



FCW3612p



Date: _____

Type: _____

Fixture: _____

Project: _____

Approved:

FCW3612p Exterior Decor is a small slim profile, die-cast aluminum 12 inch round fixture and is IP65 rated. This ADA compliant, easy to install fixture has an impact resistant lens and provides ample lighting for ceiling, wall or surface mounting. It offers finish options and color temperatures to support a wider variety of application specifications.

SPECIFICATIONS

EOL

PHYSICAL

lengths/dimensions	fixture: 11.82" Ø x 1.97" D
weight	1.5 lbs
housing	marine grade, corrosion resistant, heavy gauge high pressure die cast aluminum
lens	impact and vandal resistant, UV stabilized, white opal, polycarbonate
mounting	ceiling, wall or surface mount applications: mounting holes allow unit to be attached directly to octagonal junction box
ingress protection	IP65 Rated. Suitable for wet, damp or dry location application, with extruded silicone gasket to seal out contaminants
finish	six stage chemical iron phosphate substrate pre-treatment process with UV stable, polyester powder coat

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K
lumen output	2960 lm			
lifetime	> 70,000 hours / L70 or better			
color consistency	3-Step McAdam Ellipse / standard: CRI ≥ 85 optional: CRI ≥ 90 CRI			
temperature	operating: -13°F to 104°F (-25°C to 40°C) start up: -13°F to 104°F (-25°C to 40°C) storage: -40°F to 176°F (-40°C to 80°C)			
junction temperature	73°C @ T ^A 25°C			
warranty	5 year limited warranty (refer to website for details)			

ELECTRICAL

input voltage	standard: Universal 120-277VAC optional: 347VAC (remote only)
power supply	integral Class II, electronic high-power factor > 94% @120V
certifications	CEC Title 24 JA8 compliant (only 90CRI complies), ADA Compliant
standards	IES LM-79 / LM-80
power consumption	31W @ 120V
dimming interface	standard: 0-10V (10%) optional: ELV (120V only)/DMX (remote only)/DALI (remote only)

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.

FCW3612p



Ordering Information

ORDERING INFORMATION

FCW3612p								
SERIES	VOLTAGE	SOURCE/TEMPERATURE/LAMP	CRI	FINISH	OPTIONS & ACCESSORIES			
FCW3612p	UNV	Universal 120V-277V AC	LED	27K	2960 Lumens (28W)	CRI85 85 CRI	BK Black	LD 0-10V Dimming (10%)
	347V	347V (remote)		3K		CR85 Standard	BZ Bronze	LED Dimming Standard
				35K		CRI90 90 CRI	CC Custom Color	ELV* ELV Dimming* (120V only)
				4K			SL Silver	DMX DMX Dimming (remote only)
							WH White	DALI DALI Dimming (remote only)
								BBU Battery Backup (remote only)
								* consult factory for lead time

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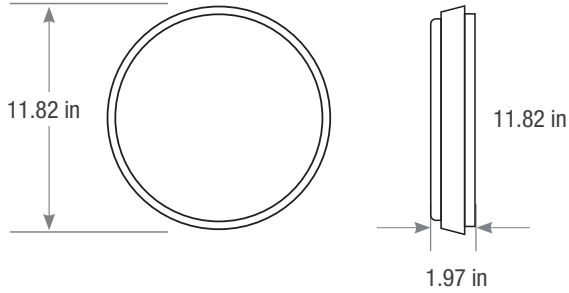
FCW3612p



Dimensions

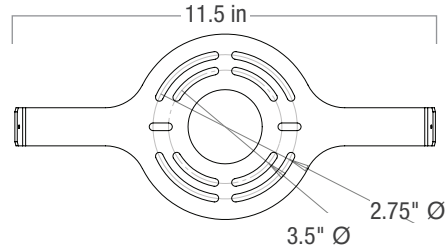
PRODUCT DIMENSIONS - STANDARD PRODUCT

width	11.82" Ø
depth	1.97" D



MOUNTING - *j-box sold by others*

mounting plate width	11.5" W
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11.5 inch mounting plate:
mounts flush to surface,
included with fixture.

3.5" or 2.75" mounting diameter

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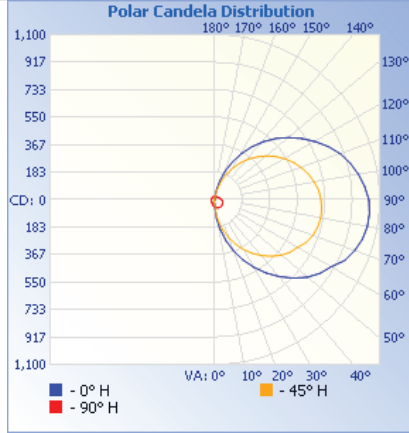
Photometry

OPTICAL DISTRIBUTION

lumen output	2964 Lm @ 4000K
power consumption	31W

Illuminance at a Distance		
	Center Beam fc	Beam Width
1.7ft	17.2 fc	4.8 ft 4.9 ft
3.3ft	4.57 fc	9.3 ft 9.6 ft
5.0ft	1.99 fc	14.1 ft 14.5 ft
6.7ft	1.11 fc	18.9 ft 19.4 ft
8.3ft	0.72 fc	23.4 ft 24.1 ft
10.0ft	0.50 fc	28.2 ft 29.0 ft

■ Vert. Spread: 109.3°
■ Horiz. Spread: 110.9°



iti illuminations testing laboratory: Report #2313

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