

FCC8GA Eight-Inch Round Cylinder – Wall, Pendant, or Surface Mount Down Lighting

Adjustable Gimbal Ring without Battery Backup



FEATURES

- Up to 3500 lumens (4000K)
- Adjustable gimbal ring w/ 32° Tilt, 359° Rotate
- Clear anti-glare tempered glass lens (IK08)
- Multiple housing colors
- Tri-Dim (0-10V 1% UNV, TRIAC & ELV 120 VAC) (Standard)
- 93 CRI with 2 SDCM

PERFORMANCE

Beam Spread: 15°, 25°, 60°
CCT Options: 2700K, 3000K, 3500K, 4000K
CRI: 93 CRI
Consistency: 2 SDCM (Luminaire to Luminaire)
Lumens: 2000 - 3500 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. 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, wall mount, twist-lock canopy, swivel holder 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: IK08 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

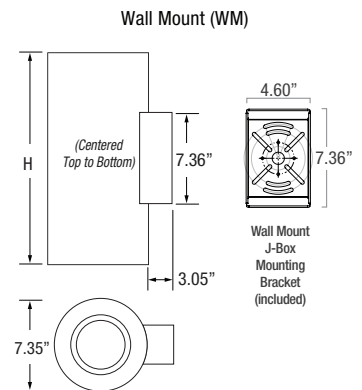
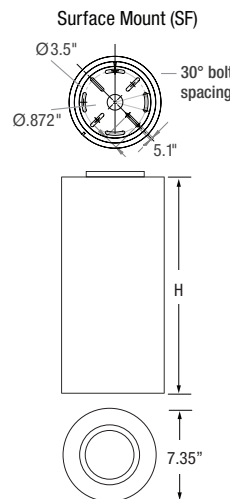
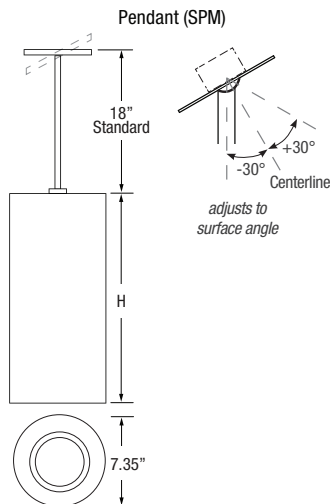
Power Consumption: Maximum 34W

Dimming: standard: Tri-Dim includes 0-10V, 1%, TRIAC and ELV Dimming
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.
- IK08 (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 (H)
FCC8GA-10	10.95" Height
FCC8GA-12	12.95" Height
FCC8GA-14	14.95" Height
FCC8GA-16	16.95" Height
FCC8GA-18	18.95" Height
FCC8GA-20	20.95" Height



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PRODUCT CODE

EXAMPLE: FCC8GA-10-SPM-18-UNV-927-20L-BKE-15-TD-HC

MODEL	HEIGHT	MOUNTING	SUSP. LENGTH	VOLTAGE	COLOR	LUMENS	FINISH	OPTIC	DIMMING	OPTIONS	BATTERY
FCC8GA											

<p>MODEL FCC8GA</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>	10	10.95" Height	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</td></tr> </table>	UNV	Universal 120 - 277 VAC	347V	347 VAC	<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 typical</p> <table border="0"> <tr><td>20L</td><td>2000 lm @ 18W</td></tr> <tr><td>25L</td><td>2500 lm @ 23W</td></tr> <tr><td>30L</td><td>3000 lm @ 27W</td></tr> <tr><td>35L</td><td>3500 lm @ 34W</td></tr> </table>	20L	2000 lm @ 18W	25L	2500 lm @ 23W	30L	3000 lm @ 27W	35L	3500 lm @ 34W	<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 typical</p> <table border="0"> <tr><td>15</td><td>Spot (15°)</td></tr> <tr><td>25</td><td>Mid Spot (25°)</td></tr> <tr><td>60</td><td>Flood (60°)</td></tr> </table> <p>w/SOFT FIELD</p> <p>N/A (Leave Blank)</p>	15	Spot (15°)	25	Mid Spot (25°)	60	Flood (60°)	<p>DIMMING</p> <table border="0"> <tr><td>TD</td><td>Tri-Dim (0-1V 1%, TRIAC & ELV) (120 VAC Phase Dimming w/ UNIV Driver) (Standard)</td></tr> <tr><td>LD347</td><td>0-10V 1% (347 VAC Only)</td></tr> </table>	TD	Tri-Dim (0-1V 1%, TRIAC & ELV) (120 VAC Phase Dimming w/ UNIV Driver) (Standard)	LD347	0-10V 1% (347 VAC Only)	<p>OPTIONS</p> <table border="0"> <tr><td>HC</td><td>Honeycomb Louver</td></tr> </table>	HC	Honeycomb Louver	<p>BATTERY</p> <p>N/A (Leave blank)</p>
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LUMENS typical

Model	Watts	940
FCC8GA	18 W	2000 lm
	23 W	2500 lm
	27 W	3000 lm
	34 W	3500 lm

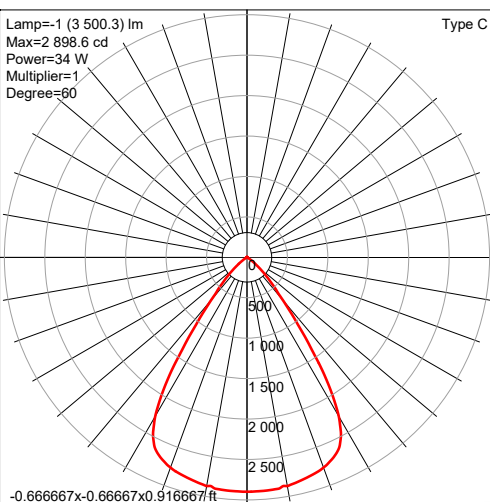
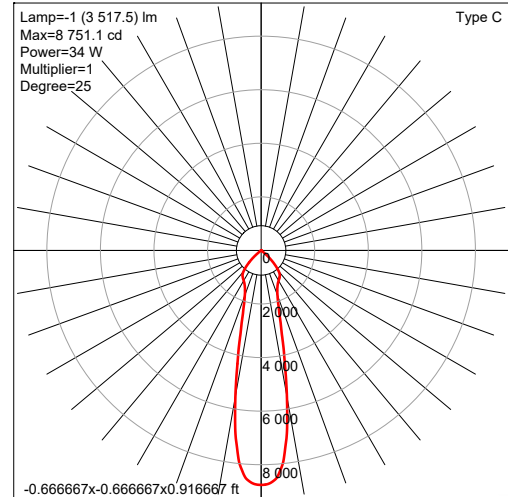
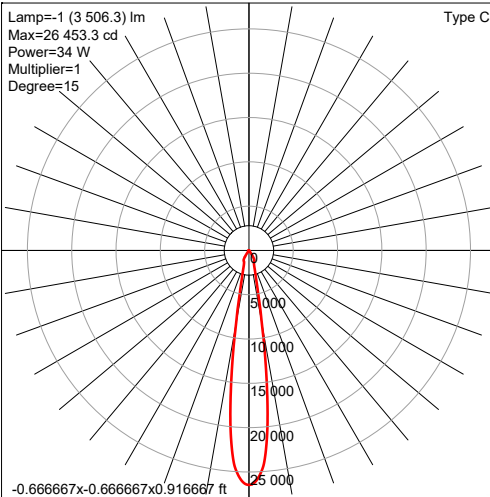
IES Multiplier	
Color	Multiplier
927	0.93
930	0.97
935	0.99
940	1.00

*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
Leviton	Nova T NTELV-600
	Skyark 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



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