

FCC800 Eight-Inch Round Cylinder – Wall, Pendant, or Surface Mount Down Lighting

Standard Drivers without Battery Backup



FEATURES

- Up to 7500 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°, 40°, 50°, 72°
CCT Options: 2700K, 3000K, 3500K, 4000K
CRI: 93 CRI
Consistency: 2 SDCM (Luminaire to Luminaire)
Lumens: 500 - 7500 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 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. 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 standard, 347 VAC optional

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

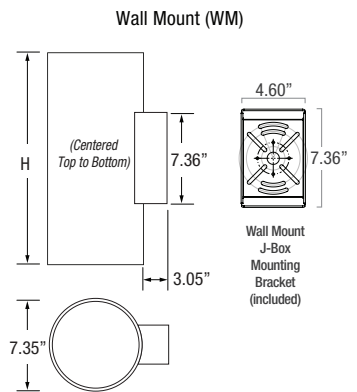
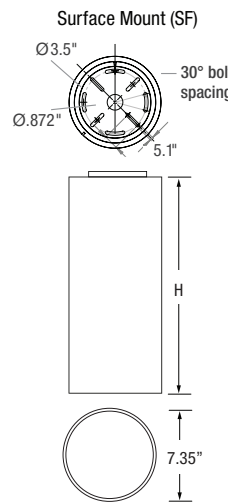
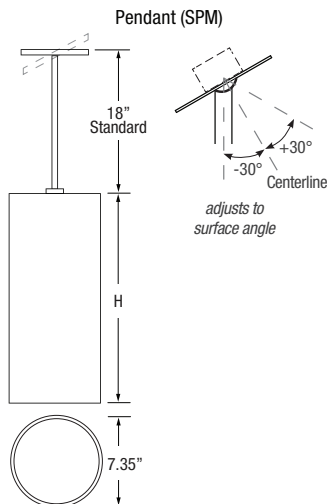
Power Consumption: Maximum 79W

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.
 - 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	Length
FCC800-12	12.95" Height
FCC800-14	14.95" Height
FCC800-16	16.95" Height
FCC800-18	18.95" Height
FCC800-20	20.95" Height



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

Approved: _____

FCC800 Eight-Inch Round Cylinder Down Lighting

PRODUCT CODE

EXAMPLE: FCC800-12-SPM-18-UNV-927-20L-BKE-15-ET-CV

MODEL	HEIGHT	MOUNTING	SUSP. LENGTH	VOLTAGE	COLOR	LUMENS	FINISH	OPTIC	DIMMING	OPTIONS
FCC800										

<p>MODEL FCC800</p>	<p>HEIGHT</p> <table border="0"> <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>	12	12.95" Height	14	14.95" Height	16	16.95" Height	18	18.95" Height	20	20.95" Height	<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>	SPM	Slope Pendant	SF	Surface	WM	Wall	<p>SPM LENGTH</p> <p>Specify the optional suspension length in inches. (Top of luminaire to ceiling) (SPM 18" Standard, 6"-120" Max; 61"-120" w/LD & ET Only and stem comes in 2 sections) *Consult factory & 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 (Min 25L, 45L-60L Min 14", all others standard height restrictions applicable)</td></tr> </table>	UNV	Universal 120 - 277 VAC	347V	347 VAC (Min 25L, 45L-60L Min 14", all others standard height restrictions applicable)	<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>	927	(93CRI) 2700K	930	(93CRI) 3000K	935	(93CRI) 3500K	940	(93CRI) 4000K	<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</td></tr> <tr><td>50L</td><td>5000 lm</td></tr> <tr><td>55L</td><td>5500 lm</td></tr> <tr><td>60L</td><td>6000 lm</td></tr> <tr><td>65L</td><td>6500 lm (Minimum 16" H)</td></tr> <tr><td>70L</td><td>7000 lm (Minimum 18" H)</td></tr> <tr><td>75L</td><td>7500 lm (Minimum 20" H)</td></tr> </table>	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	50L	5000 lm	55L	5500 lm	60L	6000 lm	65L	6500 lm (Minimum 16" H)	70L	7000 lm (Minimum 18" H)	75L	7500 lm (Minimum 20" H)	<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>	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>	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°)	<p>DIMMING</p> <table border="0"> <tr><td>ET</td><td>ELV or TRIAC Driver (120V Phase Dimming w/ UNV Driver) (Max 45L)</td></tr> <tr><td>LD</td><td>0-10V Dimming, 1% (Standard)</td></tr> </table>	ET	ELV or TRIAC Driver (120V Phase Dimming w/ UNV Driver) (Max 45L)	LD	0-10V Dimming, 1% (Standard)	<p>OPTIONS</p> <table border="0"> <tr><td>CV</td><td>Cut-Off Visor (Down Only)</td></tr> </table>	CV	Cut-Off Visor (Down Only)
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 (Min 25L, 45L-60L Min 14", all others standard height restrictions applicable)																																																																																																									
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																																																																																																									
50L	5000 lm																																																																																																									
55L	5500 lm																																																																																																									
60L	6000 lm																																																																																																									
65L	6500 lm (Minimum 16" H)																																																																																																									
70L	7000 lm (Minimum 18" H)																																																																																																									
75L	7500 lm (Minimum 20" H)																																																																																																									
BKE	Black																																																																																																									
BRE	Bronze																																																																																																									
GRE	Graphite Grey																																																																																																									
SLE	Silver																																																																																																									
WHE	White																																																																																																									
CCE	Custom Color																																																																																																									
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) (Max 45L)																																																																																																									
LD	0-10V Dimming, 1% (Standard)																																																																																																									
CV	Cut-Off Visor (Down Only)																																																																																																									

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

FCC800 Eight-Inch Round Cylinder Down Lighting

LUMENS / WATTAGE nominal

Model	Watts	Lumens
FCC800	6.3 W	500 lm
	10 W	1000 lm
	14 W	1500 lm
	19 W	2000 lm
	24 W	2500 lm
	29 W	3000 lm
	35 W	3500 lm
	38 W	4000 lm
	44 W	4500 lm
	49 W	5000 lm
	57 W	5500 lm
	62 W	6000 lm
	68 W	6500 lm
	73 W	7000 lm
	79 W	7500 lm

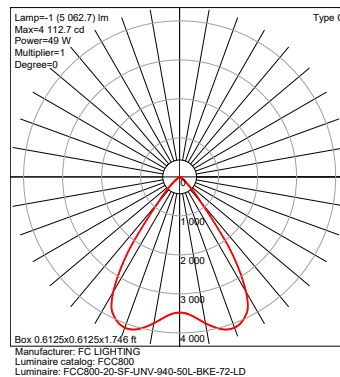
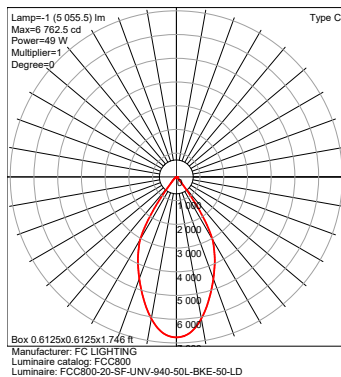
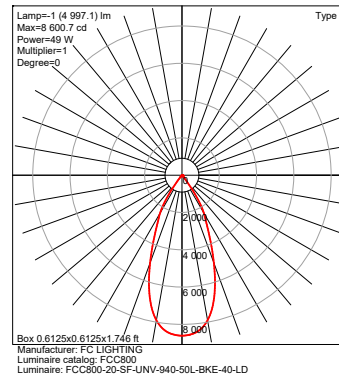
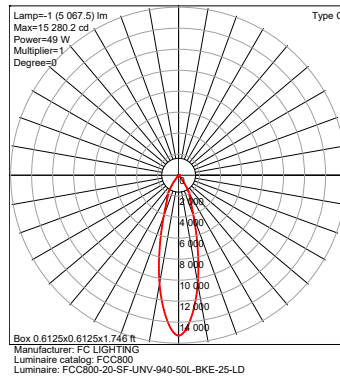
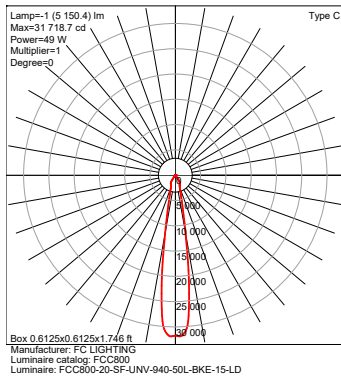
IES Multiplier	
Color	Multiplier
927	0.92
930	0.95
935	0.98
940	1.00

*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
Leviton	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.

FCC800 Eight-Inch Round Cylinder Down Lighting

MORE DIMENSIONS

Cutt-Off Visor (CV) (Down Only)

