

# FCCSQ400R Four-Inch Square Wall Mount Exterior Cylinder

Up/Down or Up Lighting with Remote Drivers and Battery Backup



## FEATURES

- Up to 3000 lumens (4000K)
- Multiple mounting options
- Clear anti-glare tempered glass lens (IK09)
- The Soft Field Lens option provides diffusion, reduces glare, and enhances visual comfort.
- Multiple housing colors
- 0-10V 1% Dimming (Standard)
- 93 CRI with 2 SDCM

## PERFORMANCE

**Beam Spread:** 15°, 25°, 50°, 72°, 90°  
**CCT Options:** 2700K, 3000K, 3500K, 4000K  
**CRI:** 93 CRI  
**Consistency:** 2 SDCM (Luminaire to Luminaire)  
**Lumens:** 500 - 3000 lumens (typical)  
**Lumen Maintenance:** L70 > 70,000 hours

## PHYSICAL

**Mounting:** Mounts directly to standard recessed junction box with wall mount or twist-lock canopy. Additional holes allow unit to be attached directly to mounting surface.

**Housing:** Heavy-walled, extruded aluminum housing with high pressure die-cast lens ring and cap with stainless steel hardware.

**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.

**Warranty:** 5-Year limited warranty

**Lens:** IK09 impact compliant, clear anti-glare tempered glass

**Ingress Protection:** Continuous silicone gasket to seal out contaminants, IP65 rated for dry, damp or wet locations.

**Weight:** 8-12 lbs (Depending on Length)

**Operating Temperature:** -22°F to 122°F (-30°C to 50°C)

## ELECTRICAL

**Voltage:** Universal 120 - 277 VAC standard, 347 VAC optional

**Power Supply:** Integral Class II, electronic high-power factor > .90, THD < 20%, FCC Title 47 Part 15 Class A.

**Power Consumption:** Maximum 35W

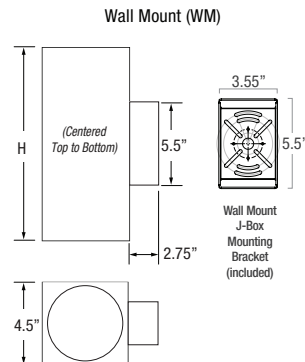
**Dimming:** **standard:** 0-10V, 1% Dimming, **optional:** ELV, TRIAC, dim to off, DMX, DALI

**Standards:**

- cETLus Listed, CE, NOM, and RoHS Compliant.
- Wet location listed for wall or ceiling mount IP65 Ingress protection.
- 1.5G (ANSI C136.31) Vibration resistance rated.
- IK09 (IEC6226) Impact resistance rated.
- IESNA LM79 Photometric testing by NVLAP accredited test lab.
- IESNA LM80 LED testing by NVLAP accredited test lab.
- IESNA TM21 Luminaire lumen depreciation projection to > 70,000 hours.

## PHYSICAL DIMENSIONS

Luminaire	Height (H)
FCCSQ4R10W	10.95" Height (1 Integral Driver Only)
FCCSQ4R12W	12.95" Height (1 Integral Driver Only)
FCCSQ4R14W	14.95" Height
FCCSQ4R16W	16.95" Height
FCCSQ4R18W	18.95" Height
FCCSQ4R20W	20.95" Height
	(All above are Wall Mount Standard)



Date:

Approved:

Type:

Luminaire:

Project:

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## PRODUCT CODE

EXAMPLE: FCCSQ4R10W-UNV-927-505L-BKE-D15U15-ET

MODEL	LENGTH	MOUNTING	VOLTAGE	COLOR	LUMENS	FINISH	DOWNLIGHT OPTICS	UPLIGHT OPTICS	DIMMING	OPTIONS	BATTERY/REMOTE DRIVER
<div> <div>MODEL</div> <div> <p>FCCSQ4R10W 10.95" Height (1 Integral Driver Only)</p> <p>FCCSQ4R12W 12.95" Height (1 Integral Driver Only)</p> <p>FCCSQ4R14W 14.95" Height</p> <p>FCCSQ4R16W 16.95" Height</p> <p>FCCSQ4R18W 18.95" Height</p> <p>FCCSQ4R20W 20.95" Height (All above are Wall Mount Standard)</p> </div> <div> <p>LED DRIVER REMOTE (INDOOR) IP20, IK08, NEMA 1, -20°C to +50°C, 30' MAX Distance with 12AWG. *Consult factory for outdoor remote driver only.</p> </div> </div>											
<div> <div>VOLTAGE</div> <div> <p>UNV Universal 120 - 277 VAC</p> <p>347 347 VAC</p> </div> </div>											
<div> <div>COLOR</div> <div> <p>927 (93CRI) 2700K</p> <p>930 (93CRI) 3000K</p> <p>935 (93CRI) 3500K</p> <p>940 (93CRI) 4000K</p> </div> </div>											
<div> <div>FINISH</div> <div> <p>BKE Black</p> <p>BRE Bronze</p> <p>GRE Graphite Grey</p> <p>SLE Silver</p> <p>WHE White</p> <p>CCE Custom Color</p> </div> </div>											
<div> <div>DOWN LIGHT OPTICS (typical)</div> <div> <p>D15 Spot (15°) (20L Max)</p> <p>D25 Narrow Flood (25°)</p> <p>D50 Flood (50°)</p> <p>D72 Wide Flood (72°)</p> <p>D90 Flat (90°)</p> </div> </div>											
<div> <div>WITH SOFT FIELD LENS (Below)</div> <div> <p>D15S Spot (15°) (20L Max)</p> <p>D25S Narrow Flood (25°)</p> <p>D50S Flood (50°)</p> <p>D72S Wide Flood (72°)</p> <p>D90S Flat (90°)</p> </div> </div>											
<div> <div>DIMMING</div> <div> <p>ET ELV or TRIAC Driver (120V Phase Dimming w/ UNV Driver) (20L-30L Only)</p> <p>LD 0-10V Dimming, 1% (Standard)</p> <p>ET2 ELV or TRIAC Drivers (Qty. 2) (120V Phase Dimming w/ UNV Drivers) (Each Driver: 20L-30L Only) (2 Separate Circuits: Individual Control of Power and Dimming for Up/Down Lighting)</p> <p>LD2 0-10V Dimming, 1% (Qty. 2) (2 Separate Circuits: Individual Control of Power and Dimming for Up/Down Lighting)</p> <p>*All drivers listed above are remote.</p> </div> </div>											
<div> <div>OPTIONS</div> <div> <p>CV Cut-Off Visor (Down Only)</p> </div> </div>											
<div> <div>BATTERY/REMOTE DRIVER</div> <div> <p>BBUR BATTERY BACK-UP &amp; LED DRIVER REMOTE (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)</p> <p>BBUX BATTERY BACK-UP &amp; LED DRIVER REMOTE (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)</p> <p>DRR LED Driver Only Remote (INDOOR) 30' MAX Distance with 12AWG (w/UNV Option Only)</p> <p>DRX LED Driver Only Remote (OUTDOOR) 30' MAX Distance with 12AWG (w/UNV Option Only)</p> </div> </div>											



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### LUMENS / WATTAGE typical

Model	Watts	940
FCCSQ4R	5 W (Min)	500 lm (Min)
	35 W (Max)	3000 lm (Max)

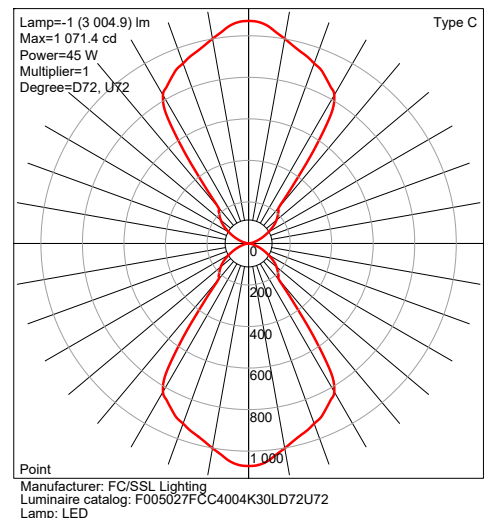
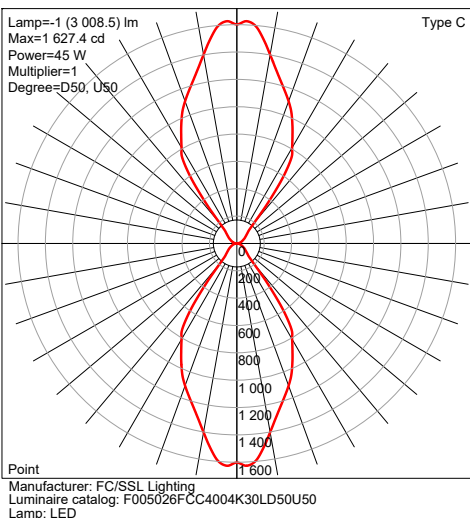
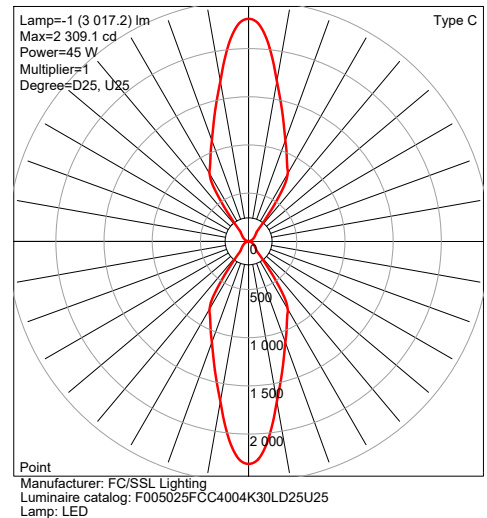
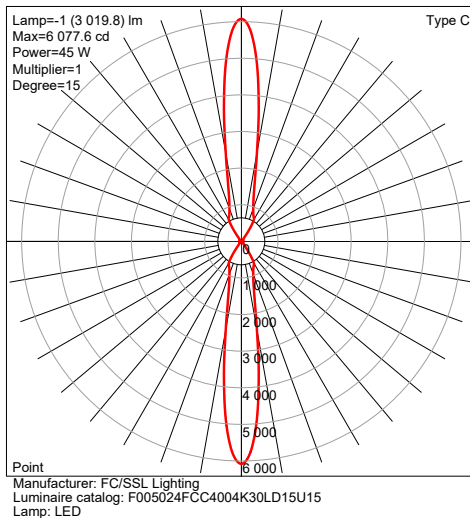
IES Multiplier	
Color	Multiplier
927	0.93
930	0.97
935	0.99
940	1.00

\*83CRI±1.15 Consult factory.

TRIAC & ELV Approved Dimmer List	
Manufacturer	Manufacturer Part Number
Lutron	Glyder GLV-600
	Diva DVLV-600P
	Diva DV-600P
	Diva DVELV-600P(303)
	Maestro MALV-600
	Nova T NT-1000
	Nova T NTELV-600
	Skyark SLV-600P
Leviton	RadioRA2-10ND
	SureSlide 6633
	Illumatech IPE04

0-10V Approved Dimmer List	
Manufacturer	Manufacturer Part Number
Lutron	Diva DVSTV-XX
	Diva DVSTV-453PH-WH1
Leviton	Illumatech 010-IP710-DLZ

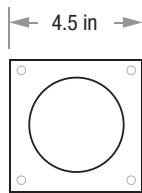
### PHOTOMETRICS



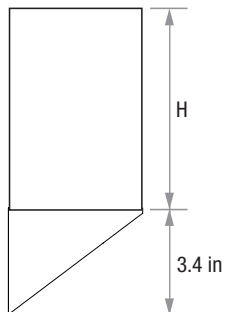
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### MORE DIMENSIONS

Cut-Off Visor (CV) *(Down Only)*



Bottom View

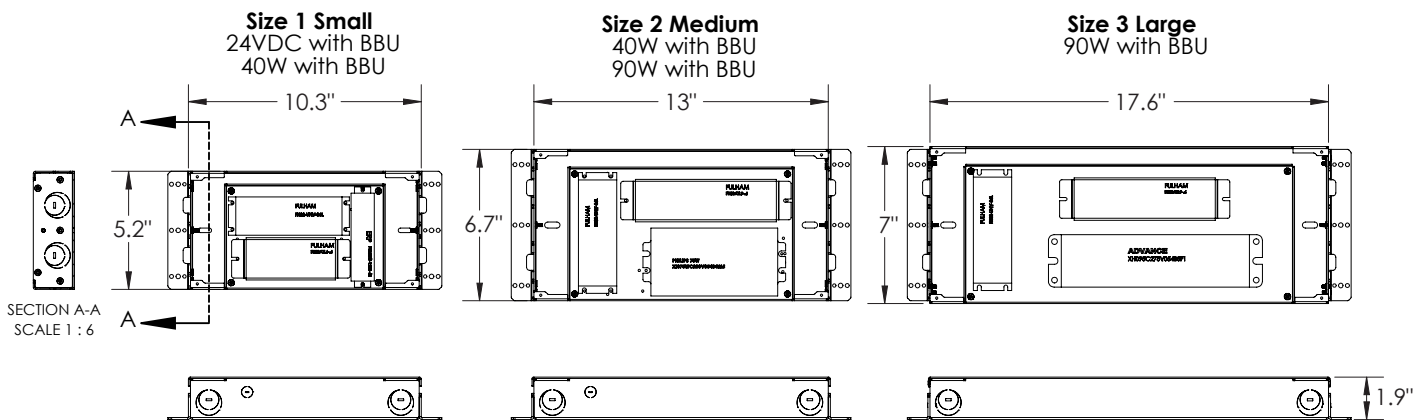


Side View

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### BATTERY BACK-UPS

**BBUR - BATTERY BACK-UP & LED DRIVER REMOTE (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)**



**BBUX - BATTERY BACK-UP & LED DRIVER REMOTE (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)**

