

## FCB8C-36L02



**Date:**

**Type:**

**Fixture:**

**Project:**

**Approved:**

**FCB8C-36L02** Exterior die-cast aluminum, 8" nominal diameter bollard with a 360° window and 2" high lens.

### SPECIFICATIONS

#### PHYSICAL

<b>dimensions</b>	39.5" H x 7.87" Ø
<b>weight</b>	18 lbs
<b>housing</b>	Marine grade, corrosion resistant, heavy gauge extruded aluminum
<b>lens</b>	Impact resistant, UV stabilized, opal, polycarbonate diffuser
<b>mounting</b>	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
<b>ingress protection</b>	IP66: dry, damp, or wet locations
<b>finish</b>	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 Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

#### PERFORMANCE

<b>color temperature</b>	2700K	3000K	3500K	4000K
<b>lumen output</b>	1333	1465	1538	1610
<b>lumen maintenance</b>	L70 >70,000 hours			
<b>color consistency</b>	3 SDCM   85CRI			
<b>operating temperature</b>	-13°F to 104°F (-25°C to 40°C)			
<b>warranty</b>	5-Year limited warranty			

#### ELECTRICAL

<b>input voltage</b>	Universal 120 - 277 VAC   optional: 347 VAC   480 VAC
<b>power supply</b>	Integral Class II, electronic, high power factor > 94% @ 120V
<b>certification</b>	ETL/cETL Listed
<b>standards</b>	UL1598 / CSA C22.2 No. 250.0; UI 8750 / CSA C22.2 No. 250.13 / IES LM-79 / LM-80
<b>power consumption</b>	28W @ 120 - 277 VAC (maximum)
<b>dimming</b>	0-10V (10%)

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

FCB8C-36L02				39				16L							
Series		Voltage		Height		CCT		LUMENS		Finish		Options			
FCB8C-36L02	UNV	UNV 120 - 277 VAC		39	39.5"	27K	2700K		16L	1610 lm (28W)		BKE	Black	LD	0-10V Dimming (Standard)
	347V	347 VAC				3K	3000K			BRE	Bronze	SP20	20kV Surge Protector		
	480V	480 VAC				35K	3500K			GRE	Graphite Grey	BBU	Battery Backup (Integral)		
	120V	120 VAC (Photo Eye)				4K	4000K			SLE	Silver	SP20-BBU	(2) 20kV Surge Protectors (1/LED Driver, 1/BBU) and Battery Backup (Integral)		
	277V	277 VAC (Photo Eye)						WHE		White					
										CCE	Custom Color	PE120	Photo Eye for 120 VAC		
								PE277	Photo Eye for 277 VAC						
												LAB¹	Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit		

## ANCHOR BOLT KITS

### A00836

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

<sup>1</sup> **Note:** Fixture must be mounted into FC Lighting supplied Anchor Bolt Kit shipped with or separate of fixture.

## 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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## PRODUCT DIMENSIONS - STANDARD PRODUCT

Technical drawings of the standard product showing dimensions and callouts:

- Side View Dimensions:**
  - Total height: 39.50
  - Top flange thickness: 1.50
  - Top flange width: 7.87
  - Top flange offset: 1.61
  - Top flange height: 4.50
  - Main body height: 35.00
- Callouts:**
  - 316SS M5 × 0.8 mm SET SCREW 4 PLACES @ 90 DEGREES (top flange)
  - 316SS M5 × 0.8 mm SET SCREW 4 PLACES @ 90 DEGREES (main body)
- Top View Dimensions:**
  - Outer diameter: Ø 5.31
  - Inner diameter: Ø 1.97
  - Flange thickness: 3.76
  - Flange offset: 3.76
  - Flange hole diameter: Ø .35 (4 PLACES)

## MOUNTING

**Mounting Plate Diameter**

Ø 7.90"

**Anchor Bolt Template Assembly**

A00836

(Includes the below items listed)

Mounting diagrams showing the anchor bolt template assembly and concrete pad requirements:

- Mounting Hole Pattern:** Shows a circular pattern with four mounting holes (Ø 5) and a central hole (Ø 8). The mounting plate diameter is 7.90".
- Concrete Pad Requirements:**
  - CONCRETE PAD MUST BE LARGER THAN BASE OUTSIDE DIAMETER
  - CONCRETE PAD MUST BE LEVEL
  - CONCRETE PAD SIZE TO COMPLY WITH LOCAL CODE
  - CONCRETE
- Anchor Bolt Template Assembly:** Shows the assembly with four anchor bolts (3/8" x 12" x 2" L hook) and four hex nuts (3/8"-16) mounted on the concrete pad. The bolts are Min. 2" above concrete.

Diagram of the anchor bolt template assembly showing the mounting plate, concrete pad, and anchor bolts. The diagram includes a callout: "ANCHOR BOLTS MUST PROTRUDE 2 INCHES FROM FINISHED SURFACE".

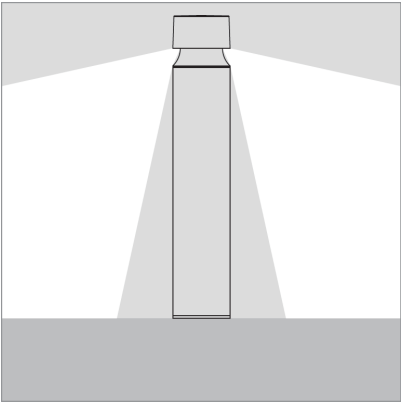
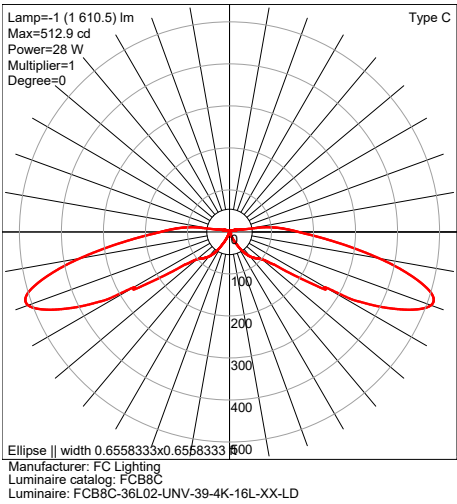
#	ANCHOR BOLT TEMPLATE ASSEMBLY (A00836) (Includes below items)	QTY.
1	3/8" x 12" x 2" L hook Anchor Bolt (X91603A 120)	4
2	3/8" FLAT WASHER H-D GALV STEEL	8
3	ANCHOR BOLT WOOD TEMPLATE	1
4	ANCHOR BOLT LABEL	1
5	3/8"-16 HEX NUT H-D GALV STEEL	8
6	PLASTIC BAG, SEALED	1

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# Photometry

## OPTICAL DISTRIBUTION



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 US Commercial Lighting Manufacturer Since 1982

Specification Sheet