

FCW1036



Date:

Type:

Luminaire:

Project:

Approved:

FCW1036 Architectural trapezoidal design, Directional Wall luminaire is a functional IP65 rated down light. Corrosion resistant, die-cast aluminum construction, this luminaire provides ample illumination for damp, dry or wet areas.

SPECIFICATIONS

PHYSICAL

dimensions	16.6" W at lens, 14" W at top x 7.17" H x 9.20" Deep
beam spread	Spot-15°, Narrow Flood-35°, Flood-60°, Wide Flood-90°
weight	10 lbs
housing	Marine grade, corrosion resistant, heavy gauge aluminum
lens	Impact resistant, clear, tempered glass. Precision formed semi-specular aluminum for maximum reflectance.
mounting	Mounts directly to standard junction box; masonry applications use four (4) 0.25" x 0.75" screws with lead anchors (fasteners not included, j-box by others)
ingress protection	IP65: dry, damp or wet locations 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, 5,000 hour salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	2700K, 3000K, 3500K, 4000K
lumen output	1000 lm, 1500 lm, 2000 lm, 2500 lm, 3000 lm, 4300 lm (4K only)
BUG rating	B3 - U0 - G0
lumen maintenance	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)
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 90CRI qualifies)
standards	UL1598/CSA C22.2 No. 250.0; UI 8750/CSA C22.2 No. 250.13/IES LM-79/LM-80
power consumption	43W Max @ 120 - 277 VAC
dimming	standard: 0-10V (1%), optional: ELV (120 VAC only) / DMX (integral) / DALI (integral)



Ordering Information

ORDERING INFORMATION

FCW1036							
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTICS	OPTIONS
FCW1036	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	10L 1000 lm (10W)	BKE Black	SP Spot	LD 0-10V Dimming (1%) (Standard)
	120V 120 VAC (PE Option)	3K 3000K	CRI90 90 CRI	15L 1500 lm (15W)	BRE Bronze	NFL Narrow Flood	ELV* ELV Dimming *(120V only)
	277V 277 VAC (PE Option)	35K 3500K		20L 2000 lm (20W)	GRE Graphite Grey	FL Flood	DMX DMX Dimming (Integral)
	347V 347 VAC (Integral)	4K 4000K		25L 2500 lm (25W)	SLE Silver	WFL Wide Flood	DALI DALI Dimming (Integral)
				30L 3000 lm (30W)	WHE White		PE120 Photo Eye for 120V (Not w/BBUR)
				43L 4300 lm (43W)*	CCE Custom Color		PE277 Photo Eye for 277V (Not w/BBUR)

* (4K Only)

REMOTE DRIVER & BATTERY BACKUP

FCW1036R							
SERIES	VOLTAGE	CCT	CRI	LUMENS	FINISH	OPTICS	OPTIONS
FCW1036R [†]	UNV 120 - 277 VAC	27K 2700K	CRI85 85 CRI (Standard)	10L 1000 lm (10W)	BKE Black	SP Spot	LD 0-10V Dimming (1%) (Standard)
		3K 3000K	CRI90 90 CRI	15L 1500 lm (15W)	BRE Bronze	NFL Narrow Flood	BBUR ¹ Battery Backup Remote (Indoor)
		35K 3500K		20L 2000 lm (20W)	GRE Graphite Grey	FL Flood	BBUX ² Battery Backup Remote (Outdoor)
		4K 4000K		25L 2500 lm (25W)	SLE Silver	WFL Wide Flood	DRR ¹ LED Driver Only Remote (Indoor)
				30L 3000 lm (30W)	WHE White		DRX ² LED Driver Only Remote (Outdoor)
				43L 4300 lm (43W)*	CCE Custom Color		

* (4K Only)

[†] 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°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

² Battery Back-up & LED Driver Remote (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

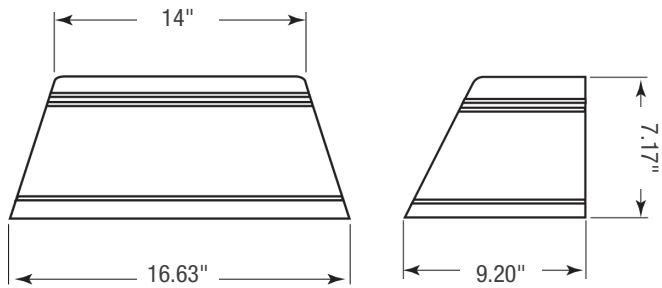




Dimensions

PRODUCT DIMENSIONS - STANDARD PRODUCT

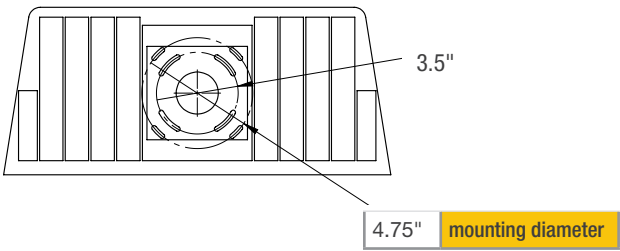
width (top)	14" W
width (lens)	16.63" W
height	7.17" W
depth	9.20" D



MOUNTING - *j-box sold by others*

mounting cleat width	4" W
mounting cleat height	10" H

mounting cleat:
mounts flush to j-box
surface and is included
with luminaire

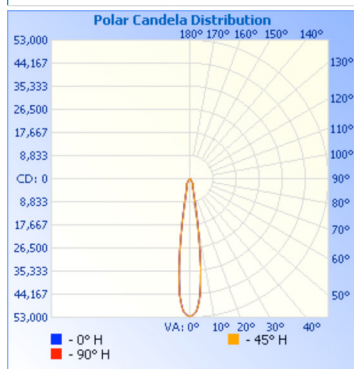




Photometry

SPOT DISTRIBUTION

beam spread | 15°



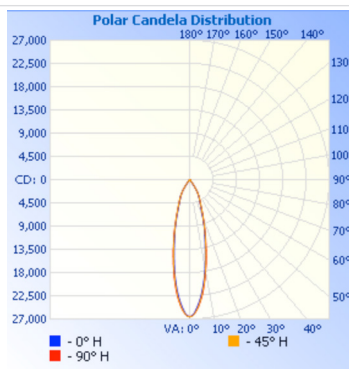
Illuminance at a Distance		
Center Beam fc	Beam	
1.7ft	18,183 fc	0.5
3.3ft	4,826 fc	1.0
5.0ft	2,102 fc	1.5
6.7ft	1,171 fc	2.0
8.3ft	763 fc	2.4

Beam Angle: 16.6° / Field Angle: 31.1°

itl illuminations testing laboratory:
Report #3492

NARROW FLOOD DISTRIBUTION

35°



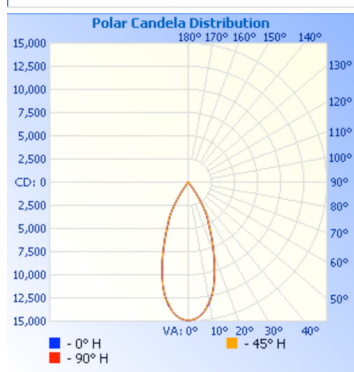
Illuminance at a Distance		
Center Beam fc	Beam Width	
1.7ft	9,190 fc	0.8 ft
3.3ft	2,439 fc	1.5 ft
5.0ft	1,062 fc	2.3 ft
6.7ft	592 fc	3.1 ft
8.3ft	386 fc	3.9 ft
10.0ft	266 fc	4.7 ft

Beam Angle: 26.6° / Field Angle: 64.4°

itl illuminations testing laboratory:
Report #3493

WIDE FLOOD DISTRIBUTION

beam spread | 90°



Illuminance at a Distance		
Center Beam fc	Beam Width	
1.7ft	1,001 fc	1.8 ft
3.3ft	266 fc	3.5 ft
5.0ft	116 fc	5.3 ft
6.7ft	64.4 fc	7.1 ft
8.3ft	42.0 fc	8.8 ft
10.0ft	28.9 fc	10.6 ft

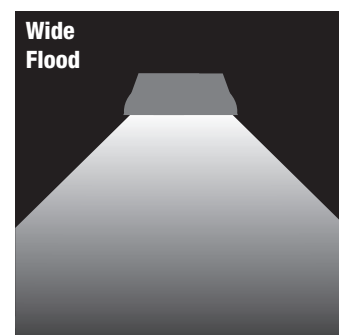
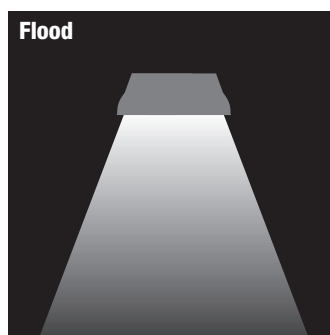
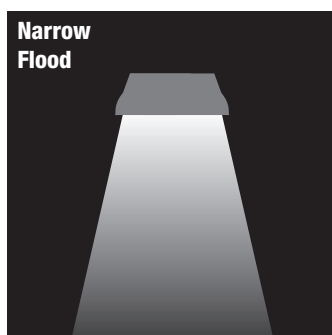
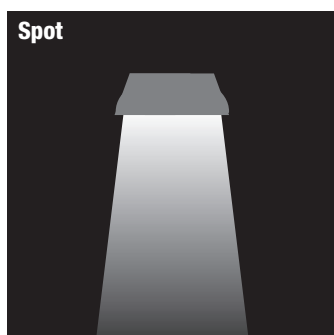
Beam Angle: 16.6° / Field Angle: 31.1°

itl illuminations testing laboratory:
Report #3492

lumen output	4305 lm @ 4000K
power consumption	43W

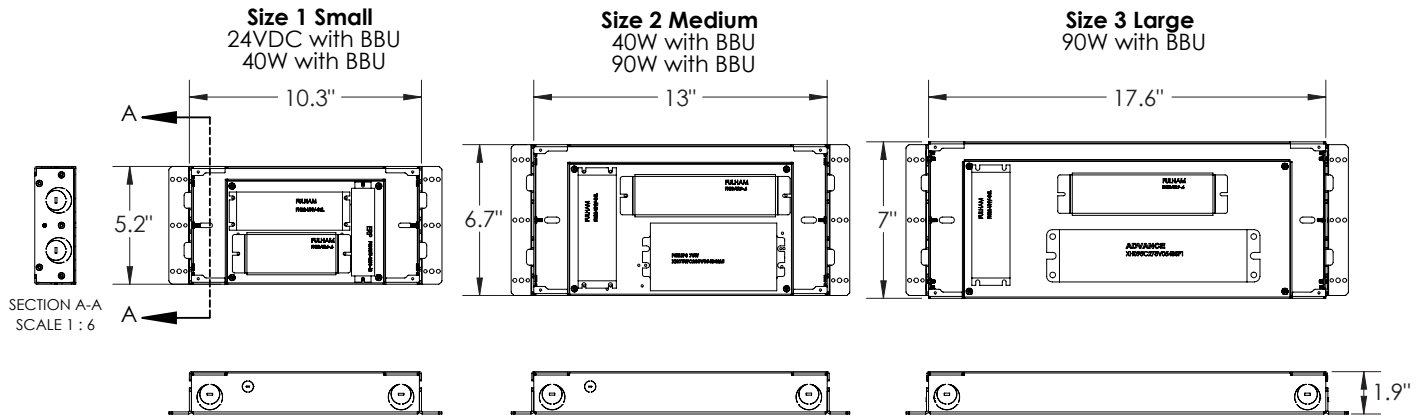
FCW1036

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BATTERY BACK-UPS

BBUR - BATTERY BACK-UP & LED DRIVER REMOTE (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)



BBUX - BATTERY BACK-UP & LED DRIVER REMOTE (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

