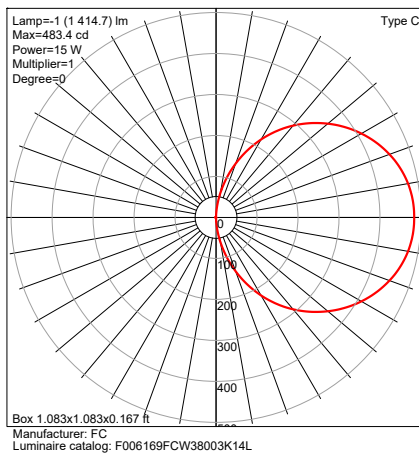
Photometry

LUMENS

Model	Watts	3K	4K
FCW3800	15W	1414 lm	1414 lm
FCW3800	22W	1993 lm	1993 lm
FCW3800	32W	26190 lm	26190 lm

CCT Multiplier (CRI85)	
CCT	Multiplier
3000K	1.00
3500K	1.02
4000K	1.06

PHOTOMETRICS



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