



**6" ROUND DIRECT / INDIRECT**  
**WET LOCATION**  
 GAMMA SERIES

PROJECT: \_\_\_\_\_  
 QUANTITY: \_\_\_\_\_ TYPE: \_\_\_\_\_



CW0612UDPC



CW0618UDPC

SERIES	LUMENS <sup>1/2</sup>	CCT	OPTICS <sup>3</sup>				DRIVER / DIMMING <sup>4</sup>		LENS <sup>5</sup>	MOUNTING <sup>6</sup>	FINISH <sup>7</sup>
CW0612UDPC 6" x 12"	10L	1400 Lm	80 CRI		UPLIGHT	DOWNLIGHT		CL SO	WM	MW <sup>8</sup> Matte White MB <sup>8</sup> Matte Black PT <sup>8</sup> Platinum Silver CC Custom Color	
	15L	2050 Lm	27K	2700K	ND	14°	ND				14°
CW0618UDPC 6" x 18"	20L	2800 Lm	30K	3000K	MD	31°	MD	31°	EMER. BAT. OPTIONS	See Page 4 for Full Range of Color Options (83-90165)	
	30L	4150 Lm	35K	3500K	WD	52°	WD	52°			
	40L	5550 Lm	40K	4000K	XW	75°	XW	75°			
			90 CRI								
			27HK	2700K					EMRM	7W Remote EM	
			30HK	3000K					EMEN	7W Remote EM with Enclosure	
			35HK	3500K							
			40HK	4000K							

EXAMPLE: CW0612UDPC10L35KMDWDEX/CL/WM/MW

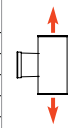
**NOTES:**  
 1 Nominal Delivered Combined Uplight/Downlight Lumens at 3500K 2 Uplight & Downlight Use The Same Lumen Output 3 See IES Files for Details 4 Consult Factory for Additional Options  
 5 Uplight & Downlight Use The Same Lens 6 See Mounting Page for Details on Components and Finishes 7 See Color Page for More Options/Consult Factory for Special Finishes 8 Standard Finishes





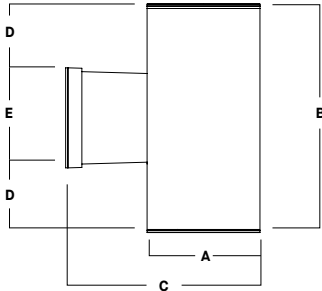
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LUMENS / WATTAGE DATA			
PART NUMBER	DELIVERED LUMENS <sup>1</sup>	SYSTEM WATTS	LPW
CW0618UDPC 10L	1385	12.9	107
CW0618UDPC 15L	2049	19	108
CW0618UDPC 20L	2769	25.8	107
CW0618UDPC 30L	4154	39.8	104
CW0618UDPC 40L	5538	54.8	101



<sup>1</sup> Nominal Delivered Combined Uplight/Downlight Lumens at 3500K, 80 CRI, Wide Optic with Clear Lens

## DIMENSIONS



Dimensioned with **CW0612UDPC**

SERIES	A	B	C	D	E
<b>CW0612UDPC</b>	6.1	12.3	10.5	3.4	5.4
<b>CW0618UDPC</b>	6.1	18.3	10.5	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  $\leq 3$  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. Trims self locate into machined body and are secured with self-sealing stainless steel hardware. Nitrile rubber o-rings provide additional ingress protection from water. Passive aluminum heatsink optimized for LED life and performance. Specular reflectors offered in variety of beam spreads. Lens type must be specified.

## 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 wet 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

**CW0612UDPC**



**CW0618UDPC**



## STANDARD FINISHES SHOWN WITH CW0612UDPC

**MW**  
Matte White



**MB**  
Matte Black

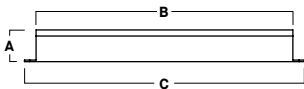


**PT**  
Platinum Silver



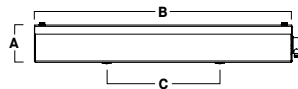
## EMERGENCY BATTERY OPTIONS

**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

CW06XXUDPC 40LNDCL 40LNDCL 35KXX XXMW (IND/DIR Wet location)

CANDLEPOWER CURVE TEST SP-01084	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY			
		0° - 10°	894	15%	Mounting Height AFF	FC at Center on Floor	
	0°	17337	0° - 30°	2006	34%	8'	271 fc
	20°	1284	0° - 60°	2912	50%	10'	173 fc
	40°	768	90° - 120°	6	0%	12'	120 fc
	60°	3	90° - 150°	919	16%	14'	88 fc
	80°	2	0° - 90°	2917	50%	16'	68 fc
	90°	1	90° - 180°	2920	50%	20'	43 fc
	100°	2	Total	5837	100%	24'	30 fc
	120°	3				28'	22 fc
	140°	830					
	160°	1302					
	180°	17336					

Delivered Lumens: 5837 CP at 0° (Nadir): 17337  
 Luminaire Watts: 54.8  
 LER: 106.51 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

CW06XXUDPC 40LMDCL 40LMDCL 35KXX XXMW (IND/DIR Wet location)

CANDLEPOWER CURVE TEST SP-01083	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS		SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY			
		0° - 10°	485	9%	Mounting Height AFF	FC at Center on Floor	
	0°	5721	0° - 30°	1907	34%	8'	89 fc
	20°	1845	0° - 60°	2815	50%	10'	57 fc
	40°	773	90° - 120°	13	0%	12'	40 fc
	60°	4	90° - 150°	919	16%	14'	29 fc
	80°	4	0° - 90°	2828	50%	16'	22 fc
	90°	0	90° - 180°	2825	50%	20'	14 fc
	100°	6	Total	5654	100%	24'	10 fc
	120°	3				28'	7 fc
	140°	783					
	160°	1857					
	180°	5720					

Delivered Lumens: 5654 CP at 0° (Nadir): 5721  
 Luminaire Watts: 54.8  
 LER: 103.18 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





# 6" ROUND DIRECT / INDIRECT

## GAMMA SERIES / PHOTOMETRIC DATA

CW06XXUDPC 40LWDCL 40LWDCL 35KXX XXMW (IND/DIR Wet location)

CANDLEPOWER CURVE TEST SP-01296	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY			
	0°	0° - 10°	301	5%	Mounting Height AFF	FC at Center on Floor
	0° 3253	0° - 30°	1835	33%		
	20° 2140	0° - 60°	2758	50%	10'	33 fc
	40° 673	90° - 120°	20	0%	12'	23 fc
	60° 14	90° - 150°	933	17%	14'	17 fc
	80° 3	0° - 90°	2778	50%	16'	13 fc
	90° 2	90° - 180°	2760	50%	20'	8 fc
	100° 3	Total	5538	100%	24'	6 fc
	120° 15				28'	4 fc
	140° 660					
	160° 2151					
	180° 3252					

Delivered Lumens: 5538 CP at 0° (Nadir): 3253  
 Luminaire Watts: 54.8  
 LER: 101.06 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

CW06XXUDPC 40LXWCL 40LXWCL 35KXX XXMW (IND/DIR Wet location)

CANDLEPOWER CURVE TEST SP-01085	INTENSITY CANDELA 0° AZIMUTH	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE DIRECT FOOTCANDLES BASED ON DOWNLIGHT ONLY			
	0°	0° - 10°	204	4%	Mounting Height AFF	FC at Center on Floor
	0° 2156	0° - 30°	1608	29%		
	20° 1957	0° - 60°	2670	49%	10'	22 fc
	40° 800	90° - 120°	53	1%	12'	15 fc
	60° 32	90° - 150°	1122	20%	14'	11 fc
	80° 4	0° - 90°	2717	50%	16'	8 fc
	90° 0	90° - 180°	2761	50%	20'	5 fc
	100° 5	Total	5478	100%	24'	4 fc
	120° 42				28'	3 fc
	140° 837					
	160° 1998					
	180° 2155					

Delivered Lumens: 5478 CP at 0° (Nadir): 2156  
 Luminaire Watts: 54.8  
 LER: 99.96 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

