



Date: _____

Type: _____

Fixture: _____

Project: _____

Approved:

FCBT690S Exterior die-cast aluminum bollard with right angle head position tower. 24" high, making this bollard a lower profile version in the FCBT690 family. Designed and built to illuminate the ground and/or pathways safely without glare. **FCBT690S** has an wide-throw beam pattern covering 22'–26' wide and still measuring greater than 1 foot candle. It also has a forward throw of approximately 12 feet.

SPECIFICATIONS

PHYSICAL

dimensions	24"H x 5"W x 6.5"D at top (2"D at base)
weight	8 lbs
housing	marine grade, corrosion resistant, heavy guage aluminum
lens	impact resistant, UV stabilized, clear, polycarbonate diffuser
mounting	heavy gauge 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 (j-box by others)
ingress protection	IP66: dry, damp, or wet locations with extruded silicone gasket to seal out contaminants
finish	Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	2700K	3000K	3500K	4000K
lumen output	765 lm			
lifetime	> 70,000 hours / L70 or better			
color consistency	3 SDCM / 85CRI			
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 (refer to website for details)			

ELECTRICAL

input voltage	Universal 120-277VAC optional: 347 VAC (integral)
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	14W @ 120V - 277V
dimming	standard: 0-10V (10%) optional: ELV (120V only)/DMX (integral) / DALI (integral)

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

FCBT690S		24		8L		
SERIES	VOLTAGE	HEIGHT	CCT	LUMENS	FINISH	OPTIONS
FCBT690S	UNV UNV 120V-277V	24 24"	27K 2700K	8L 765 lm (14W)	BK Black	LD 0-10V Dimming (Standard)
	347V 347V AC (<i>Integral</i>)		3K 3000K		BZ Bronze	ELV ELV Dimming (120 only)
			35K 3500K		SL Silver	DMX DMX Dimming (<i>integral</i>)
			4K 4000K		WH White	DALI DALI Dimming (<i>integral</i>)
			CC Custom Color	SP20 20kV Surge Protector		
					BBU Battery Backup (<i>Integral</i>)	
					SP20-BBU (2) 20kV Surge Protectors (1/LED driver, 1/BBU) and Battery Backup (<i>Integral</i>)	
					HS 180° House Shield	
					HS2 270° House Shield	

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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US Commercial Lighting Manufacturer Since 1982

Specification Sheet



Physical

PRODUCT DIMENSIONS - STANDARD PRODUCT		MOUNTING	
height	24" H	mounting plate depth	2" D
width	5" W	mounting plate width	5" W
depth	6.5" D top	anchor bolt size	3/8"Ø x 12"L x 2" Tang
depth	2" D base		

Anchor Bolt Part # 94523B-4

Quantity Required 4 for each bollard

mounting hole pattern

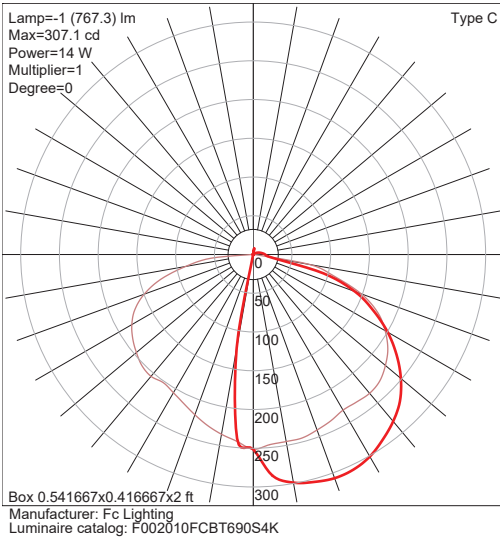
Bollard uniquely attaches flush at the base to the mounting surface with no visual sign of a base plate.

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Photometry & Accessories

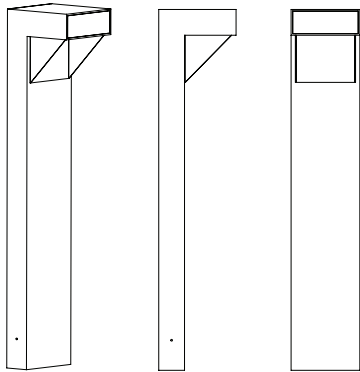
OPTICAL DISTRIBUTION



ACCESSORIES

FIND IES FILES ON FCLIGHTING.COM

HS - House Shield that blocks light out the sides

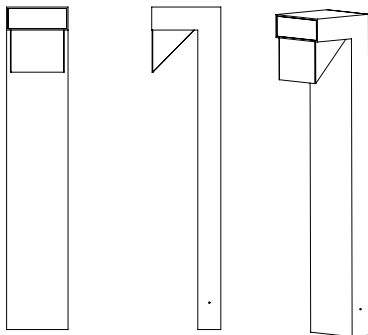


Use the 180° House Side Shield (HS) to protect beach side areas where fixtures are installed.

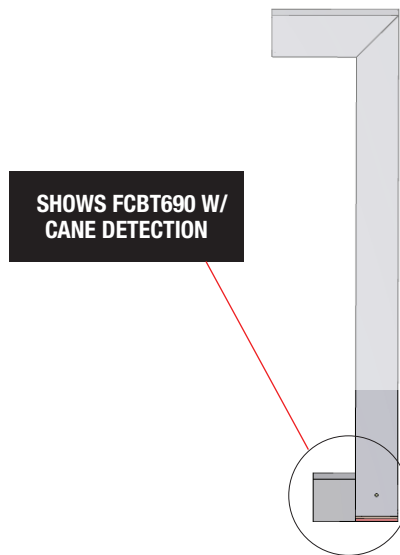
CD - Cane Detector

foot depth	add 3" D at column base
foot width	5" W

HS2 - House Shield that blocks light out the front



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



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