

FCB5500 RGBW



Date:

Type:

Fixture:

Project:

Approved:

FCB5500 RGBW Exterior die-cast aluminum, 8" nominal diameter, bollard post with a 360° window and impact resistant, UV stabilized, opal diffuser lens, and offered in 2 different heights based on the chosen lens height. RGBW and Tuneable White means color control over 4.6 billion colors. IP65 rated for wet location use.

SPECIFICATIONS

PHYSICAL

lengths/dimensions	fixture diameter: 7-3/8", various heights: 38"H (1ft lens), 50"H (2ft lens)
weight	25 lbs
housing	Marine grade, corrosion resistant, heavy walled, high pressure die-cast aluminum with extruded pole
lens	Impact resistant, UV stabilized, opal diffuser
mounting	Heavy gauge gravity molded base provides a robust mounting solution with idea flush mounted appearance at the base plate, anchor bolts included (j-box by others)
ingress protection	ETL, U.S. and CA listed for wet location. IP65 Rating.
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 Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

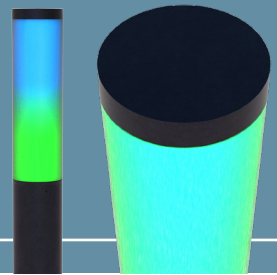
lumen output	1,000 lm per foot @ 100% all on nominal
lifetime	L70 >70,000 hours
temperature	operating: -13°F to 104°F (-25°C to 40°C) start up: -13°F to 104°F (-25°C to 40°C) storage: -40°F to 176°F (-40°C to 80°C)
ColourQuick	Provides uniform beam saturation 3" from fixture surface (1.5" on center from vertical surface)
ColourClone	Manufacturing process uses robotic systems to provide 1 SDCM like consistency between luminaires by calibrating every fixture to the same exact X, Y, chromaticity coordinates
ColourSoft	Embedded firmware enables 16-bit resolution using only 8-bits of data to enhance the low trim curve for no-flicker at the slowest transition speeds.
ColourMode	RGBW and Tuneable White in one fixture using 6 DMX channels. Channels 1-4 - RGBW : Channels 5-6* - Tuneable White (channel 5 = intensity and channel 6 = CCT) *Tuneable White mode must use the entire fixture as one unit.
warranty	5 year limited warranty

ELECTRICAL

input voltage	Universal 120 - 277 VAC, 50/60Hz
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; UL 8750/CSA C22.2 No. 250.13/IES LM-79/LM-80, UL-Class I
power consumption	18W (38"H), 36W (50"H)

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

FCB5500-RGBW	UNV					DMX				
SERIES	VOLTAGE	HEIGHT	COLOR	FINISH	OPTIONS					
FCB5500-RGBW	UNV	120 - 277 VAC	38	38" Total Height (1' Lens) 18W	RGBW	RGBW	BKE	Black (AAMA 2604)	DMX	DMX Dimming (required)
			50	50" Total Height (2' Lens) 36W	RGBW-TW	RGBW & Tuneable White	BRE	Bronze (AAMA 2604)	LAB¹	Less Anchor Bolt Kit - for shipment separate of Anchor Bolt Kit
					TW	Tuneable White	GRE	Graphite Grey (AAMA 2604)		
					SLE	Silver (AAMA 2604)				
					WHE	White (AAMA 2604)				
					CCE	Custom Color (AAMA 2604)				

ANCHOR BOLT KITS

A05500

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.

Control Components (Indicate the quantity needed for each item.)

_____ PHAROS TPS-5-B 5" Designer Touch Panel Station	_____ CSC-E ColourSelect Controller (2 universe)
_____ PHAROS XPC1 Expert Controller; 512 channels of eDMX/DMX	_____ DE3BK(WH) Nicolaudio STICK DE-3 Black or White Wall Mount Controller w/color dial
_____ PHAROS XPC2 Expert Controller; 1024 channels of eDMX/DMX	_____ CW4-WH Nicolaudio STICK White Touch Screen with Internal WiFi
_____ PHAROS XPT-5-B Expert Touch Panel; 5" Display in Black	_____ GA2WH(BK) Nicolaudio STICK-GA2 White or Black Wall Mount Controller
_____ PHAROS TPC-BB Touch Panel Controller - Black on Black (512 Channels EDMX)	_____ DXC-25 25 foot DMX cable
_____ PHAROS EXT Extension for TPC Connectivity	_____ DXC-50 50 foot DMX cable
_____ PHAROS LPC1 Lighting Playback Controller 1 (512 channels DMX/eDMX)	_____ DXC-100 100 foot DMX cable
_____ PHAROS LPC2 Lighting Playback Controller 2 (1,024 channels DMX/eDMX)	_____ CD-10 10 foot controller data cable (for CSC only)
_____ PDX Power Data Wiring Box (exterior rated)	_____ CD-25 25 foot controller data cable (for CSC only)
_____ PDX-S Power Data Wiring Box w/2-port splitter	_____ CD-50 50 foot controller data cable (for CSC only)
_____ PDX-RS4 Power Data Wiring Box w/4-port splitter	_____ CD-100 100 foot controller data cable (for CSC only)
_____ CL-RS4 4 Port RDM splitter w/120V power supply	_____ MV 5900 Multiverse Show Baby DMX Wireless Bridge (Indoor)
_____ SCSC-2WH (2BK) White or Black Wall Mount ColourSelect Controller (2 universe)	_____ 7400-5707M Show DMX Vero DMX Wireless Bridge (Exterior)

Controller Data Cables/DMX Cables listed are exterior rated cables.
(Belden 3105A or equivalent) CD-XX cables have male XLR at one end.

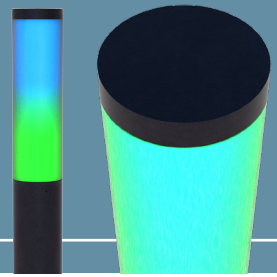
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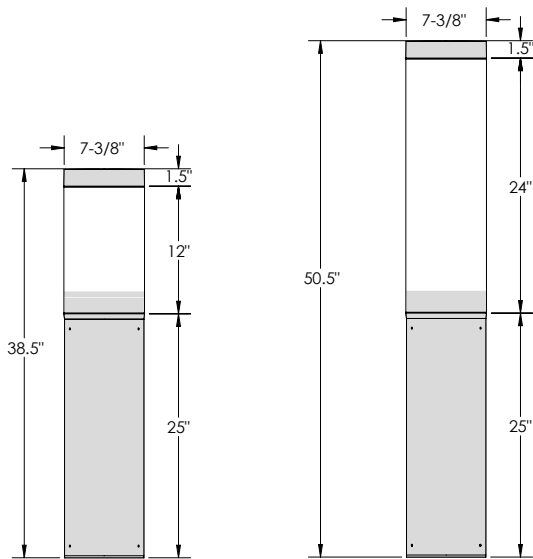
Specification Sheet

Physical



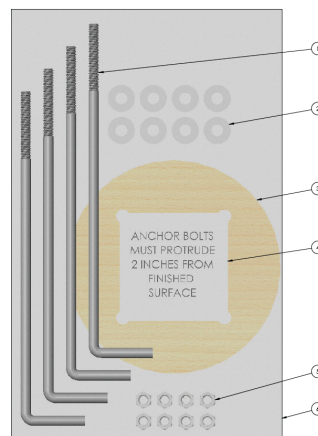
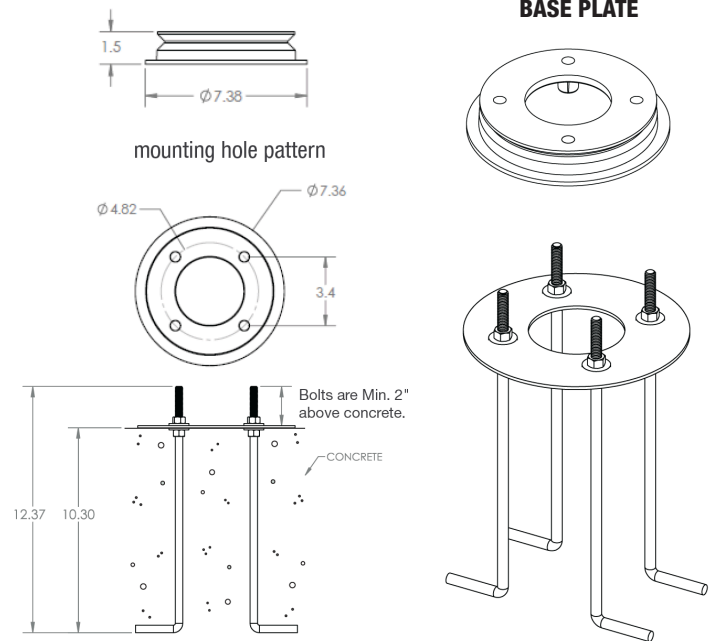
PRODUCT DIMENSIONS - STANDARD PRODUCT

max height	38" H (1' Lens option)	50" H (2' Lens option)
diameter	7.38" D	7.38" D

MOUNTING - *j-box sold by others*

mounting plate diameter	Ø 7.38"
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- Anchor Bolt Template Assembly: A05500
(Includes the below items listed)



#	Anchor Bolt Template Assembly (A05500) (Includes below items)	
1	L-Hook Anchor Bolt (X91603A120)	Qty. 4
2	Flat Washers	Qty. 8
3	Anchor Bolt Wood Template	Qty. 1
4	Anchor Bolt Label	Qty. 1
5	Hex Nuts	Qty. 8
6	Plastic Bag, Sealed	Qty. 1

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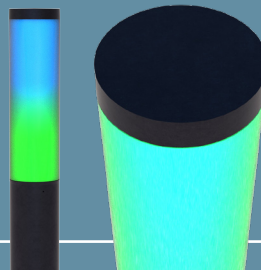


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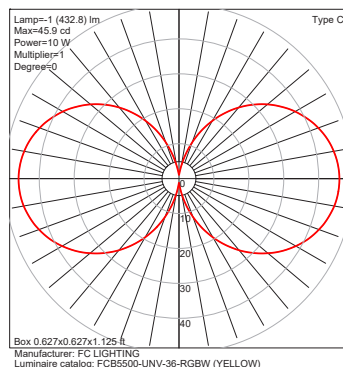
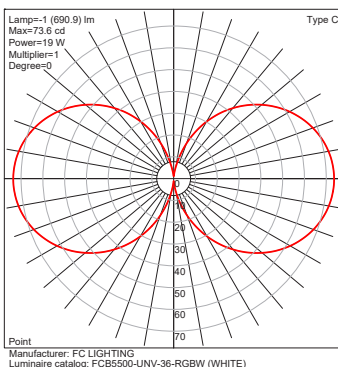
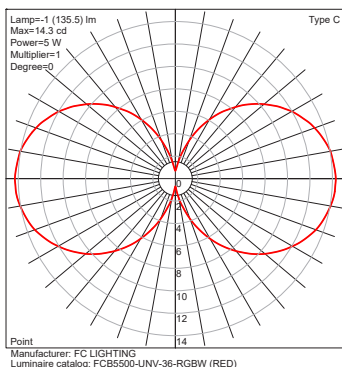
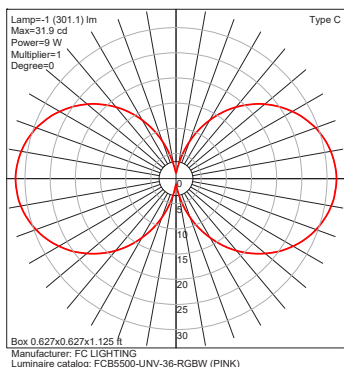
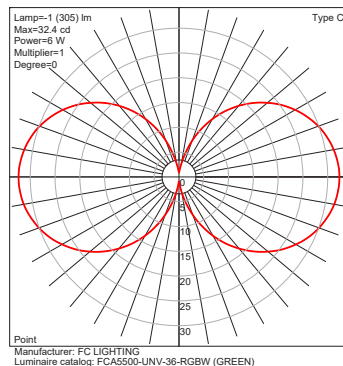
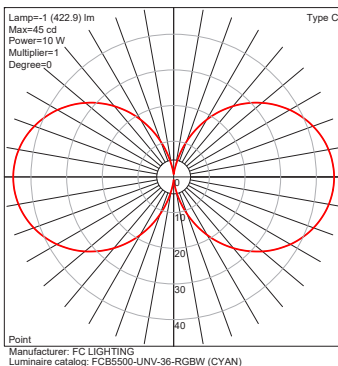
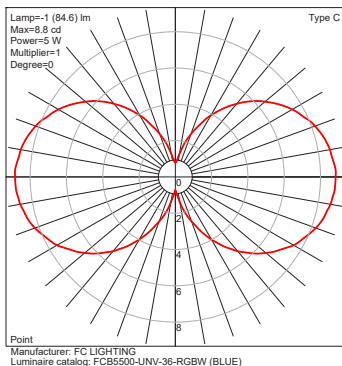
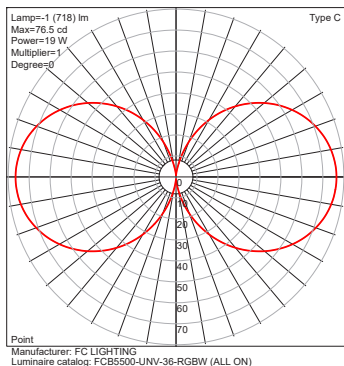
Specification Sheet

Photometry

FCB5500 RGBW



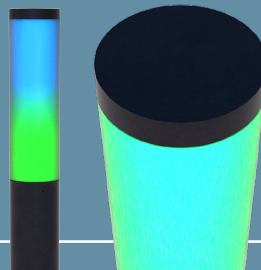
OPTICAL DISTRIBUTION FOR 36"H FIXTURE



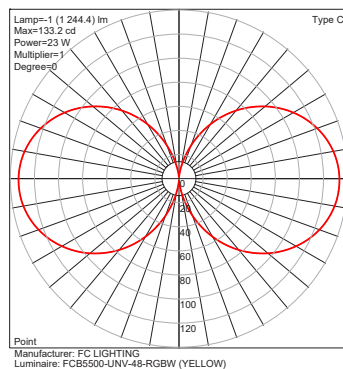
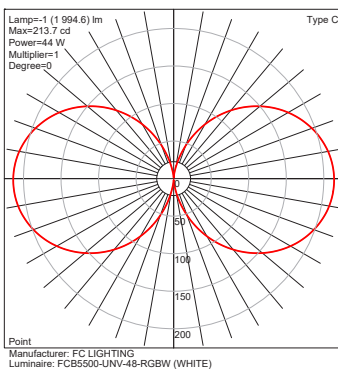
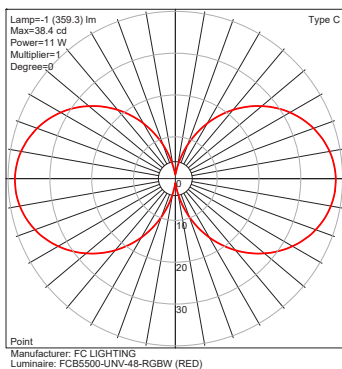
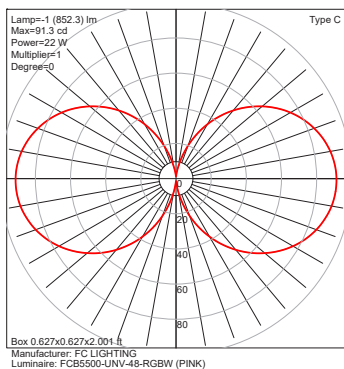
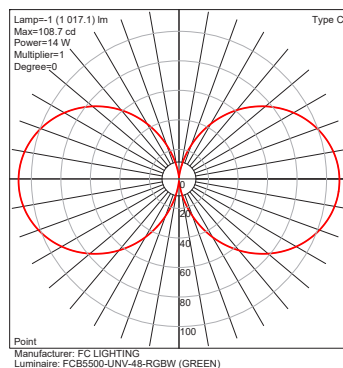
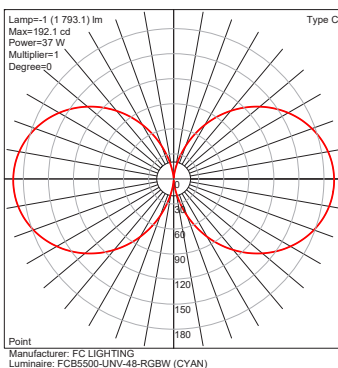
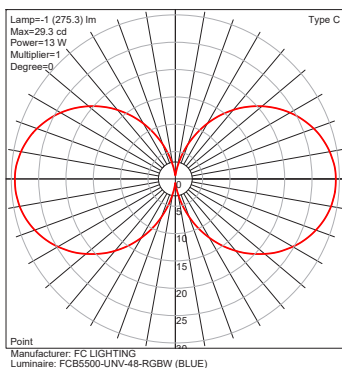
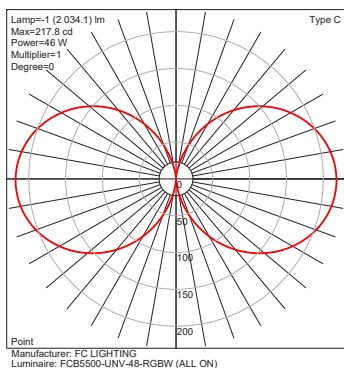
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Photometry

FCB5500 RGBW



OPTICAL DISTRIBUTION FOR 48"H FIXTURE



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Color Controls

DMX / RDM PROTOCOL CONTROLLERS



PHAROS TPC-BB - Pharos Touch Panel Controller - Black on Black finish

TPC Touch Panel Controller is an elegant lighting controller with a customizable 4.3" touch screen, 512 channels of eDMX output and flexible interfacing potential. The TPC must work in conjunction with the EXT or LPC. Pharos Backbox is available for mounting.



PHAROS EXT - Extension Device for TPC Connectivity

The Pharos EXT is an extension for the Pharos TPC for making the physical DMX or eDMX output connections. It also provides a PoE connection for the TPC. It's DIN rail mounted. This device supports electrical input of 120-240V AC power.



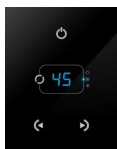
PHAROS LPC - Lighting Playback Controller

Pharos offers two playback controllers, LPC1 (512 channels DMX/eDMX) and LPC2 (1024 channels DMX/eDMX) Pharos LPC (Lighting Playback Controller) is a versatile control solution. The LPC family features individually controllable and independently running timelines and scenes, letting you build dynamic, precise, fully customizable lighting effects. The LPC can be ordered with 1 to 100 Universe capability. It requires a TPC or PC to interface and is powered via 9V to 48V DC or PoE (IEEE802.3af, Class 2), 4W typical.



DE3BK(WH) - Nicolaudie STICK-DE3 Black or White Wall Mount Controller with color dial

STICK DE3 provides an elegant solution to controlling your DMX fixtures. The glass, touch-sensitive panel can be used in multiple ways to select a programmed scene, change a color attribute or directly select a color from the color wheel. Scenes are displayed on the graphical color display. The DE3 provides 1024 DMX Channels with up to 500 scenes and 10 separate zones can be created and controlled separately. 120V AC is required for operation. The DE3 is programmed via Nicolaudie's ESA2 or ESA PRO software. Programs are stored on the internal MicroSD card.



CW4-WH - Nicolaudie STICK CW4 White Touch Screen with Internal WiFi CW4 touch controller provides 1024 channels of control. 36 scenes can be created in 1 zone. An internal access point provides remote control via any WiFi device using the Lightpad app from Nicolaudie.

GA2BK(WH) - Nicolaudie STICK-GA2 Black or White Wall Mount Controller

GA2 is an economical controller with glass, touch-sensitive screen for basic control of up to 99 scenes and 1 available zone. It can control 512 DMX Channels. An LED display makes it easy to determine which scene number is playing.



CSC-E - SSL ColourSelect Controller

ColourSelect Controller 2 Universe provides (1024 Channels) of output data capable of controlling 5 zones independently. CSC-E has two 3-pin female XLR connectors to connect to your DMX network and is defaulted in splitter mode, so two separate runs can be connected and controlled. It can store a total of 80 programmable presets. Additionally buttons control speed, dimming, scenes and static colors. The CSC can be powered via a PC USB port or with the PS-CSC external 120V AC power supply included.



SCSC-2WH (or 2BK) - SLIM White ColourSelect Controller Wall mount versions of the CSC-E, includes power supply.

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Specification Sheet