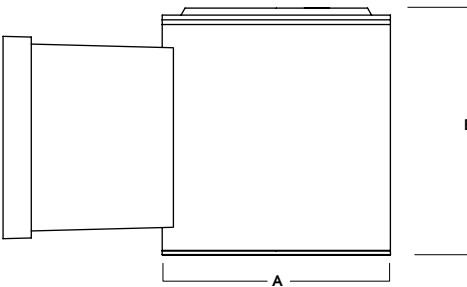


6" ROUND DIRECT WILDLIFE FRIENDLY



A	B
6.1 154.9 mm	6.6 167.6 mm

CW0606 - WALL MOUNT

APPLICATION

6" round x 6" high cylinder luminaire for general illumination. Meets Florida Fish and Wildlife Conservation Commission's Certified Wildlife Lighting. International Dark-Sky Association approved fixture.

FEATURES

Full shielding and option for Static Amber 560 NM or Dual Circuit 3000K 560 NM. Rugged design with a variety of options. Two stage optical system design delivers smooth general illumination.

FINISH

Durable powder-coat paint over aluminum fixture to resist corrosion.

ELECTRONICS

Single circuit, amber only option is available. Amber LEDs are monochromatic, narrow spectral bandwidth that only emit long wavelengths >560 nm and <625 nm. Proprietary 2-circuit LED system: Circuit 1 is 3000K at 1000 lumens, Circuit 2 is Amber only at 500 lumens. 3000K white light is 3-step MacAdam Ellipse binning, with 80+ CRI.

CONSTRUCTION

Extruded seamless aluminum fixture housing. Stainless steel hardware with galvanized steel brackets to resist corrosion. One piece reflector trim and finished to specification.

CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for wet locations. Manufactured and tested to UL standards No. 1598/8750.

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS ¹	DELIVERED LUMENS ²	SYSTEM WATTS	LPW
CW0606TA5L	500	305	15	20
CW0606TD10L	1000	801	16	50

SERIES	LUMENS ¹	CCT	DRIVER / DIMMING ⁴	TRIM	MOUNTING	FINISH ⁵	
CW0606	AMBER ONLY		DX 1%, 0-10V, 120V/277V DS2W1 ELV / MLV, 120V	LENS		WM Wall Mount Extension	MW ⁶ Matte White MB ⁶ Matte Black PT ⁶ Platinum Silver CC Custom Color See Page 6 for Full Range of Color Options (83-90165)
	TA5L 500 Lm Amber Only	AMB >560 NM		SO Micro Prism Solite™ Lens GL Clear Glass Lens FG Frosted Glass Lens	WM Wall Mount Extension		
	DUAL CIRCUIT ³						
	TD10L CIR 1 1000 Lm at 3000K CIR 2 500 Lm Amber Only	30K 3000K					

EXAMPLE: CW0606TA5LAMBDX/GL/WM/MW

EXAMPLE: CW0606TD10L30KDX/GL/WM/MW

NOTES:

1 Nominal Source Lumens 2 Nominal Delivered Lumens at DX GL MW 3 TD/Dual Circuit Option Requires Dedicated on Site Controls by Others, Controls by Others Are Not to Allow Both Circuits to be Energized Simultaneously, Consult Factory for More Information 4 Contact Factory for Additional Options 5 See Color Page for More Options/Consult Factory for Special Finishes 6 Standard Finishes



PROJECT: _____
TYPE: _____



Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

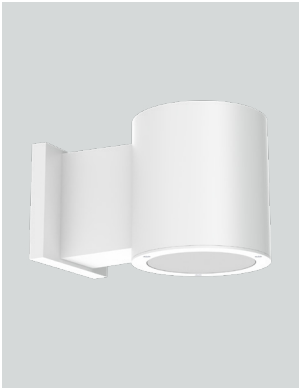
6" ROUND DIRECT

WILDLIFE FRIENDLY / FIXTURE OPTIONS



STANDARD FINISHES

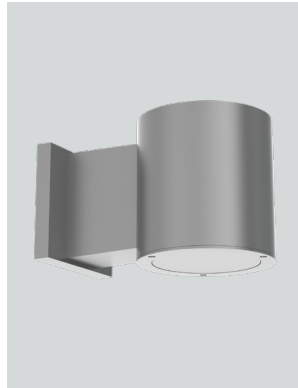
MW
MATTE WHITE



MB
MATTE BLACK

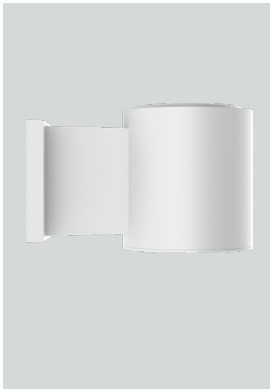


PT
PLATINUM SILVER

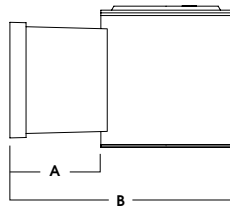


WALL MOUNT DETAIL

WM
WALL MOUNT EXTENSION

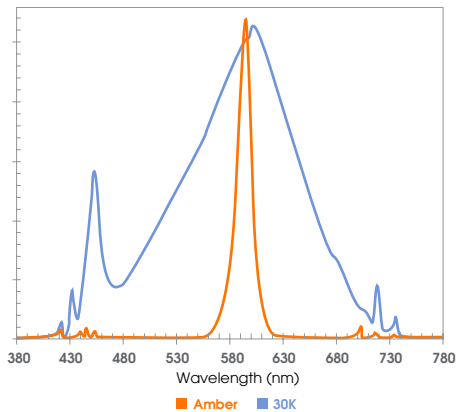


SIDE VIEW



A	B
4.2	10.3
106.7 mm	261.6 mm

SPECTRAL POWER DISTRIBUTION COMPARISON



6" ROUND DIRECT

WILDLIFE FRIENDLY / PHOTOMETRIC DATA



CW0606TA-05L-AMB-EX-SO-MW

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE				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							
	0.00°																	
	0.00°	148	0° - 10°	14	5%	6.50'	4 fc	12.1'	2 fc	9'	6'	6	0.32	5	0.32			
	5.00°	147	0° - 20°	54	19%	7.50'	3 fc	14.0'	1 fc	12'	8'	4	0.21	2	0.14			
	10.00°	144	0° - 30°	118	41%	8.50'	2 fc	15.8'	1 fc	16'	10'	3	0.14	2	0.14			
	15.00°	141	0° - 40°	190	66%	10.00'	1 fc	18.6'	1 fc	Delivered Illuminance Rating: (DIR)				18 FC per W/Sq. Ft.		15 FC per W/Sq. Ft.		
	20.00°	140	0° - 60°	267	93%	12.00'	1 fc	22.4'	0 fc									
	30.00°	134	0° - 80°	286	99%	14.00'	1 fc	26.1'	0 fc	1' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 3.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 * Average Footcandles at 2.5' Above Floor								
	40.00°	91	0° - 90°	287	100%	16.00'	1 fc	29.8'	0 fc									
	50.00°	43	Total	288	100%	20.00'	0 fc	37.3'	0 fc									
	60.00°	21																
	70.00°	8																
	80.00°	2																
	90.00°	1																

Delivered Lumens: **288**
 Luminaire Watts: **15.3**
 LER: **18.82**

CP at 0deg (Nadir): **148**
 CRI: **N/A, Amber Light**
 Beam Angle: **85.93**
 Spacing Ratio: **1.29**
 Lumen Multiplier: **N/A**
 CCT Multiplier: **N/A**

CW606TD-10L-30K-EX-SO-MW

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE				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							
	0.00°																	
	0.00°	365	0° - 10°	35	5%	6.50'	9 fc	11.9'	4 fc	9'	6'	22	0.53	11	0.34			
	5.00°	363	0° - 20°	134	20%	7.50'	6 fc	13.8'	3 fc	12'	8'	9	0.22	5	0.14			
	10.00°	357	0° - 30°	291	43%	8.50'	5 fc	15.6'	2 fc	16'	10'	6	0.15	5	0.15			
	15.00°	352	0° - 40°	466	68%	10.00'	4 fc	18.4'	2 fc	Delivered Illuminance Rating: (DIR)				41 FC per W/Sq. Ft.		34 FC per W/Sq. Ft.		
	20.00°	347	0° - 60°	645	94%	12.00'	3 fc	22.1'	1 fc									
	30.00°	328	0° - 80°	682	100%	14.00'	2 fc	25.7'	1 fc	1' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 3.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 * Average Footcandles at 2.5' Above Floor								
	40.00°	219	0° - 90°	683	100%	16.00'	1 fc	29.4'	1 fc									
	50.00°	99	Total	683	100%	20.00'	1 fc	36.8'	0 fc									
	60.00°	45																
	70.00°	15																
	80.00°	3																
	90.00°	1																

Delivered Lumens: **683**
 Luminaire Watts: **15.9**
 LER: **42.96**

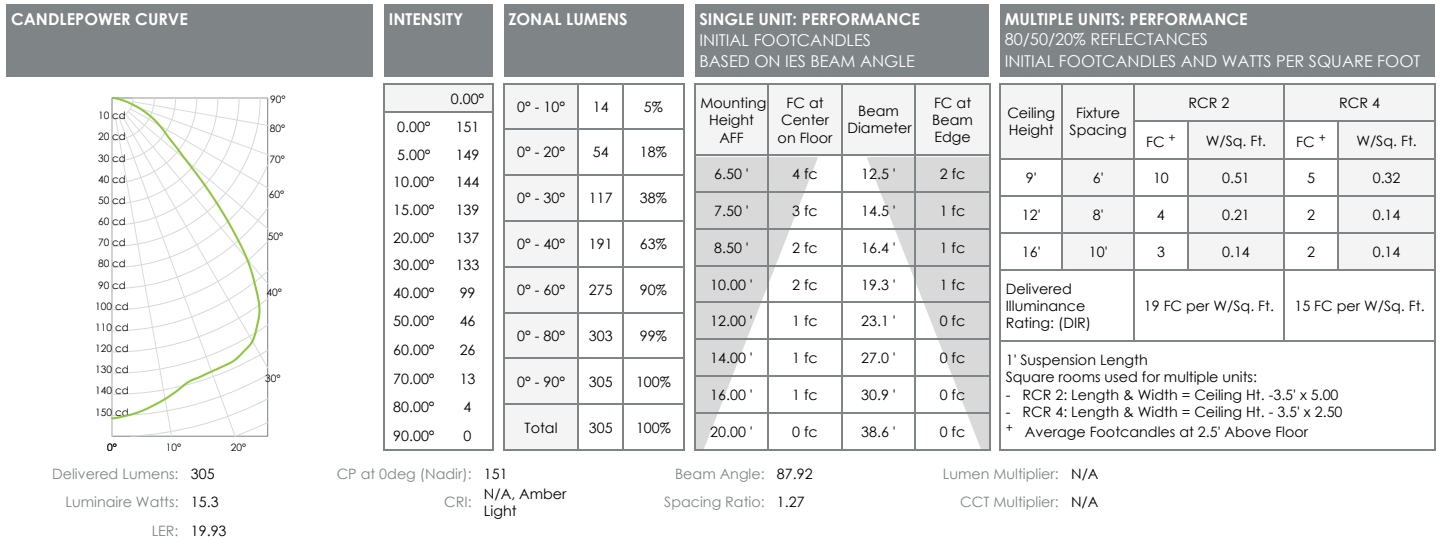
CP at 0deg (Nadir): **365**
 CRI: **80**
 Beam Angle: **85.18**
 Spacing Ratio: **1.27**
 Lumen Multiplier: **only 10L available**
 CCT Multiplier: **only 30K available**

6" ROUND DIRECT

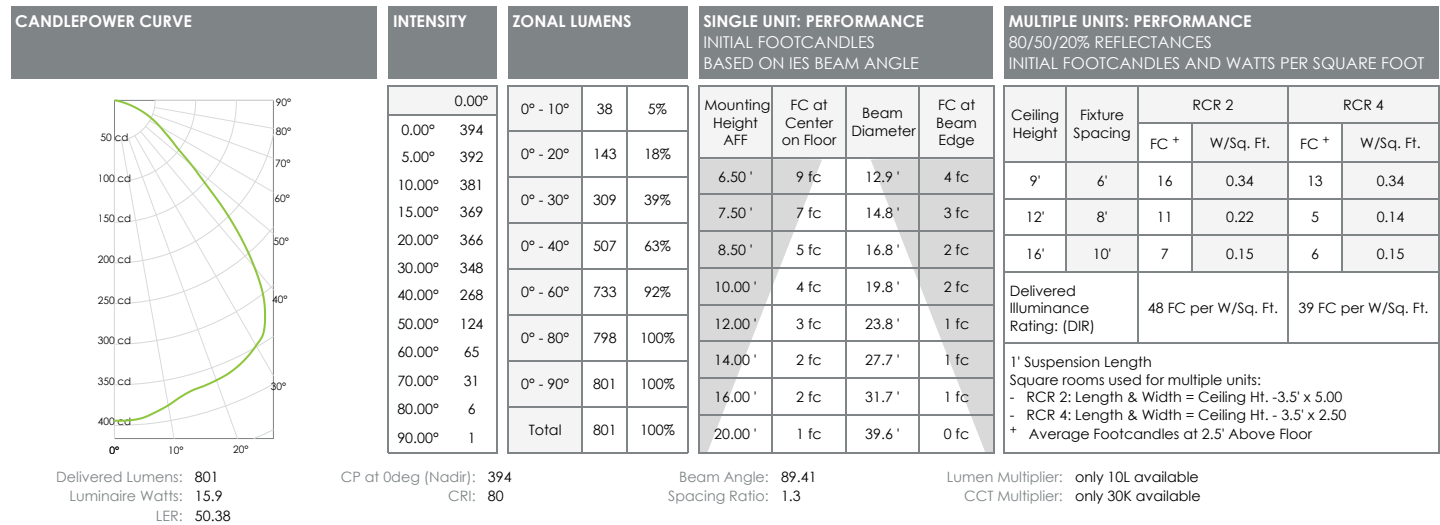
WILDLIFE FRIENDLY / PHOTOMETRIC DATA



CW0606TA-05L-AMB-EX-GL-MW



CW0606TD-10L-30K-EX-GL-MW



6" ROUND DIRECT

WILDLIFE FRIENDLY / PHOTOMETRIC DATA



CW0606TA-05L-AMB-EX-FG-MW

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT																																									
	0.00°	0° - 10°	12	5%	<table border="1"> <thead> <tr> <th rowspan="2">Ceiling Height</th> <th rowspan="2">Fixture Spacing</th> <th colspan="2">RCR 2</th> <th colspan="2">RCR 4</th> </tr> <tr> <th>FC +</th> <th>W/Sq. Ft.</th> <th>FC +</th> <th>W/Sq. Ft.</th> </tr> </thead> <tbody> <tr> <td>9'</td> <td>6'</td> <td>8</td> <td>0.51</td> <td>4</td> <td>0.32</td> </tr> <tr> <td>12'</td> <td>8'</td> <td>3</td> <td>0.21</td> <td>4</td> <td>0.30</td> </tr> <tr> <td>16'</td> <td>10'</td> <td>2</td> <td>0.14</td> <td>2</td> <td>0.14</td> </tr> <tr> <td colspan="2">Delivered Illuminance Rating: (DIR)</td> <td colspan="2">15 FC per W/Sq. Ft.</td> <td colspan="2">12 FC per W/Sq. Ft.</td> </tr> <tr> <td colspan="6"> 1' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 3.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 * Average Footcandles at 2.5' Above Floor </td> </tr> </tbody> </table>	Ceiling Height	Fixture Spacing	RCR 2		RCR 4		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.	9'	6'	8	0.51	4	0.32	12'	8'	3	0.21	4	0.30	16'	10'	2	0.14	2	0.14	Delivered Illuminance Rating: (DIR)		15 FC per W/Sq. Ft.		12 FC per W/Sq. Ft.		1' Suspension Length Square rooms used for multiple units: - RCR 2: Length & Width = Ceiling Ht. - 3.5' x 5.00 - RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 * Average Footcandles at 2.5' Above Floor					
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	5.00°	0° - 20°	43	17%																																									
	10.00°	0° - 30°	89	35%																																									
	15.00°	0° - 40°	138	55%																																									
	20.00°	0° - 60°	217	86%																																									
30.00°	0° - 80°	249	99%																																										
40.00°	0° - 90°	252	100%																																										
50.00°	Total	253	100%																																										
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	0° - 60°	588	87%																																										
	0° - 80°	668	99%																																										
	0° - 90°	672	100%																																										
	Total	672	100%																																										

Delivered Lumens: **253**
Luminaire Watts: **15.3**
LER: **16.54**

CP at 0deg (Nadir): **124**
CRI: **N/A, Amber Light**

Beam Angle: **86.25**
Spacing Ratio: **1.09**

Lumen Multiplier: **N/A**
CCT Multiplier: **N/A**

CW606TD-10L-30K-EX-FG-MW

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE	MULTIPLE UNITS: PERFORMANCE 80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT																																									
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	0° - 90°	672	100%																																										
	Total	672	100%																																										

Delivered Lumens: **672**
Luminaire Watts: **15.9**
LER: **42.26**

CP at 0deg (Nadir): **333**
CRI: **80**

Beam Angle: **87.62**
Spacing Ratio: **1.1**

Lumen Multiplier: **only 10L available**
CCT Multiplier: **only 30K available**

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	\$	⌚
Tier 2 - Typical Finishes	\$\$	⌚⌚
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