



**6" ROUND DIRECT
DAMP LOCATION
GAMMA SERIES**

PROJECT: _____
 QUANTITY: _____ TYPE: _____



CF0606PC



CF0612PC



CF0618PC

SERIES	LUMENS ¹	CCT	OPTICS	DRIVER / DIMMING ²	LENS	MOUNTING ³	FINISH ⁶
CF0606PC 6" x 6"	10L 750 Lm	80 CRI	ND 13°	EX Electronic Driver, 120V/277V	NL No Lens	HM ⁴ Hang Straight	MW ⁷ Matte White
	15L 1150 Lm	27K 2700K	MD 30°	DO10X 1%, 0-10V, 120V/277V	CL Clear Glass Lens	PM ⁴ Rigid Pendant Mount	MB ⁷ Matte Black
CF0612PC 6" x 12"	20L 1550 Lm	30K 3000K	WD 53°	DS2W1 ELV/MLV, 120V	SO Micro Prism Solite™ Lens	AT ⁴ Hang Straight All Thread	PT ⁷ Platinum Silver
	30L 2300 Lm	35K 3500K	XW 78°		HL Hex Louver	CM ^{4/5} Cord Mount	CC Custom Color
CF0618PC 6" x 18"	40L 3100 Lm	40K 4000K				CD ^{4/5} Cord / Cable Mount	
						CD72 72" Cord / Cable Mount	
		90 CRI				SM Surface Mount	
		27HK 2700K				EMERGENCY BATTERY OPTIONS	
		30HK 3000K				EMCRC ⁵ 10W Canopy Mounted EM	See Page 5 for Full Range of Color Options (83-90095)
						EMRM ⁵ 7W Remote EM	
						EMEN ⁵ 7W Remote with Enclosure	

QUICK SHIP

EXAMPLE: CF0606PC15L35KNDEX/NL/HM36/MW

NOTES:

1 Nominal Delivered Lumens at 3500K 2 Consult Factory for Additional Options 3 See Mounting Page for Details on Components and Finishes 4 Specify Length in Inches: See Mounting Page for Available Lengths
 5 EMxx Option Not Available with CD and CM Mounting 6 See Color Page for More Options/Consult Factory for Special Finishes 7 Standard Finishes





6" ROUND DIRECT DAMP LOCATION GAMMA SERIES

LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS ¹	SYSTEM WATTS	LPW
CF0612PC 10L	732	6.5	113
CF0612PC 15L	1083	9.5	114
CF0612PC 20L	1463	12.9	113
CF0612PC 30L	2195	19.9	110
CF0612PC 40L	2926	27.4	107

¹Nominal Delivered Lumens at 3500K, 80 CRI, Medium Optic with Clear Lens

QUICK SHIP

Quick Ship highlights products that can ship in 5 - 10 working days.

APPLICATION

The Gamma Family of Cylinders are a robust offering of point source LED luminaires featuring high efficacies, an assortment of optical control, and installation flexibility, which make them suitable for a wide range of commercial and institutional applications.

ELECTRONICS

Solid-state light engine available in various color temperatures and lumen outputs. Specifiable in 2700K, 3000K, 3500K, 4000K in CRI 80 (Typ.), or 2700K, 3000K in CRI 90 (Typ.), color accuracy ≤ 3 SDCM. Selection of integral electronic constant current, dimmable drivers available, power factor > 0.9 (Typ). Driver and light engine are field serviceable for future replacement or upgrades. Emergency battery options provide 10W or 7W for 90 minutes.

CONSTRUCTION

Seamless cylinder body machined from 6063 extruded aluminum. Trim and top cap are die-cast aluminum. Twist and lock trim design for no visible fasteners. Passive aluminum heatsink optimized for LED life and performance. Specular reflectors offered in variety of beam spreads. Lens accessory options available (maximum of 2). Luminaire will not exceed 10 lbs.

MOUNTING

All pendant option lengths are specified in inches. Mounting bracket and canopies provided for direct installation with 4" octagonal junction boxes. Hang Mount (3/8"NPT), All-Thread (1/4"IP), and Rigid Stem (3/8"IP) are 1/2" diameter and produced from steel pipe. Hang Mount and All-Thread options provide up to 45° tilt correction. Cord/Cable Mount kit provided with adjustable aircraft cable and power cord, allows field-adjustable suspension length. Cord Mount provided with power cord and strain reliefs. Surface mount kit provided with aluminum mounting plate to install directly to junction box. See mounting page for additional information. Contact factory for special installation circumstances.

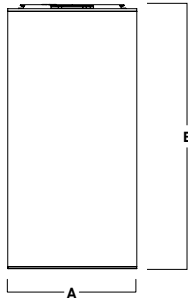
FINISH

Multi-stage polyester powder-coat process applied on our in-house finishing department. Custom colors also available (contact factory with RAL#). Canopy and stems will match cylinder finish specification.

CODE COMPLIANCE

ETL Listed. Suitable for dry or damp locations with operation in ambient conditions up to 25°C. 5 year limited warranty on all components. Proudly designed and manufactured in Massachusetts, USA.

DIMENSIONS



Dimensioned with **CF0612PC**

SERIES	A	B
CF0606PC	6.1	6.4
CF0612PC	6.1	12.4
CF0618PC	6.1	18.4

SERIES SIZES

CF0606PC



CF0612PC



CF0618PC



STANDARD FINISHES SHOWN WITH CF0612PC

MW
Matte White



MB
Matte Black



PT
Platinum Silver



CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

HM / AT / PM

HANG STRAIGHT / ALL THREAD / PENDANT



CF0612PC SHOWN WITH PM

CD

CORD / CABLE MOUNT



CF0612PC SHOWN WITH CD

CM

CORD MOUNT



CF0612PC SHOWN WITH CM

SM

SURFACE MOUNT



CF0612PC SHOWN WITH SM





6" ROUND DIRECT

GAMMA SERIES / PHOTOMETRIC DATA

CF06XXPC 40L 35K ND XX CL XX

CANDLEPOWER CURVE TEST SP-01041	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT						
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 4		RCR 6		
	0°	0° - 10° 866 29%	8'	263 fc	1.9'	129 fc	22'	4'	169	1.73	139	1.59	
	0°	0° - 20° 16841	10'	168 fc	2.4'	82 fc	26'	5'	112	1.15	92	1.05	
	5°	0° - 30° 11572	12'	117 fc	2.8'	57 fc	30'	6'	79	0.82	66	0.75	
	15°	0° - 40° 1784	14'	86 fc	3.3'	42 fc	Delivered Illuminance Rating: (DIR) 97 FC per W/Sq. Ft. 87 FC per W/Sq. Ft.						
	25°	0° - 60° 1162	16'	66 fc	3.8'	32 fc	2' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50 RCR 6: Length & Width = Ceiling Ht. - 4.5' x 1.66						
	35°	0° - 80° 997	20'	42 fc	4.7'	21 fc	* Average Footcandles at 2.5' Above Floor						
	45°	0° - 90° 330	24'	29 fc	5.7'	14 fc	** Exceeds Spacing Ratio by 1%						
	55°	0° - 90° 5	28'	21 fc	6.6'	11 fc	*** Exceeds Spacing Ratio by 2%						
	90°	0° - 90° 0	Total	2941	100%								

Delivered Lumens: 2941
Luminaire Watts: 27.4
LER: 107.34

CP at 0° (Nadir): 16841
CRI: 80

Beam Angle: 13°
Spacing Ratio: 0.23

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.75
CCT Multiplier: 27K x 0.97, 30K x 0.98, 40K x 1.04
27HK x 0.78, 30HK x 0.82
See Page 1 for System Watts for all outputs

CF06XXPC 40L 35K MD XX CL XX

CANDLEPOWER CURVE TEST SP-01038	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT						
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 3		RCR 5		
	0°	0° - 10° 478 16%	8'	89 fc	4.4'	40 fc	18'	6'	67	0.66	53	0.60	
	0°	0° - 20° 5685	10'	57 fc	5.5'	26 fc	22'	8'	40	0.40	32	0.36	
	5°	0° - 30° 5293	12'	39 fc	6.6'	18 fc	26'	10'	26	0.26	21	0.24	
	15°	0° - 40° 2892	14'	29 fc	7.7'	13 fc	Delivered Illuminance Rating: (DIR) 101 FC per W/Sq. Ft. 89 FC per W/Sq. Ft.						
	25°	0° - 60° 1335	16'	22 fc	8.8'	10 fc	2' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33 RCR 5: Length & Width = Ceiling Ht. - 4.5' x 2.00						
	35°	0° - 80° 1019	20'	14 fc	11.0'	6 fc	* Average Footcandles at 2.5' Above Floor						
	45°	0° - 90° 297	24'	10 fc	13.2'	4 fc							
	55°	0° - 90° 10	28'	7 fc	15.3'	3 fc							
	90°	0° - 90° 0	Total	2926	100%								

Delivered Lumens: 2926
Luminaire Watts: 27.4
LER: 106.79

CP at 0° (Nadir): 5685
CRI: 80

Beam Angle: 30°
Spacing Ratio: 0.50

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.75
27K x 0.97, 30K x 0.98, 40K x 1.04, 27HK x 0.78, 30HK x 0.82
See Page 1 for System Watts for all outputs

CF06XXPC 40L 35K WD XX CL XX

CANDLEPOWER CURVE TEST SP-01287_M-40L	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY				MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT						
			Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		
	0°	0° - 10° 316 11%	8'	54 fc	7.9'	20 fc	14'	6'	83	0.77	72	0.77	
	0°	0° - 20° 3445	10'	34 fc	9.9'	13 fc	18'	8'	41	0.38	36	0.38	
	5°	0° - 30° 3326	12'	24 fc	11.9'	9 fc	22'	10'	31	0.29	21	0.23	
	15°	0° - 40° 2624	14'	18 fc	13.9'	7 fc	Delivered Illuminance Rating: (DIR) 108 FC per W/Sq. Ft. 94 FC per W/Sq. Ft.						
	25°	0° - 60° 1732	16'	13 fc	15.8'	5 fc	2' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 4.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50						
	35°	0° - 80° 1039	20'	9 fc	19.8'	3 fc	* Average Footcandles at 2.5' Above Floor						
	45°	0° - 90° 225	24'	6 fc	23.8'	2 fc							
	55°	0° - 90° 21	28'	4 fc	27.7'	2 fc							
	90°	0° - 90° 2	Total	2913	100%								

Delivered Lumens: 2913
Luminaire Watts: 27
LER: 107.89

CP at 0° (Nadir): 3445
CRI: 80

Beam Angle: 53°
Spacing Ratio: 0.76

Lumen Multiplier: 10L x 0.25, 15L x 0.36, 20L x 0.50, 30L x 0.75
CCT Multiplier: 27K x 0.97, 30K x 0.98, 40K x 1.04
27HK x 0.78, 30HK x 0.83
See Page 1 for System Watts for all outputs





6" ROUND DIRECT

GAMMA SERIES / PHOTOMETRIC DATA

CF06XXPC 40L 35K XW XX CL XX

CANDLEPOWER CURVE TEST SP-01044	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY			MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT								
	0°	0° - 10°	206	7%	Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge	Ceiling Height	Fixture Spacing	RCR 1		RCR 3		
	0°	2153	0° - 20°	785	27%	6'	60 fc	9.7'	14 fc	14'	8'	50	0.44	42	0.44
	5°	2124	0° - 30°	1642	57%	8'	34 fc	12.9'	8 fc	18'	10'	29	0.25	21	0.22
	15°	2030	0° - 40°	2490	86%	10'	22 fc	16.1'	5 fc	22'	12'	20	0.18	20	0.20
	25°	1863	0° - 60°	2856	98%	12'	15 fc	19.3'	4 fc	Delivered Illuminance Rating: (DIR)		113 FC per W/Sq. Ft.		97 FC per W/Sq. Ft.	
	35°	1406	0° - 80°	2904	100%	14'	11 fc	22.5'	3 fc	2' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 1: Length & Width = Ceiling Ht. - 4.5' x 10.00 RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33 * Average Footcandles at 2.5' Above Floor					
	45°	401	0° - 90°	2906	100%	16'	8 fc	25.7'	2 fc						
	55°	26	Total	2907	100%	20'	5 fc	32.2'	1 fc						
	90°	0				24'	4 fc	38.6'	1 fc						

Delivered Lumens: **2907**
Luminaire Watts: **27.4**
LER: **106.09**

CP at 0° (Nadir): **2153**
CRI: **80**

Beam Angle: **78°**
Spacing Ratio: **1.17**

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.75
CCT Multiplier: 27K x 0.97, 30K x 0.98, 40K x 1.04
27HK x 0.78, 30HK x 0.82

See Page 1 for System Watts for all outputs

STANDARD MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.
NOTE: THIS IS TYPICAL OF CYLINDERS SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



CANOPY DIMENSIONS

HM / PM / AT CANOPY		CM CANOPY		CD CANOPY		SM CANOPY		EMCRC CANOPY	
A	B	A	B	A	B	A		A	B
5.0	1.5	5.0	.25	5.0	.25	4.9		9.0	3.25
127.0 mm	38.1 mm	127.0 mm	6.4 mm	127.0 mm	6.4 mm	124.5 mm		228.6 mm	82.6 mm

MOUNTING TYPES

HM*	PM*	AT**	CM	CD	SM
HANG STRAIGHT	RIGID PENDANT MOUNT	HANG STRAIGHT ALL THREAD	CORD MOUNT	CORD / CABLE MOUNT	SURFACE MOUNT
45° SWIVEL 5/8" OD STEM - 3/8" IP	RIGID 5/8" OD STEM - 3/8" IP	45° SWIVEL 5/8" OD STEM - 1/4" IP	SJ CORD WITH STRAIN RELIEF	SJ CORD WITH 1/16 SS CABLE	
ORDER: HM (Length) SPECIFY LENGTH: HM3 - 3" HM24 - 24" HM6 - 6" HM36 - 36" HM12 - 12" 36" HM18 - 18" HM48 - 48" HMLC(XX) HM72 - 72" Custom Length (Specify in Inches)	ORDER: PM (Length) SPECIFY LENGTH: PM3 - 3" PM24 - 24" PM6 - 6" PM36 - 36" PM12 - 12" PM48 - 48" PM18 - 18" PM72 - 72" PMLC(XX) Custom Length (Specify in Inches)	ORDER: AT (Length) SPECIFY LENGTH: AT12 - 12" AT24 - 24" AT36 - 36" 	ORDER: CM (Length) SPECIFY LENGTH: CM36 - 36" CM72 - 72" CM144 - 144" CMLC(XX) Custom Length (Specify in Inches)	ORDER: CD (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" CDLC(XX) Custom Length (Specify in Inches)	ORDER: SM (Flush to Ceiling)
*MAXIMUM ONE PIECE STEM LENGTH IS 72". **MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS.					

REMOTE EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY (50' MAX)	EMEN* - 7W REMOTE EMERGENCY BATTERY WITH ENCLOSURE (50' MAX)												
<table border="1"> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> <tr> <td>1.3</td> <td>12.6</td> <td>13.0</td> </tr> </table>	A	B	C	1.3	12.6	13.0	<table border="1"> <tr> <th>A</th> <th>B</th> <th>C</th> </tr> <tr> <td>2.0</td> <td>17.0</td> <td>6.2</td> </tr> </table>	A	B	C	2.0	17.0	6.2
A	B	C											
1.3	12.6	13.0											
A	B	C											
2.0	17.0	6.2											

*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY



COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



STANDARD CORD / STEM / CANOPY FINISHES

FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	⓪
Tier 2 - Typical Finishes	\$\$	⓪⓪
Custom Color	Contact Factory	Contact Factory

*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

TIER 1 - STANDARD FINISHES



TIER 2 - TYPICAL FINISHES



CUSTOM COLOR FINISHES

CONTACT FACTORY

CC
Custom Color



*UNAVAILABLE FOR WET LOCATION

