

FCA5500



Date:

Type:

Luminaire:

Project:

Approved:

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, Optional: 347 VAC
power supply	Integral Class II, electronic high-power factor 99% @ 120 VAC
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

FCA5500											
SERIES	VOLTAGE		HEIGHT		COLOR		LUMENS		FINISH		OPTIONS
FCA5500	UNV	120 - 277 VAC	84	84" Min	827	(80CRI) 27K	56L	5600 lm (58W)	BKE	Black	LD 0-10V Dimming
	347	347 VAC	163	163.25" Max	830	(80CRI) 3K	138L	13800 lm (109W)	BRE	Bronze	LAB ¹ Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit
		(LD Only)	XXX	(Custom, note in inches. Range must be from 84-163 inches.)	835	(80CRI) 35K			GRE	Graphite Grey	
					840	(80CRI) 4K			SLE	Silver	
									WHE	White	
									CCE	Custom Color	

ANCHOR BOLT KITS

A05502

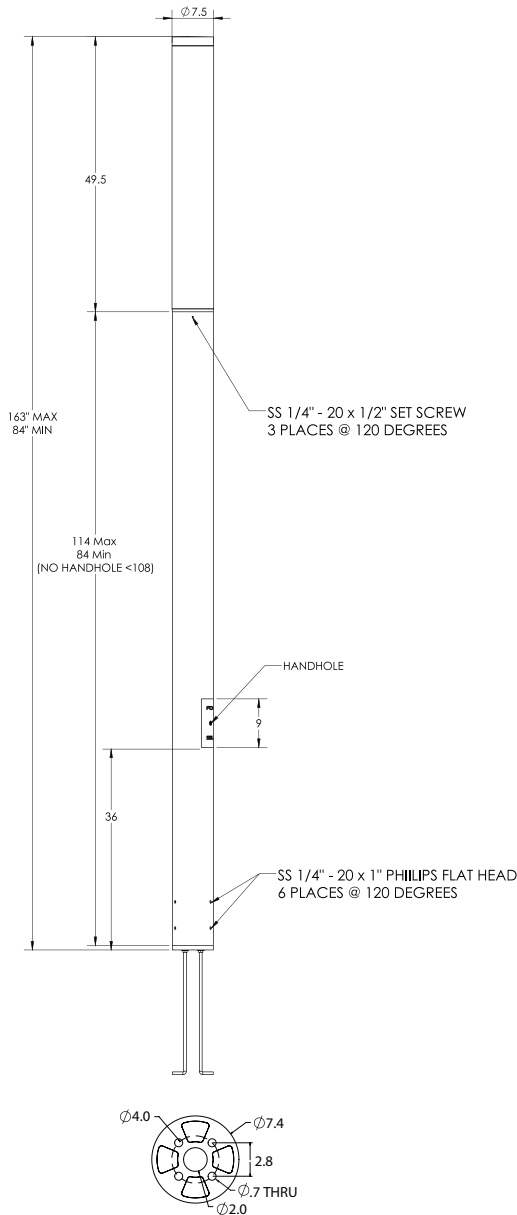
Anchor Bolt Kit - Complete Anchor Bolt Kit shipped in advance of luminaire.

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

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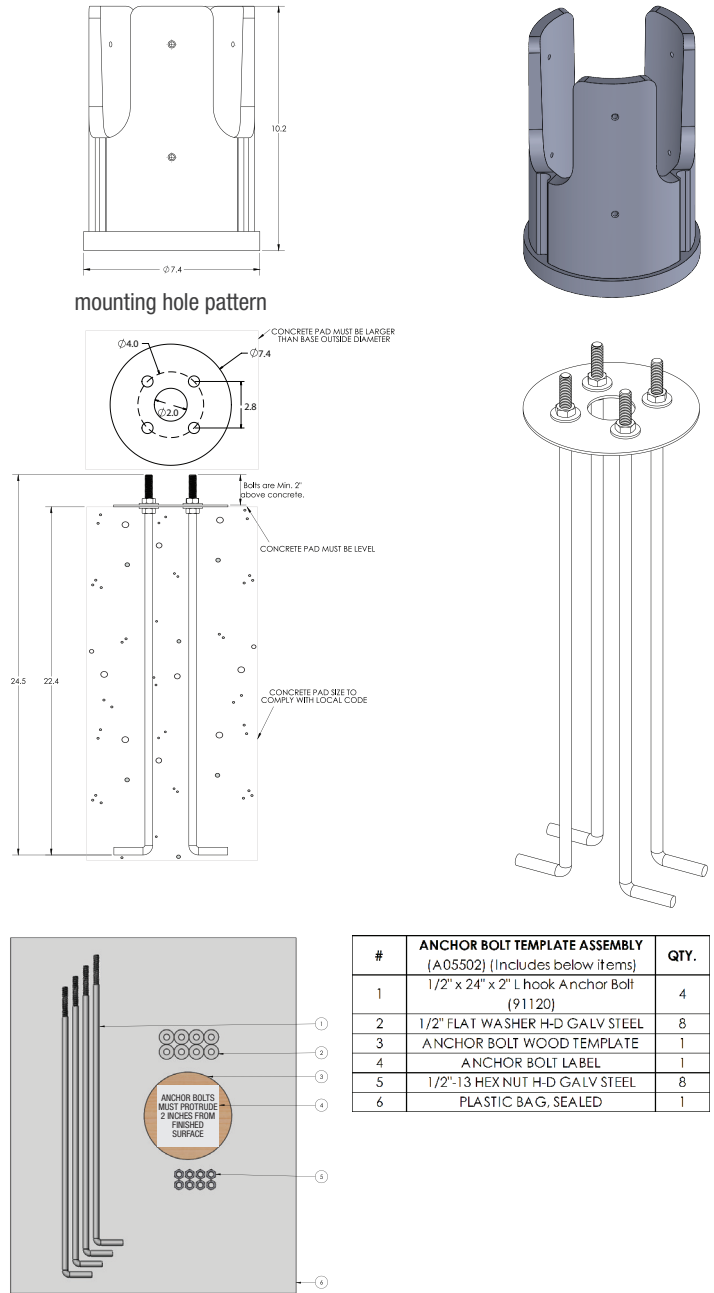
PRODUCT DIMENSIONS - STANDARD PRODUCT



MOUNTING

Mounting Plate Diameter	$\phi 7.4"$
Anchor Bolt Template Assembly	A05502

(Includes the below items listed)

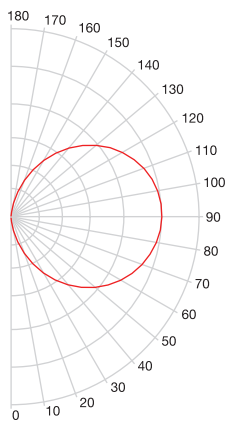


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Photometry

OPTICAL DISTRIBUTION



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 US Commercial Lighting Manufacturer Since 1982

Specification Sheet