



6" ROUND DIRECT / INDIRECT
DAMP LOCATION
GAMMA SERIES

PROJECT: _____
 QUANTITY: _____ TYPE: _____



CF0612UDPC



CF0618UDPC

SERIES	LUMENS ^{1/2}		CCT	OPTICS ³			DRIVER / DIMMING ⁴		LENS ⁵	MOUNTING ⁶		FINISH ⁷	
CF0612UDPC 6" x 12"	10L	1350 Lm	80 CRI	UPLIGHT		DOWNLIGHT		EX Electronic Driver, 120V/277V DO10X 1%, 0-10V, 120V/277V DS2W1 ELV/MLV, 120V	NL No Lens CL Clear Lens SO Micro Prism Solite™ Lens HL Hex Louver	WM Wall Mount	MW ⁸ Matte White MB ⁸ Matte Black PT ⁸ Platinum Silver CC Custom Color		
	15L	2000 Lm	27K 2700K	ND 13°	ND 13°	MD 30°	MD 30°						
CF0618UDPC 6" x 18"	20L	2750 Lm	30K 3000K	MD 30°	MD 30°	MD 30°	MD 30°						
	30L	4100 Lm	35K 3500K	WD 53°	WD 53°	WD 53°	WD 53°						
	40L	5450 Lm	40K 4000K	XW 78°	XW 78°	XW 78°	XW 78°						
			90 CRI										
			27HK 2700K										
			30HK 3000K										
			35HK 3500K										
			40HK 4000K										
										EMER. BAT. OPTIONS			
										EMRM 7W Remote EM			
										EMEN 7W Remote EM with Enclosure			

EXAMPLE: CF0612UDPC15L35KMDWDEX/NL/WM/MW

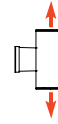
NOTES:
 1 Nominal Delivered Combined Uplight/Downlight Lumens at 3500K 2 Uplight & Downlight Use The Same Lumen Output 3 See IES Files for Details 4 Consult Factory for Additional Options
 5 Uplight & Downlight Use The Same Lens 6 See Mounting Page for Details on Components and Finishes 7 Reference Color Sheet Located on Product Webpage for Full List of Available Colors 8 Standard Finishes





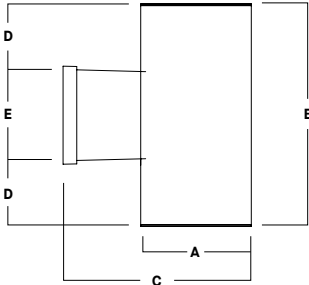
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LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS	SYSTEM WATTS	LPW
CF0618UDPC 10L	1364	12.9	106
CF0618UDPC 15L	2019	19	106
CF0618UDPC 20L	2729	25.8	106
CF0618UDPC 30L	4093	39.8	103
CF0618UDPC 40L	5457	54.8	100



¹ Nominal Delivered Combined Uplight/Downlight Lumens at 3500K, 80 CRI, Wide Optic with Clear Lens up and No Lens down

DIMENSIONS



Dimensioned with **CF0612UDPC**

SERIES	A	B	C	D	E
CF0612UDPC	6.1	12.2	10.3	3.4	5.4
CF0618UDPC	6.1	18.2	10.3	6.4	5.4

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, 3500K, 4000K 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 7W for 90 minutes. Direct and Indirect output and CCT will match.

CONSTRUCTION

Seamless cylinder body machined from 6063 extruded aluminum. Trims are die-cast aluminum. Twist and lock trim design for no visible fasteners. Passive aluminum heatsink optimized for LED life and performance. Direct and indirect individually specified specular reflectors offered in variety of beam spreads. Lens accessory options available (maximum of 2) will match direct and indirect.

MOUNTING

Mounting bracket for direct installation with 4" octagonal junction boxes. Single-piece, seamless die-cast aluminum wall arm. 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#). Wall arm 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.

SERIES SIZES

CF0612UDPC



CF0618UDPC



STANDARD FINISHES SHOWN WITH CF0612UDPC

MW
Matte White



MB
Matte Black

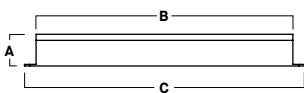


PT
Platinum Silver



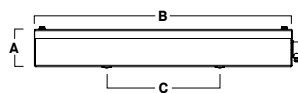
EMERGENCY BATTERY OPTIONS

EMRM* - 7W REMOTE EMERGENCY BATTERY
(50' MAX)



A	B	C
1.3	12.6	13.0

EMEN* - 7W REMOTE EMERGENCY BATTERY
WITH ENCLOSURE (50' MAX)



A	B	C
2.0	17.0	6.2

*OTHER EM BATTERY SIZES AVAILABLE. CONSULT FACTORY





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GAMMA SERIES / PHOTOMETRIC DATA

CF06XXUDPC 40LNDCL 40LNDNL 35KXX XXMW (IND/DIR Damp location)

CANDLEPOWER CURVE TEST SP-01081_1	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY		
		0° - 10°	956	16%	Mounting Height AFF	FC at Center on Floor
	0°	0° - 30°	2101	35%	8'	302 fc
	0°	0° - 60°	2991	50%	10'	193 fc
	20°	90° - 120°	5	0%	12'	134 fc
	40°	90° - 150°	965	16%	14'	99 fc
	60°	0° - 90°	2994	51%	16'	75 fc
	80°	90° - 180°	2933	49%	20'	48 fc
	90°	Total	5927	100%	24'	34 fc
	100°				28'	25 fc
	120°					
	140°					
	160°					
	180°					

Delivered Lumens: 5927 CP at 0° (Nadir): 19308
 Luminaire Watts: 54.8
 LER: 108.16 CRI: 80

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.x75
 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

CF06XXUDPC 40LMDCL 40LMDNL 35KXX XXMW (IND/DIR Damp location)

CANDLEPOWER CURVE TEST SP-01080_1	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY		
		0° - 10°	521	10%	Mounting Height AFF	FC at Center on Floor
	0°	0° - 30°	2061	38%	8'	97 fc
	0°	0° - 60°	2940	55%	10'	62 fc
	20°	90° - 120°	9	0%	12'	43 fc
	40°	90° - 150°	787	15%	14'	32 fc
	60°	0° - 90°	2943	55%	16'	24 fc
	80°	90° - 180°	2444	45%	20'	16 fc
	90°	Total	5387	100%	24'	11 fc
	100°				28'	8 fc
	120°					
	140°					
	160°					
	180°					

Delivered Lumens: 5387 CP at 0° (Nadir): 6219
 Luminaire Watts: 54.8
 LER: 98.30 CRI: 80

Lumen Multiplier: 10L x 0.25, 15L x 0.37, 20L x 0.50, 30L x 0.x75
 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





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GAMMA SERIES / PHOTOMETRIC DATA

CF06XXUDPC 40LWDCL 40LWDNL 35KXX XXMW (IND/DIR Damp location)

CANDLEPOWER CURVE TEST SP-01295	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY			
	0°	0° - 10°	312	6%	Mounting Height AFF	FC at Center on Floor
	0° 3441	0° - 30°	1855	34%		
	20° 2251	0° - 60°	2697	49%	10'	34 fc
	40° 705	90° - 120°	21	0%	12'	24 fc
	60° 2	90° - 150°	948	17%	14'	18 fc
	80° 2	0° - 90°	2702	50%	16'	13 fc
	90° 2	90° - 180°	2754	50%	20'	9 fc
	100° 5	Total	5457	100%	24'	6 fc
	120° 18				28'	4 fc
	140° 761					
	160° 2232					
	180° 3219					

Delivered Lumens: 5457 CP at 0° (Nadir): 3441
 Luminaire Watts: 54.8 LER: 99.58 CRI: 80

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

CF06XXUDPC 40LXWCL 40LXWNL 35KXX XXMW (IND/DIR Damp location)

CANDLEPOWER CURVE TEST SP-01082_1	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY			
	0°	0° - 10°	213	4%	Mounting Height AFF	FC at Center on Floor
	0° 2210	0° - 30°	1746	30%		
	20° 2124	0° - 60°	2975	50%	10'	22 fc
	40° 1022	90° - 120°	51	1%	12'	15 fc
	60° 2	90° - 150°	1273	22%	14'	11 fc
	80° 2	0° - 90°	2980	50%	16'	9 fc
	90° 1	90° - 180°	2929	50%	20'	6 fc
	100° 6	Total	5909	100%	24'	4 fc
	120° 44				28'	3 fc
	140° 985					
	160° 2020					
	180° 2153					

Delivered Lumens: 5909 CP at 0° (Nadir): 2210
 Luminaire Watts: 54.8 LER: 107.83 CRI: 80

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

