

Date: _____

Type: _____

Luminaire: _____

Project: _____

Approved:

FCA5500



FCA5500 is an outdoor, vertical lighting pole luminaire. The 7.375" diameter round housing is marine grade, corrosion resistant, heavy walled aluminum. The housing fits precisely on top of the pole base, made of precision spun aluminum. The luminaire has an impact resistant, UV stabilized, white, polycarbonate diffuser. Most notable about the FCA5500 is it's long, linear image free and even light pattern. Also, its 360° light pattern makes it functional for open path lighting and surrounding areas.



SPECIFICATIONS

PHYSICAL

lengths/dimensions	luminaire diameter: 7.375", pole height 84" to 114" (specify custom height), luminaire top height: 49.5"
weight	head: 46 lbs (4 ft), pole: 67 lbs (114")
housing	Marine grade, corrosion resistant, heavy walled, high pressure die-cast aluminum with extruded pole
lens	Impact resistant, UV stabilized, opal diffuser
mounting	Heavy wall gravity molded base provides a robust mounting solution with idea flush mounted appearance at the base plate. Anchor bolts included.
ingress protection	ETL, U.S. and CA listed for wet location. IP65 Rating. CAL Green compliant.
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

lumen output	5600 lm (58W), 13800 lm (109W)
lumen maintenance	L70 > 70,000 hours
color consistency	Luminaires are tested to LM-80 with a CRI of 80+ and color consistency of 4 SDCM
temperature	operating: -13°F to 104°F (-25°C to 40°C), start up: -13°F to 104°F (-25°C to 40°C), storage: -40°F to 176°F (-40°C to 80°C)
warranty	5-Year limited warranty

ELECTRICAL

input voltage	Universal 120 - 277 VAC
power supply	Integral Class II, electronic high-power factor 99% @ 120V
controls	SSL ColourSelect, 3rd party DMX 512, RDM standard based control system
certification	ETL / cETL, FCC Part 15
standards	UL1598/CSA C22.2 No. 250.0; UI 8750/CSA C22.2 No. 250.13/IES LM-79/LM-80, UL-Class II
power consumption	Maximum 109W
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

SERIES	VOLTAGE	HEIGHT	COLOR	LUMENS	FINISH	OPTIONS
FCA5500	UNV					
FCA5500	UNV 120 - 277 VAC	84 84" Min 163 163.25" Max XXX (Custom, note in inches)	827 (80CRI) 27K 830 (80CRI) 3K 835 (80CRI) 35K 840 (80CRI) 4K	56L 5600 lm (58W) 138L 13800 lm (109W)	BKE Black BRE Bronze GRE Graphite Grey SLE Silver WHE White CCE Custom Color	LD 0-10V Dimming LAB¹ Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit

ANCHOR BOLT KITS

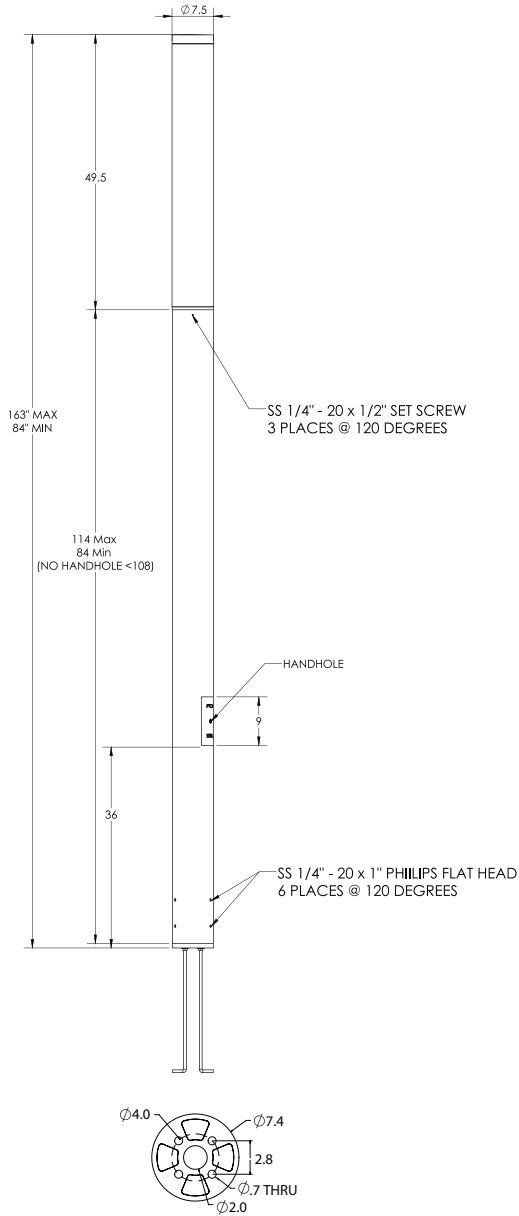
A05502 Anchor Bolt Kit - Complete Anchor Bolt Kit shipped in advance of fixture.
¹ **Note:** Fixture must be mounted into FC Lighting supplied Anchor Bolt Kit shipped with or separate of fixture.

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Physical

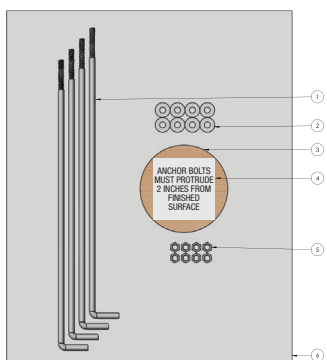
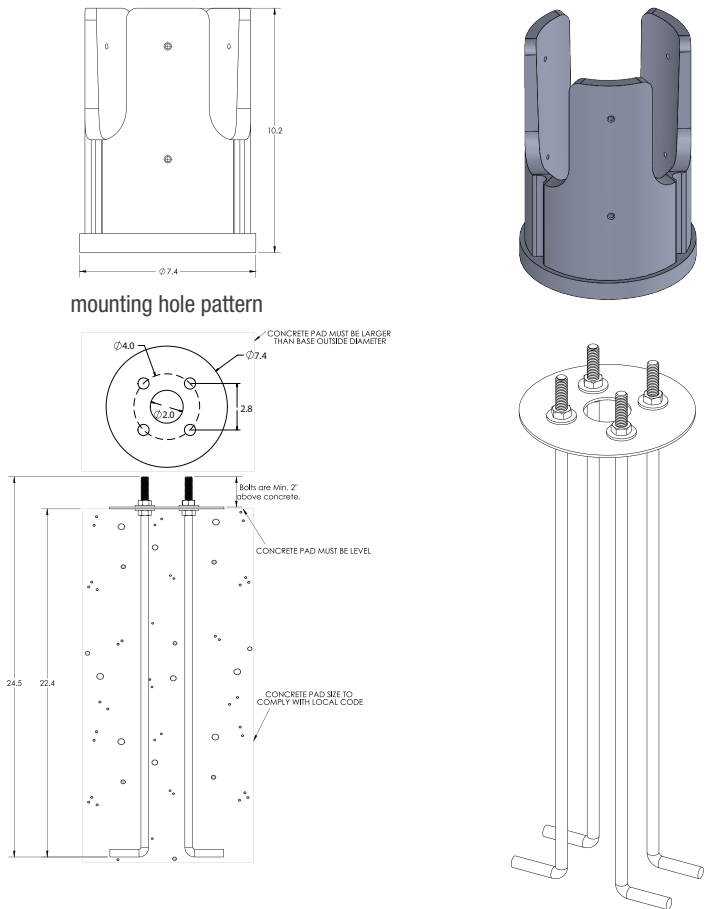
PRODUCT DIMENSIONS - STANDARD PRODUCT



MOUNTING

Mounting Plate Diameter	Ø 7.4"
Anchor Bolt Template Assembly	A05502

(Includes the below items listed)



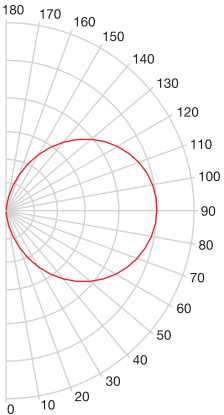
#	ANCHOR BOLT TEMPLATE ASSEMBLY (A05502) (Includes below items)	QTY.
1	1/2" x 24" x 2" L hook Anchor Bolt (91120)	4
2	1/2" FLAT WASHER H-D GALV STEEL	8
3	ANCHOR BOLT WOOD TEMPLATE	1
4	ANCHOR BOLT LABEL	1
5	1/2"-13 HEX NUT H-D GALV STEEL	8
6	PLASTIC BAG, SEALED	1

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Photometry

OPTICAL DISTRIBUTION



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 US Commercial Lighting Manufacturer Since 1982

Specification Sheet