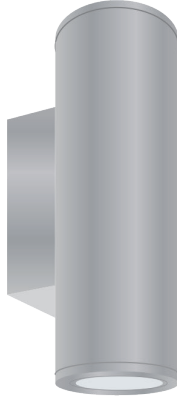


Date:	Approved:
Type:	
Fixture:	
Project:	

FCC800 Eight-Inch Round Cylinder – Wall Mount Up/Down or Up Lighting

Standard Drivers without Battery Backup



FEATURES

- Up to 8000 lumens (4000K)
- 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)
- 90 CRI with 2 SDCM

PERFORMANCE

- Beam Spread:** 15°, 25°, 40°, 50°, 72°
- CCT Options:** 2700K, 3000K, 3500K, 4000K
- CRI:** >90 CRI
- Consistency:** 2 SDCM (Luminaire to Luminaire)
- Lumens:** 8000 lumens, maximum 4000 lumens in one direction (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.

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 79W

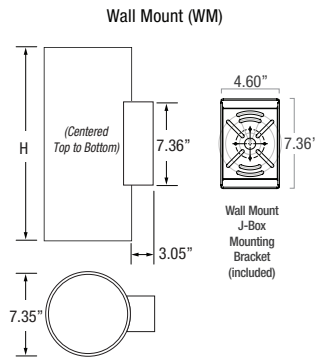
Dimming: standard: 0-10V, 1% Dimming, **optional:** ELV, TRIAC, dim to off, DMX, DALI

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	Height (H)
FCC812W	12.95" Height (1 Integral Driver Only)
FCC814W	14.95" Height (1 Integral Driver Only)
FCC816W	16.95" Height
FCC818W	18.95" Height
FCC820W	20.95" Height (All above are Wall Mount Standard)



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

Approved: _____

FCC800 Eight-Inch Round Cylinder – Wall Mount Up/Down or Up Lighting

PRODUCT CODE

EXAMPLE: FCC812W-UNV-927-505L-BKE-D15U15-ET

MODEL	LENGTH	MOUNTING	VOLTAGE	COLOR	LUMENS	FINISH	DOWNLIGHT OPTICS	UPLIGHT OPTICS	DIMMING	OPTIONS																																																																														
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 20%;"> <p>MODEL</p> <p>FCC812W 12.95" Height (1 Integral Driver Only)</p> <p>FCC814W 14.95" Height (1 Integral Driver Only)</p> <p>FCC816W 16.95" Height</p> <p>FCC818W 18.95" Height</p> <p>FCC820W 20.95" Height (All above are Wall Mount Standard)</p> </div> <div style="width: 30%;"> <p>DOWN LUMENS (nominal) UP LUMENS</p> <table border="1"> <thead> <tr> <th>NO</th> <th>No Light Option</th> <th></th> </tr> </thead> <tbody> <tr><td>5</td><td>500 lm</td><td>05L</td></tr> <tr><td>10</td><td>1000 lm</td><td>10L</td></tr> <tr><td>15</td><td>1500 lm</td><td>15L</td></tr> <tr><td>20</td><td>2000 lm</td><td>20L</td></tr> <tr><td>25</td><td>2500 lm</td><td>25L</td></tr> <tr><td>30</td><td>3000 lm</td><td>30L</td></tr> <tr><td>35</td><td>3500 lm</td><td>35L</td></tr> <tr><td>40</td><td>4000 lm</td><td>40L</td></tr> <tr><td>45</td><td>4500 lm</td><td>45L</td></tr> <tr><td></td><td>5000 lm</td><td>50L</td></tr> <tr><td></td><td>5500 lm</td><td>55L</td></tr> <tr><td></td><td>6000 lm</td><td>60L</td></tr> <tr><td></td><td>6500 lm</td><td>65L</td></tr> <tr><td></td><td>7000 lm</td><td>70L</td></tr> <tr><td></td><td>7500 lm</td><td>75L</td></tr> </tbody> </table> <p>(Standard Lumen Output Split 50% Up / 50% Down) (Additional driver needed for unequal output selections)</p> <p>See the Lumen Compatibility Matrix on page 3 for lumen combination height restrictions.</p> </div> <div style="width: 20%;"> <p>DOWN LIGHT OPTICS (nominal) UPLIGHT OPTICS</p> <table border="1"> <tbody> <tr><td>D15</td><td>Spot (15°)</td><td>U15</td></tr> <tr><td>D25</td><td>Narrow Flood (25°)</td><td>U25</td></tr> <tr><td>D40</td><td>Mid Flood (40°)</td><td>U40</td></tr> <tr><td>D50</td><td>Flood (50°)</td><td>U50</td></tr> <tr><td>D72</td><td>Wide Flood (72°)</td><td>U72</td></tr> </tbody> </table> <p>WITH SOFT FIELD LENS (Below)</p> <table border="1"> <tbody> <tr><td>D15S</td><td>Spot (15°)</td><td>U15S</td></tr> <tr><td>D25S</td><td>Narrow Flood (25°)</td><td>U25S</td></tr> <tr><td>D40S</td><td>Mid Flood (40°)</td><td>U40S</td></tr> <tr><td>D50S</td><td>Flood (50°)</td><td>U50S</td></tr> <tr><td>D72S</td><td>Wide Flood (72°)</td><td>U72S</td></tr> </tbody> </table> </div> <div style="width: 10%;"> <p>DIMMING</p> <p>ET ELV or TRIAC Driver (120V Phase Dimming w/ UNV Driver) (Maximum 2525L)</p> <p>LD 0-10V Dimming, 1% (Standard)</p> <p>ET2* ELV or TRIAC Drivers (Qty. 2) (120V Phase Dimming w/ UNV Drivers)</p> <p>LD2* 0-10V Dimming, 1% (Qty. 2)</p> <p>*ET2/LD2 required for uneven lumen output options.</p> </div> <div style="width: 10%;"> <p>OPTIONS</p> <p>CV Cut-Off Visor (Down Only)</p> </div> </div>											NO	No Light Option		5	500 lm	05L	10	1000 lm	10L	15	1500 lm	15L	20	2000 lm	20L	25	2500 lm	25L	30	3000 lm	30L	35	3500 lm	35L	40	4000 lm	40L	45	4500 lm	45L		5000 lm	50L		5500 lm	55L		6000 lm	60L		6500 lm	65L		7000 lm	70L		7500 lm	75L	D15	Spot (15°)	U15	D25	Narrow Flood (25°)	U25	D40	Mid Flood (40°)	U40	D50	Flood (50°)	U50	D72	Wide Flood (72°)	U72	D15S	Spot (15°)	U15S	D25S	Narrow Flood (25°)	U25S	D40S	Mid Flood (40°)	U40S	D50S	Flood (50°)	U50S	D72S	Wide Flood (72°)	U72S
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<p>VOLTAGE</p> <p>UNV Universal 120 - 277 VAC</p> <p>347V* 347 VAC</p> <p>*Available for 1 driver for 1515L - 3030L only (3030L Minimum 16" Height); 2 drivers for 25L - 35L single direction only; LD only</p>																																																																																								
<p>COLOR</p> <table border="1"> <tbody> <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> </tbody> </table> <p>Other CCT/CRI available upon request.</p>											927	(93CRI) 2700K	930	(93CRI) 3000K	935	(93CRI) 3500K	940	(93CRI) 4000K																																																																						
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FCC800 Eight-Inch Round Cylinder – Wall Mount Up/Down or Up Lighting

LUMENS / WATTAGE nominal

Model	Watts	Single Direction Lumens	Total Up/Down Lumens
FCCXXW	11 W	500 lm	1000 lm
1 Integral Driver	20 W	1000 lm	2000 lm
	30 W	1500 lm	3000 lm
	34 W	2000 lm	4000 lm
	40 W	2500 lm	5000 lm
	50 W	3000 lm	6000 lm
	59 W	3500 lm	7000 lm
	69 W	4000 lm	8000 lm
	FCCXXW*	6.3 W	500 lm
2 Integral Drivers	10 W	1000 lm	
	13 W	1500 lm	
	18 W	2000 lm	
	23 W	2500 lm	
	28 W	3000 lm	
	34 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

*Add the wattages for each lumen package selected to get total wattage.

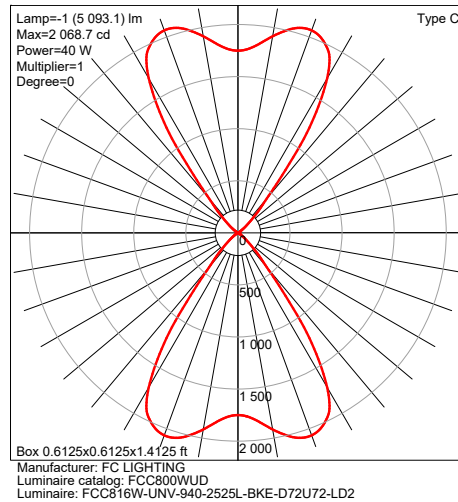
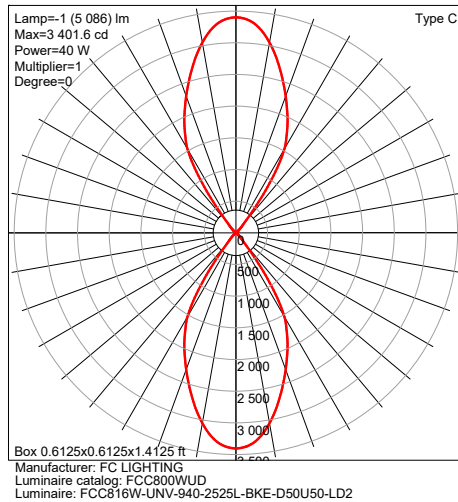
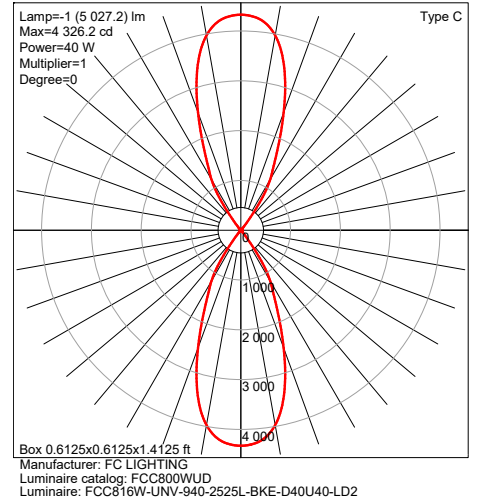
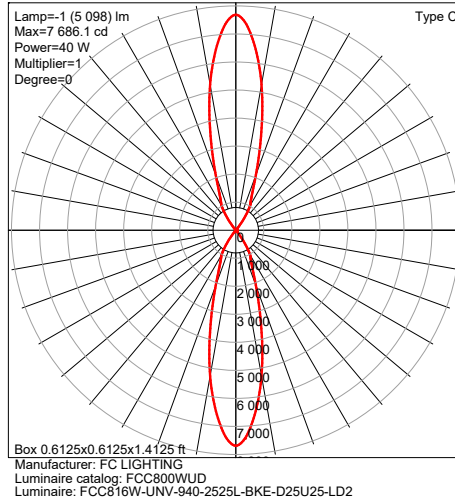
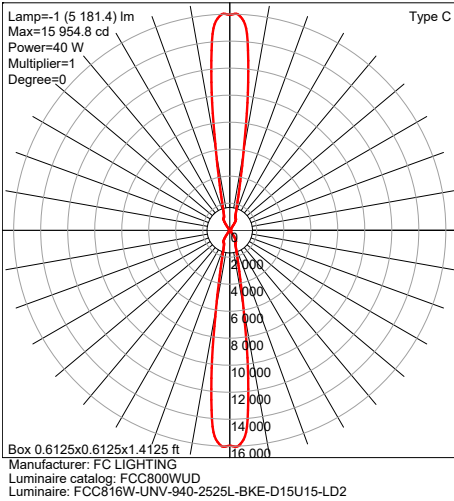
LUMEN COMPATIBILITY MATRIX

FCC800WUD		UP LUMENS														
		05L	10L	15L	20L	25L	30L	35L	40L	45L	50L	55L	60L	65L	70L	75L
DOWN LUMENS	NO	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 12"	MIN 16"	MIN 18"	MIN 20"
	05L	MIN 12"	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 16"								
	10L	MIN 16"	MIN 12"	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 16"								
	15L	MIN 16"	MIN 16"	MIN 12"	MIN 16"	MIN 16"	MIN 16"	MIN 16"								
	20L	MIN 16"	MIN 16"	MIN 16"	MIN 12"	MIN 16"	MIN 16"	MIN 16"								
	25L	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 12"	MIN 16"	MIN 16"								
	30L	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 12"	MIN 16"								
	35L	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 16"	MIN 16"								
	40L								MIN 16"							

Notes: Blank cells mean there is NO compatibility.

FCC800 Eight-Inch Round Cylinder – Wall Mount Up/Down or Up Lighting

PHOTOMETRICS



FCC800 Eight-Inch Round Cylinder – Wall Mount Up/Down or Up Lighting

MORE DIMENSIONS

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

