

FCBT690



Date:

Type:

Luminaire:

Project:

Approved:

FCBT690 Exterior die-cast aluminum bollard with right angle head position tower. Available in 36" and 42" height. Designed and built to illuminate the ground and/or pathways safely without glare. **FCBT690** has an extremely wide-throw beam pattern covering 30'–35' wide and still measuring greater than 1 foot candle. It also has a forward throw of approximately 14 feet. Matches up with FCBT690S, 24" high version.

SPECIFICATIONS

PHYSICAL

dimensions	36"H or 42"H x 8"W x 9"D at top (3"D at base)
weight	12 lbs
housing	Marine grade, corrosion resistant, heavy gauge aluminum
lens	Impact resistant, UV stabilized, clear, polycarbonate diffuser
mounting	Heavy wall base bracketing for bollard installation provides a unique mounting solution, so the tower body anchors flush to the ground without the appearance of a base plate, anchor bolts included. Allows for two conduit feeds for in and out wiring.
ingress protection	IP65: dry, damp, or wet locations, GFCI Option: NEMA 3R rated
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 (typical)	500 lm, 1000 lm, 1400 lm, 1900 lm
lumen maintenance	L70 > 70,000 hours
color consistency	3 SDCM / 85 CRI
operating temperature	-49°F to 104°F (-45°C to 40°C)
warranty	5-Year limited warranty

ELECTRICAL

input voltage	Universal 120 - 277 VAC, optional: 347 VAC, 480 VAC
power supply	Integral Class II, electronic, high power factor > 94% @ 120V
certification	ETL/cETL Listed
standards	UL1598 / CSA C22.2 No. 250.0; UI 8750 / CSA C22.2 No. 250.13 / IES LM-79 / LM-80
power consumption	7W (500 lm) minimum, 37W (1900 lm) maximum
dimming	standard: Tri-dim, optional: 0-10V (10%) / DMX / DALI
GFCI	GFCI receptacle, self-test, 20A 125V, 2-pole 3-wire grounding, 5-20R, NEMA 3R rated

Due to continuous development and improvements, specifications are subject to change without notice.
Product use certifies agreement to FC Lighting terms and conditions.

Ordering Information



ORDERING INFORMATION

SERIES	VOLTAGE	HEIGHT	COLOR	LUMENS (typical)	FINISH	DIMMING	OPTIONS
FCBT690	UNV 120 - 277 VAC	36 36"	827 (85CRI) 2700K	19L 1900 lm (37W)	BKE Black	TD Tri-Dim (1%, 0-10V, 120 - 277 VAC), (1%, TRIAC & ELV, 120 VAC Only)	CD Cane Detector
	120V 120 VAC	42 42"	830 (85CRI) 3000K	14L 1400 lm (22W)	BRE Bronze	LD 0-10V Dimming (347V, 480V Only)	SP20 20kV Surge Protector
	347V 347 VAC (LD Only)		835 (85CRI) 3500K	10L 1000 lm (16W)	GRE Graphite Grey	DMX DMX Dimming (Integral)	BBU Battery Backup, Integral (Not w/ ELV)
	480V 480 VAC (LD Only)		840 (85CRI) 4000K	5L 500 lm (7W)	SLE Silver	DALI DALI Dimming (Integral)	SP20-BBU (2) 20kV Surge Protectors (1/ LED Driver, 1/BBU) and Battery Backup (Integral)
					WHE White		HS 180° House Shield
					CCE Custom Color		HS2 270° House Shield
				HS¹ - 180° House Shield			LAB¹ Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit
				16L 1600 lm (37W)			GFCI1^{2,4,5} Single Gang 20A 125V Outlet Receptacle (120V Only)
				11L 1100 lm (22W)			GFCI2^{3,4,5} Double Gang 20A 125V Outlet Receptacle (120V Only)
				8L 850 lm (16W)			
				4L 400 lm (7W)			
				HS2² - 270° House Shield			
				9L 950 lm (37W)			
				6L 650 lm (22W)			
				5L 500 lm (16W)			
				2L 250 lm (7W)			

ANCHOR BOLT KITS

A00690

Anchor Bolt Kit - Complete Anchor Bolt Kit shipped in advance of luminaire.

¹ **Note:** Luminaire must be mounted into FC Lighting supplied Anchor Bolt Kit shipped with or separate of luminaire.

² **Note:** All Paint COLOR to match GFCI outlet color except Black housing which uses a Bronze GFCI.

³ **Note:** Double Gang GFCI COVER ONLY available in Silver for all finish options.

⁴ **Note:** BBU Option not available with GFCI Option.

⁵ **Note:** 120 VAC only.

Consult Factory for other options and configurations.

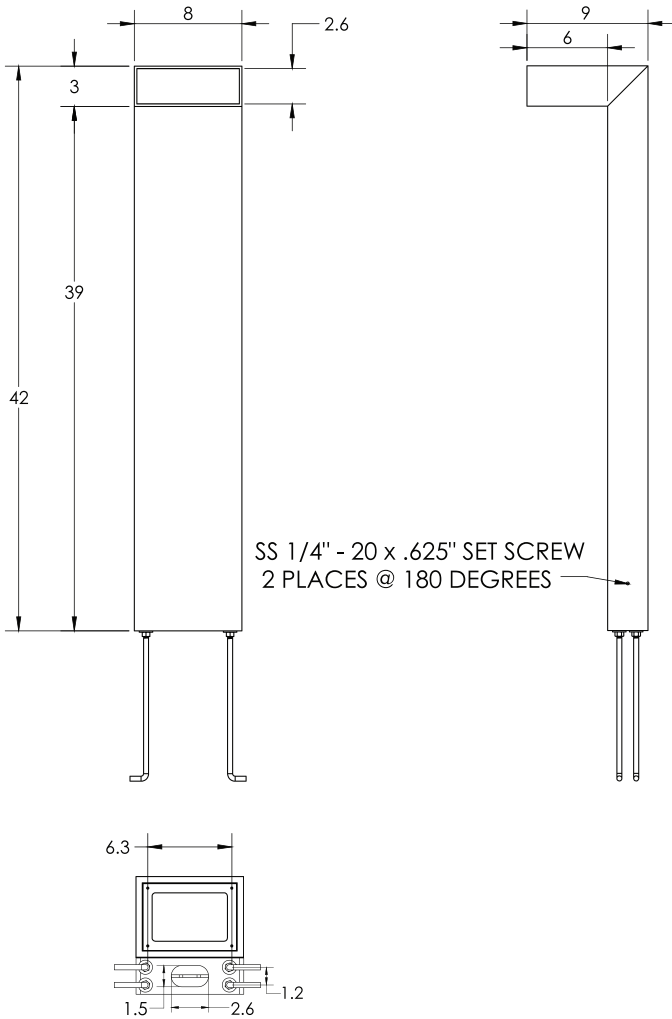
To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical requirements.

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Physical



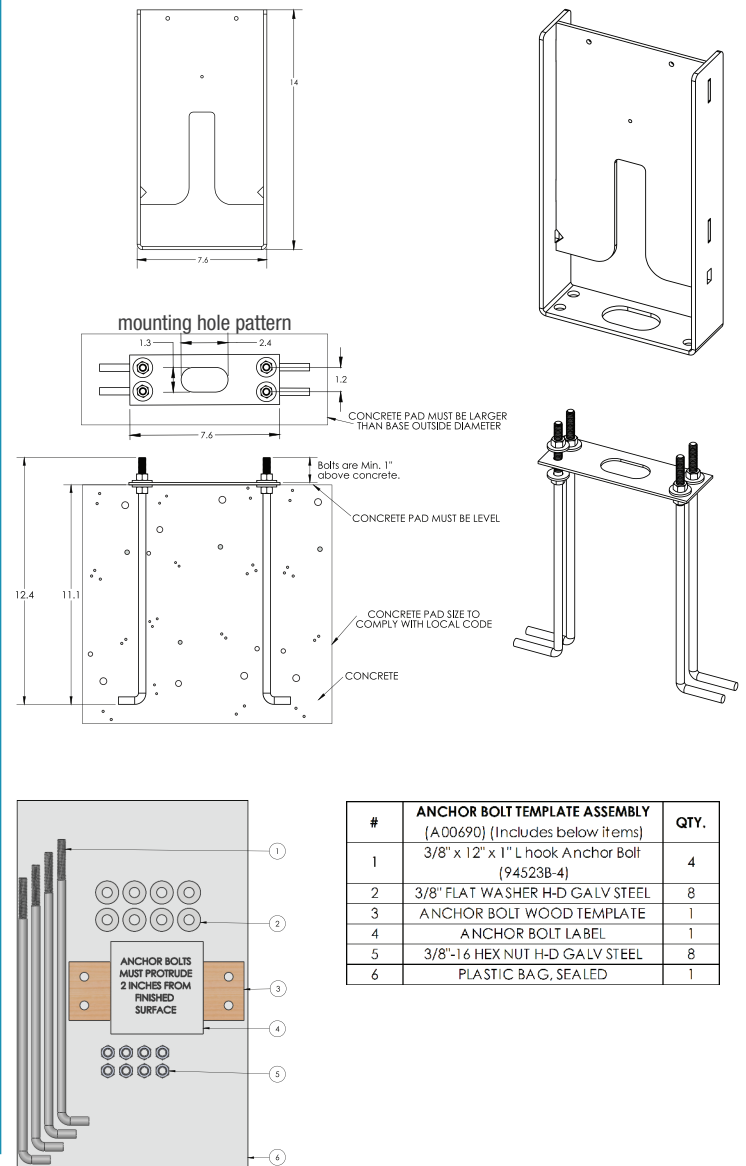
PRODUCT DIMENSIONS - STANDARD PRODUCT



MOUNTING

Mounting Plate Size	7.6" x 3"
Anchor Bolt Template Assembly	A00690

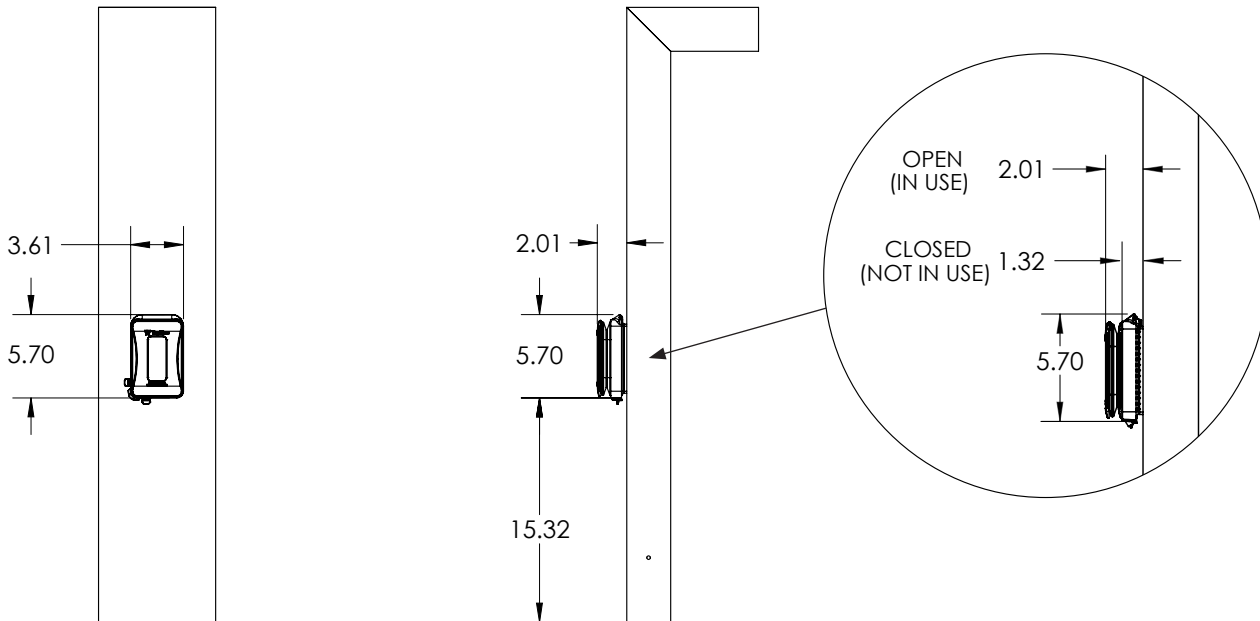
(Includes the below items listed)



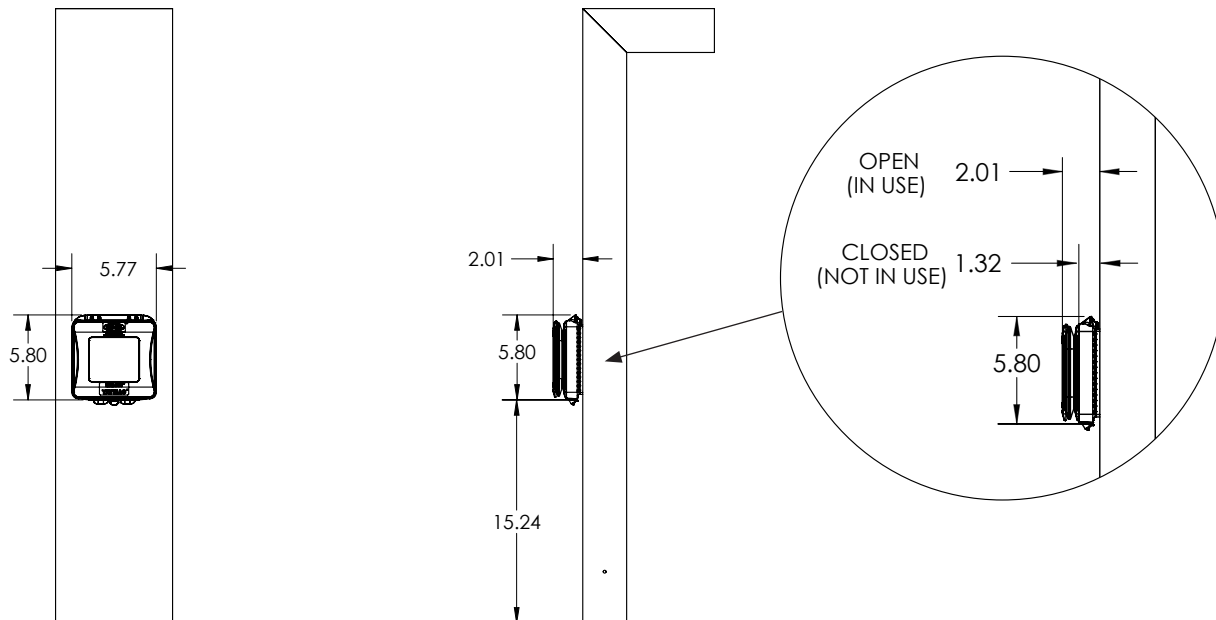
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PRODUCT DIMENSIONS - SINGLE GANG GFCI OPTION



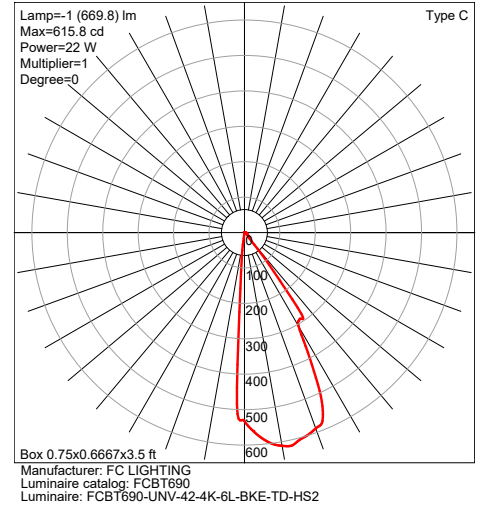
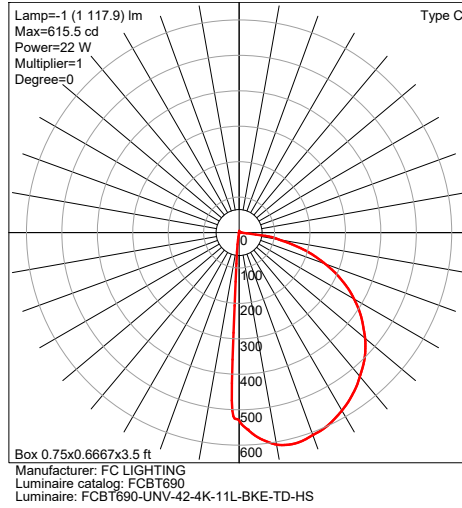
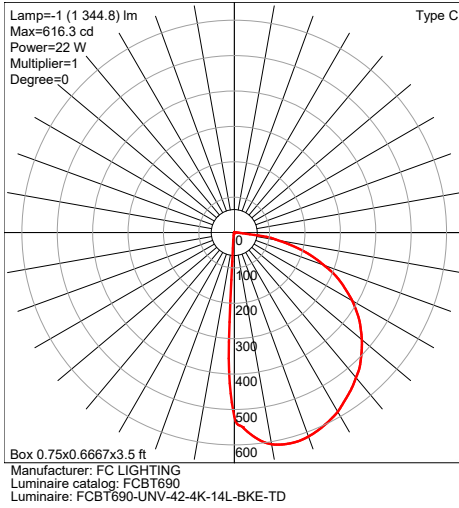
PRODUCT DIMENSIONS - DOUBLE GANG GFCI OPTION



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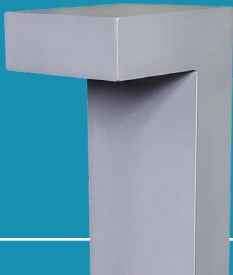


OPTICAL DISTRIBUTION



COLOR	IES MULTIPLIER
827	0.93
830	0.95
835	0.99
840	1.00

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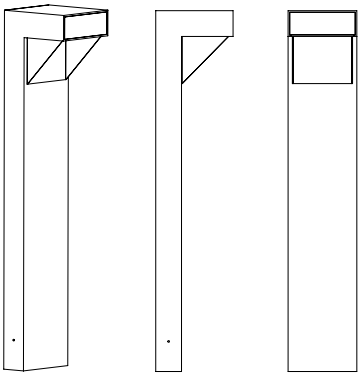


Accessories

OPTIONS

FIND IES FILES ON FCLIGHTING.COM

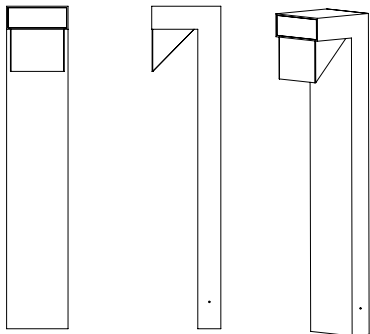
HS - House Shield that blocks light out the sides



Use the 180° House Side Shield (HS) to protect beach side areas where luminaires are installed.

HS Height: 5.5" H

HS2 - House Shield that blocks light out the front



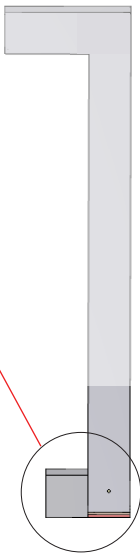
Use the (HS2) front House Shield to protect beach side areas where luminaires are installed.

HS Height: 5.5" H

CD - Cane Detector

foot depth	add 3" D at column base
foot width	8" W

SHOWS FCBT690
W/ CANE DETECTION



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 US Commercial Lighting Manufacturer Since 1982

Specification Sheet