

FCC600 Six-Inch Round Cylinder – Wall, Pendant, or Surface Mount Down Lighting

Standard Drivers without Battery Backup



FEATURES

- Up to 6000 lumens (4000K)
- Multiple mounting options
- Clear lens with anti-glare tempered glass (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°, 40°, 50°, 72°
CCT Options: 2700K, 3000K, 3500K, 4000K
CRI: 93 CRI
Consistency: 2 SDCM (Luminaire to Luminaire)
Lumens: 500 - 6000 lumens (nominal)
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. Not intended for open ceilings or surface mount conduit j-box applications. Recessed j-box must be flush with finished wall or ceiling 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 Min., 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. SF option rated IP65 for cover ceiling application only.

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, 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 6000 lm @ 65W

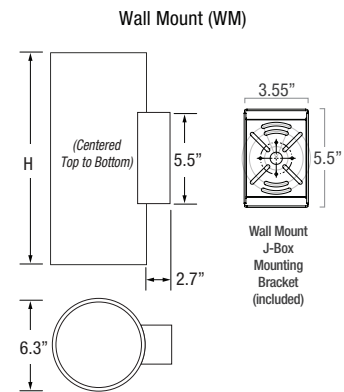
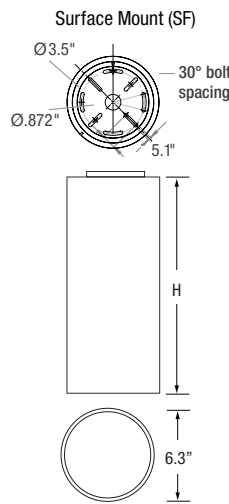
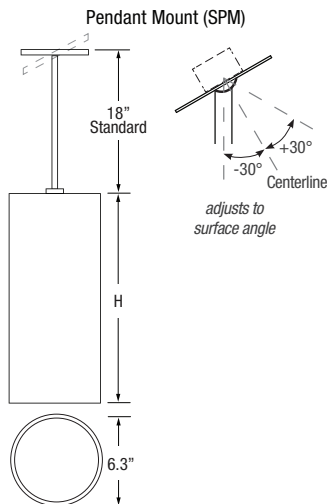
Dimming: Standard: 0-10V, 1% Dimming, **Optional:** ELV, TRIAC

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
FCC600-10	10.95" Height
FCC600-12	12.95" Height
FCC600-14	14.95" Height
FCC600-16	16.95" Height
FCC600-18	18.95" Height
FCC600-20	20.95" Height



Date: _____
 Type: _____
 Fixture: _____
 Project: _____

Approved: _____

FCC600 Six-Inch Round Cylinder Down Lighting

PRODUCT CODE

EXAMPLE: FCC600-10-SPM-18-UNV-927-05L-BKE-15-ET-CV

MODEL	HEIGHT	MOUNTING	SUSP. LENGTH	VOLTAGE	COLOR	LUMENS	FINISH	OPTIC	DIMMING	OPTIONS
FCC600										

<p>MODEL FCC600</p> <p>HEIGHT</p> <table border="0"> <tr><td>10</td><td>10.95" Height</td></tr> <tr><td>12</td><td>12.95" Height</td></tr> <tr><td>14</td><td>14.95" Height</td></tr> <tr><td>16</td><td>16.95" Height</td></tr> <tr><td>18</td><td>18.95" Height</td></tr> <tr><td>20</td><td>20.95" Height</td></tr> </table> <p>MOUNTING</p> <table border="0"> <tr><td>SPM</td><td>Slope Pendant</td></tr> <tr><td>SF</td><td>Surface</td></tr> <tr><td>WM</td><td>Wall</td></tr> </table> <p>SPM LENGTH</p> <p>Specify the optional cable suspension length in inches. (Top of luminaire to ceiling) (SPM 18" Standard, 4"-120" Max; 61"-120" w/LD & ET only and stem comes in 2 sections) *Consult factory and price guide for other lengths.</p> <p>VOLTAGE</p> <table border="0"> <tr><td>UNV</td><td>Universal 120 - 277 VAC</td></tr> <tr><td>347V</td><td>347 VAC (25L - 50L lumen options only)</td></tr> </table>	10	10.95" Height	12	12.95" Height	14	14.95" Height	16	16.95" Height	18	18.95" Height	20	20.95" Height	SPM	Slope Pendant	SF	Surface	WM	Wall	UNV	Universal 120 - 277 VAC	347V	347 VAC (25L - 50L lumen options only)	<p>COLOR</p> <table border="0"> <tr><td>927</td><td>(93CRI) 2700K</td></tr> <tr><td>930</td><td>(93CRI) 3000K</td></tr> <tr><td>935</td><td>(93CRI) 3500K</td></tr> <tr><td>940</td><td>(93CRI) 4000K</td></tr> </table> <p>Other CCT/CRI available upon request.</p> <p>LUMENS nominal</p> <table border="0"> <tr><td>05L</td><td>500 lm</td></tr> <tr><td>10L</td><td>1000 lm</td></tr> <tr><td>15L</td><td>1500 lm</td></tr> <tr><td>20L</td><td>2000 lm</td></tr> <tr><td>25L</td><td>2500 lm</td></tr> <tr><td>30L</td><td>3000 lm</td></tr> <tr><td>35L</td><td>3500 lm</td></tr> <tr><td>40L</td><td>4000 lm</td></tr> <tr><td>45L</td><td>4500 lm (Minimum 12"H)</td></tr> <tr><td>50L</td><td>5000 lm (Minimum 12"H)</td></tr> <tr><td>55L</td><td>5500 lm (Minimum 14"H)</td></tr> <tr><td>60L</td><td>6000 lm (Minimum 16"H)</td></tr> </table> <p>FINISH</p> <table border="0"> <tr><td>BKE</td><td>Black</td></tr> <tr><td>BRE</td><td>Bronze</td></tr> <tr><td>GRE</td><td>Graphite Grey</td></tr> <tr><td>SLE</td><td>Silver</td></tr> <tr><td>WHE</td><td>White</td></tr> <tr><td>CCE</td><td>Custom Color</td></tr> </table>	927	(93CRI) 2700K	930	(93CRI) 3000K	935	(93CRI) 3500K	940	(93CRI) 4000K	05L	500 lm	10L	1000 lm	15L	1500 lm	20L	2000 lm	25L	2500 lm	30L	3000 lm	35L	3500 lm	40L	4000 lm	45L	4500 lm (Minimum 12"H)	50L	5000 lm (Minimum 12"H)	55L	5500 lm (Minimum 14"H)	60L	6000 lm (Minimum 16"H)	BKE	Black	BRE	Bronze	GRE	Graphite Grey	SLE	Silver	WHE	White	CCE	Custom Color	<p>OPTIC nominal</p> <table border="0"> <tr><td>15</td><td>Spot (15°)</td></tr> <tr><td>25</td><td>Narrow Flood (25°)</td></tr> <tr><td>40</td><td>Mid Flood (40°)</td></tr> <tr><td>50</td><td>Flood (50°)</td></tr> <tr><td>72</td><td>Wide Flood (72°)</td></tr> </table> <p>w/SOFT FIELD</p> <table border="0"> <tr><td>15S</td><td>Spot (15°)</td></tr> <tr><td>25S</td><td>Narrow Flood (25°)</td></tr> <tr><td>40S</td><td>Mid Flood (40°)</td></tr> <tr><td>50S</td><td>Flood (50°)</td></tr> <tr><td>72S</td><td>Wide Flood (72°)</td></tr> </table> <p><i>Soft Field average light loss factor is 0.96</i></p> <p>DIMMING</p> <table border="0"> <tr><td>ET</td><td>ELV or TRIAC Driver (120V Phase Dimming w/ UNV Driver) (05L - 45L options only)</td></tr> <tr><td>LD</td><td>0-10V Dimming, 1%</td></tr> </table> <p>OPTIONS</p> <table border="0"> <tr><td>CV</td><td>Cut-Off Visor</td></tr> </table>	15	Spot (15°)	25	Narrow Flood (25°)	40	Mid Flood (40°)	50	Flood (50°)	72	Wide Flood (72°)	15S	Spot (15°)	25S	Narrow Flood (25°)	40S	Mid Flood (40°)	50S	Flood (50°)	72S	Wide Flood (72°)	ET	ELV or TRIAC Driver (120V Phase Dimming w/ UNV Driver) (05L - 45L options only)	LD	0-10V Dimming, 1%	CV	Cut-Off Visor
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LUMENS / WATTAGE nominal

Model	Watts	Lumens
FCC600	6.4 W	500 lm
	10 W	1000 lm
	14 W	1500 lm
	19 W	2000 lm
	25 W	2500 lm
	30 W	3000 lm
	36 W	3500 lm
	42 W	4000 lm
	48 W	4500 lm
	53 W	5000 lm
	59 W	5500 lm
	65 W	6000 lm

Lifetime Calculations				
Model	L70	L70	L90	L90
	Calculated	Reported	Calculated	Reported
FCC600	132700	>60500	40600	40600

*Specific Lumen Output Lifetime available upon request.
 *All lifetimes based on B50.

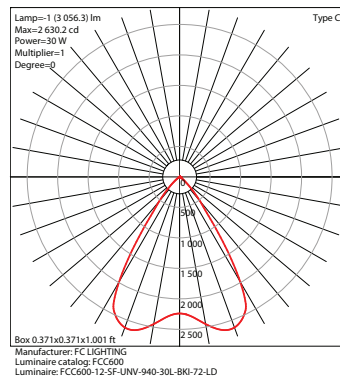
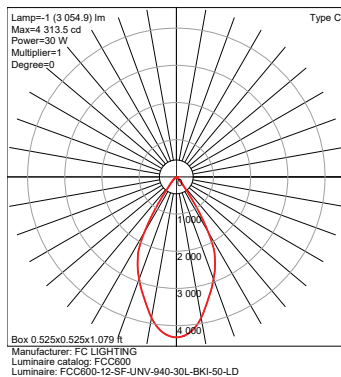
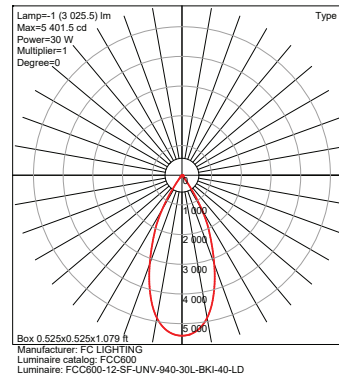
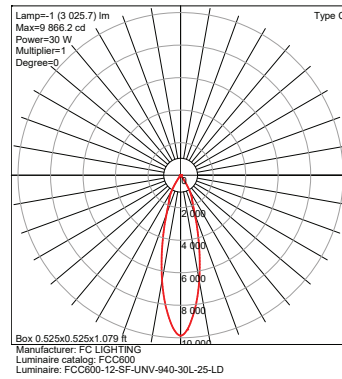
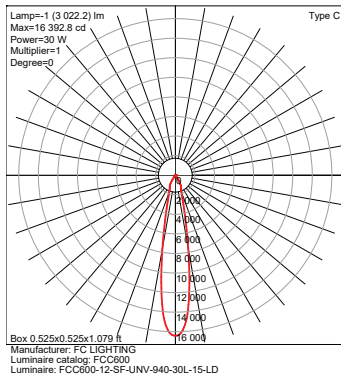
IES Multiplier	
Color	Multiplier
927	0.92
930	0.95
935	0.98
940	1.00

*83CR1s1.15 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
Leviton	Nova T NTELV-600
	Skylark SLV-600P
	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



Due to continuous development and improvements, specifications are subject to change without notice.
 Product use certifies agreement to FC Lighting, Inc. terms and conditions.

FCC600 Six-Inch Round Cylinder Down Lighting

OPTIONS

Cut-Off Visor (CV)

