

FCB8C-36L02



Date:

Type:

Luminaire:

Project:

Approved:

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

SPECIFICATIONS

PHYSICAL

| | |
|--------------------|--|
| dimensions | 39.5" H x 7.87" Ø |
| weight | 18 lbs |
| housing | Marine grade, corrosion resistant, heavy gauge extruded aluminum |
| lens | Clear, heat resistant, tempered glass |
| 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 |
| ingress protection | IP66: dry, damp, or wet locations |
| 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 | 1333 lm, 1465 lm, 1538 lm, 1610 lm |
| lumen maintenance | L70 > 70,000 hours |
| color consistency | 3 SDCM, 85CRI |
| 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, 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 | 28W @ 120 - 277 VAC (maximum) |
| dimming | 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 |
| | | | | | | | LAB ¹ Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit |
| | | | | | | | TR Tamper Resistant Hardware |

ANCHOR BOLT KITS

A00836

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.

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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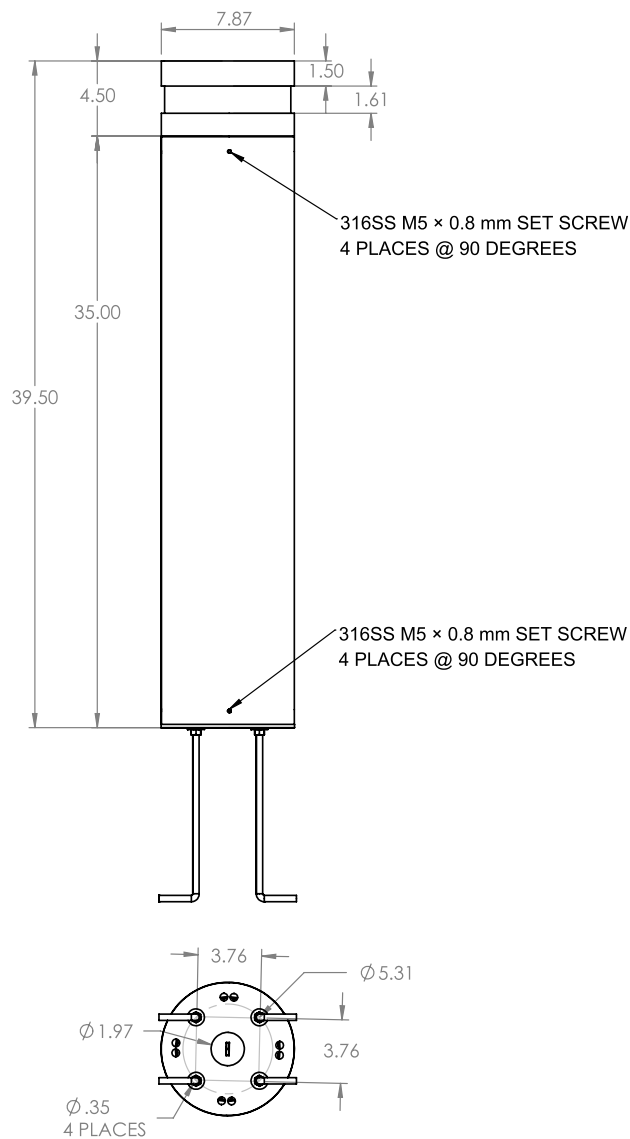
 US Commercial Lighting Manufacturer Since 1982

Specification Sheet



Physical

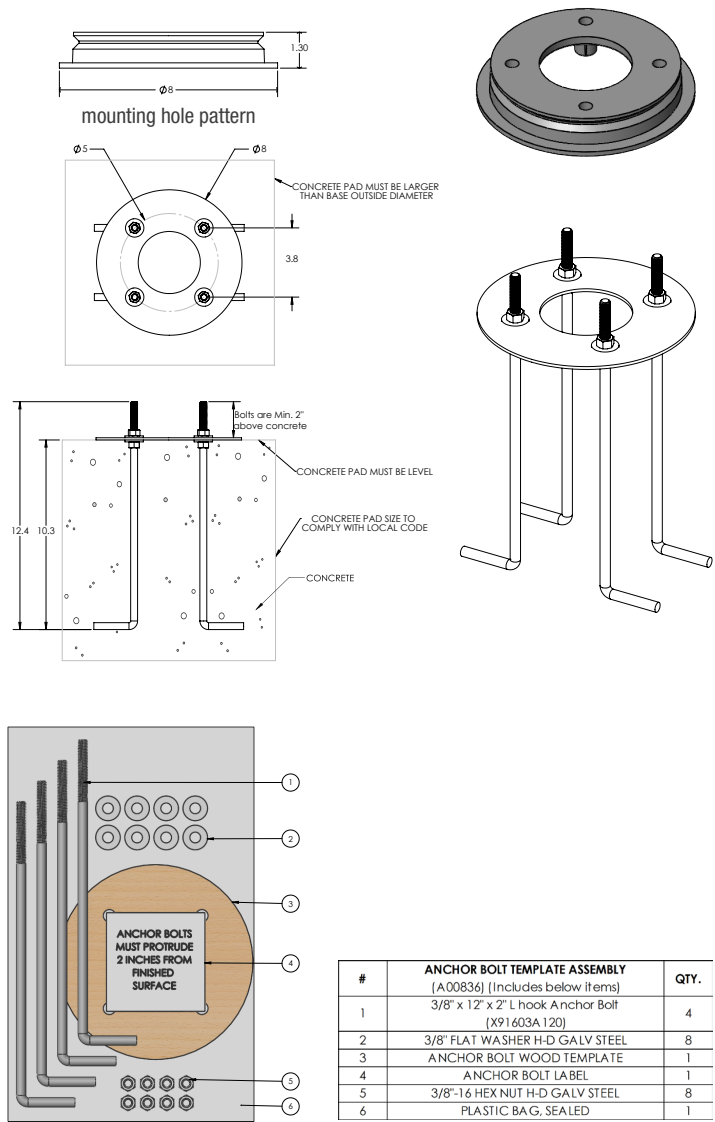
PRODUCT DIMENSIONS - STANDARD PRODUCT



MOUNTING

| | |
|-------------------------------|---------|
| Mounting Plate Diameter | Ø 7.90" |
| Anchor Bolt Template Assembly | A00836 |

(Includes the below items listed)

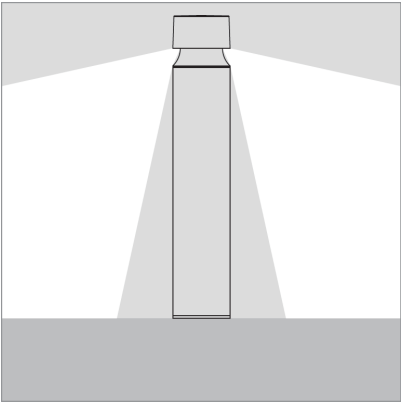
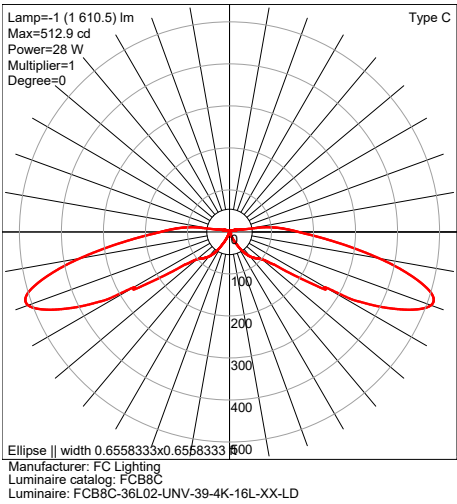


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Photometry

OPTICAL DISTRIBUTION



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Specification Sheet