



**CARLI PENDANT**  
**DAMP LOCATION**  
 CAFÉS

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



CPO608XT  
 FA / SFA - Frosted Acrylic Diffuser with Frosted Acrylic Shade  
 AZ - Anodic Bronze



CPO608XT  
 FA / SAL - Frosted Acrylic Diffuser with Aluminum Shade  
 PT - Platinum Silver



CPO608XT  
 NL / SFA - No Diffuser with Frosted Acrylic Shade  
 MB - Matte Black



CPO608XT  
 NL / SAL - No Diffuser with Aluminum Shade  
 SN - Sun Gold

SERIES	LUMENS <sup>1</sup>	CCT	OPTIC	DRIVER / DIMMING <sup>4</sup>	DIFFUSER	SHADE	MOUNTING <sup>8</sup>	FINISH <sup>11</sup>	
CPO608XT	10L	1000 Lm	83 CRI	<b>EX<sup>5</sup></b> Electronic Driver, 120V/277V <b>DO10X<sup>6</sup></b> 1%, 0-10V, 120V/277V <b>DS2W1<sup>8</sup></b> ELV / MLV, 120V <b>DLTE1<sup>7</sup></b> Lutron 2-Wire Forward Phase (MLV), 120V <b>DL3EX<sup>7</sup></b> 1%, Lutron <sup>®</sup> EcoSystem <sup>®</sup> , Fades to Black, 120V/277V	<b>FA<sup>3</sup></b> Frosted Acrylic <b>NL</b> No Lens	<b>SFA</b> Frosted Acrylic <b>SAL</b> Aluminum	<b>RDC5<sup>5/6</sup></b> Small Driver Canopy <b>CP13<sup>6/7</sup></b> Large Driver Canopy <b>HM<sup>9</sup></b> Hang Straight <b>AT<sup>9</sup></b> Hang Straight All Thread <b>PM<sup>9</sup></b> Rigid Pendant Mount <b>CD<sup>9</sup></b> Cord / Cable Mount <b>CM<sup>9</sup></b> Cord Mount <b>EMCR<sup>10</sup></b> 10W Canopy Mounted EM <b>EMRM</b> 7W Remote EM <b>EMEN</b> 7W Remote with Enclosure	<b>MW<sup>12</sup></b> Matte White <b>MB<sup>12</sup></b> Matte Black <b>PT<sup>12</sup></b> Platinum Silver <b>CC</b> Custom Color	
	13L	1300 Lm	<b>OSD<sup>2</sup></b> Open Spherical Optic <b>CSD</b> Closed Spherical Optic <b>NSD<sup>3</sup></b> No Optic						
	20L	2000 Lm							
			98 CRI ARTIST						
			27HK						2700K
			30HK						3000K
			35HK						3500K
			40HK						4000K

EXAMPLE: CPO608XT10L27KOSDEXFASFA/RDC5HM24MW

**NOTES:**  
 1 Nominal Source Lumens at 35K 2 Standard Optic 3 NSD Requires FA Lens 4 Contact Factory for Additional Options 5 RDC5 for EX/DO10X Drivers  
 6 RDC5 for 83 CRI and 98 CRI 10-13L, CP13 for 98 CRI 20L 7 CP13 for Lutron Drivers 8 See Mounting Page for Details on Components and Finishes  
 9 Specify Length in Inches: See Mounting Page for Available Lengths 10 EMCR Replaces RDC5 or CP13 11 Reference Color Sheet Located on Product Webpage for Full List of Available Colors/Consult Factory for Special Finishes 12 Standard Finishes





# CARLI PENDANT

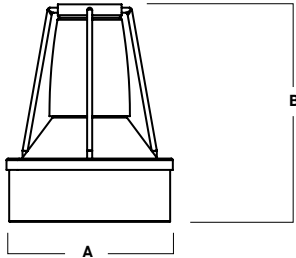
## DAMP LOCATION

### CAFÉ S

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
CP0608XT10LOSDFASFA	1000	322	9	35
CP0608XT13LOSDFASFA	1300	434	13	33
CP0608XT20LOSDFASFA	2000	668	22	31

<sup>1</sup> Nominal Source Lumens at Any CCT <sup>2</sup> Nominal Delivered Lumens at 35K <sup>3</sup> See Photometry Page for Other Available Shielding Options

## HOUSING DIMENSIONS



Frosted Acrylic Lens, Frosted Acrylic Shade Shown

A	B
6.0 152.4 mm	8.2 207.0 mm

### APPLICATION

Carli is a decorative mini pendant for accent and general illumination.

### FEATURES

SpecLume series luminaires offer a simple contemporary style with functional performance. All fixtures are designed and manufactured in our factory. Carli features a multi tier aesthetic. A variety of mounting options are available. Standard optic is soft distribution (OSD) with wide angle domed acrylic inner lens.

### FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. A wide variety of standard and custom finishes are available. All exposed materials are chromate pretreated to resist corrosion.

### ELECTRONICS

LED system features Xicato LED module with proprietary phosphor technology that provides consistent, stable color with CCT tolerances of +/- 100K over life of light engine. Base CRI is 83, with 2-step MacAdam Ellipse color consistency. High CRI is 98, with 1 x 2-step MacAdam Ellipse color consistency. Variety of electronic 120V/277V and dimming drivers.

### CONSTRUCTION

Fixtures are spun and machined in our factory from high purity aluminum. Passively cooled integral heat sink.

### CODE COMPLIANCE

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

## CEILING MOUNT

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

### HM / AT / PM

HANG STRAIGHT / ALL THREAD / PENDANT



CP0608XT SHOWN WITH RDC5PM

### CD

CORD / CABLE MOUNT



CP0608XT SHOWN WITH RDC5CD

### CM

CORD MOUNT



CP0608XT SHOWN WITH RDC5CM





# CARLI PENDANT

## DAMP LOCATION

### CAFÉS / PHOTOMETRIC DATA

DECORATIVE

CP0608XT-20L35K-OSD-EX-FASAL-PT

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE		MULTIPLE UNITS: PERFORMANCE							
			INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT							
	0.00°				Mounting Height AFF	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 3		RCR 5	
	0.00°	830	0° - 20°	235 22%	5.5'	27 fc	8'	4'	FC *	W/Sq. Ft.	FC *	W/Sq. Ft.
	20.00°	371	20° - 50°	341 32%	6.5'	20 fc	12'	6''	20	0.56	26	0.87
	40.00°	154	50° - 80°	224 21%	7.5'	15 fc	16'	8''	14	0.37	11	0.37
	60.00°	67	80° - 90°	73 7%	8.5'	11 fc	Delivered Illuminance Rating: (DIR)		37 FC per W/Sq. Ft.		30 FC per W/Sq. Ft.	
	80.00°	77	0° - 90°	872 83%	10.0'	8 fc	2' Suspension Length					
	90.00°	67	90° - 120°	165 16%	12.0'	6 fc	Square rooms used for multiple units:					
	100.00°	63	120° - 150°	12 1%	14.0'	4 fc	- RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33					
	110.00°	41	Total	1,050 100%	16.0'	3 fc	- RCR 5: Length & Width = Ceiling Ht. - 4.5' x 2.00					
	120.00°	2					* Average Footcandles at 2.5' Above Floor					
	140.00°	1					** Exceeds spacing criteria by 87%					
	160.00°	1					*** Exceeds spacing criteria by 31%					
	180.00°	1					**** Exceeds spacing criteria by 14%					

Delivered Lumens: 1,050  
Luminaire Watts: 21.7  
LER: 48.39

CP at 0deg (Nadir): 830  
CRI: 83

Lamp Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: same for all available CCTs

CP0608XT-20L-35K-OSD-EX-FASFA-PT

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE		MULTIPLE UNITS: PERFORMANCE							
			INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT							
	0.00°				Mounting Height AFF	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 3		RCR 5	
	0.00°	564	0° - 20°	159 24%	5.5'	19 fc	8'	4'	FC *	W/Sq. Ft.	FC *	W/Sq. Ft.
	20.00°	270	20° - 50°	218 33%	6.5'	13 fc	12'	6''	13	0.56	17	0.87
	40.00°	96	50° - 80°	133 20%	7.5'	10 fc	16'	8''	9	0.37	7	0.37
	60.00°	44	80° - 90°	45 7%	8.5'	8 fc	Delivered Illuminance Rating: (DIR)		24 FC per W/Sq. Ft.		20 FC per W/Sq. Ft.	
	80.00°	41	0° - 90°	555 83%	10.0'	6 fc	2' Suspension Length					
	90.00°	40	90° - 120°	103 15%	12.0'	4 fc	Square rooms used for multiple units:					
	100.00°	39	120° - 150°	9 1%	14.0'	3 fc	- RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33					
	110.00°	35	Total	668 100%	16.0'	2 fc	- RCR 5: Length & Width = Ceiling Ht. - 4.5' x 2.00					
	120.00°	25					* Average Footcandles at 2.5' Above Floor					
	140.00°	1					** Exceeds spacing criteria by 79%					
	160.00°	1					*** Exceeds spacing criteria by 25%					
	180.00°	1					**** Exceeds spacing criteria by 9%					

Delivered Lumens: 668  
Luminaire Watts: 21.7  
LER: 30.78

CP at 0deg (Nadir): 564  
CRI: 83

Lamp Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: Same for all available CCTs

CP0608XT-20L-35K-OSD-EX-NLSFA-PT

CANDLEPOWER CURVE	INTENSITY	ZONAL LUMENS	SINGLE UNIT: PERFORMANCE		MULTIPLE UNITS: PERFORMANCE							
			INITIAL FOOTCANDLES BASED ON IES BEAM ANGLE		80/50/20% REFLECTANCES INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT							
	0.00°				Mounting Height AFF	FC at Center on Floor	Ceiling Height	Fixture Spacing	RCR 3		RCR 5	
	0.00°	760	0° - 20°	208 25%	5.5'	25 fc	8'	3'	FC *	W/Sq. Ft.	FC *	W/Sq. Ft.
	20.00°	304	20° - 50°	223 27%	6.5'	18 fc	12'	5''	25	0.87	21	0.87
	40.00°	84	50° - 80°	111 13%	7.5'	14 fc	16'	7''	11	0.37	9	0.37
	60.00°	21	80° - 90°	91 11%	8.5'	11 fc	Delivered Illuminance Rating: (DIR)		28 FC per W/Sq. Ft.		24 FC per W/Sq. Ft.	
	80.00°	74	0° - 90°	633 76%	10.0'	8 fc	2' Suspension Length					
	90.00°	85	90° - 120°	192 23%	12.0'	5 fc	Square rooms used for multiple units:					
	100.00°	73	120° - 150°	9 1%	14.0'	4 fc	- RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33					
	110.00°	38	Total	835 100%	16.0'	3 fc	- RCR 5: Length & Width = Ceiling Ht. - 4.5' x 2.00					
	120.00°	1					* Average Footcandles at 2.5' Above Floor					
	140.00°	1					** Exceeds spacing criteria by 45%					
	160.00°	2					*** Exceeds spacing criteria by 13%					
	180.00°	1					**** Exceeds spacing criteria by 3%					

Delivered Lumens: 835  
Luminaire Watts: 21.7  
LER: 38.48

CP at 0deg (Nadir): 760  
CRI: 83

Lamp Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: same for all available CCTs





# CARLI PENDANT

## DAMP LOCATION

### CAFÉS / PHOTOMETRIC DATA

DECORATIVE

CP0608XT-20L35K-OSD-EX-NLSAL-PT

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	Ceiling Height	Fixture Spacing	RCR 3		RCR 5						
	0.00°														
	0.00°	828	0° - 20°	232	30%	5.5'	27 fc	8'	4'	41	1.44	43	1.77		
	20.00°	357	20° - 50°	268	35%	6.5'	20 fc	12'	6'	16	0.56	21	0.87		
	40.00°	108	50° - 80°	77	10%	7.5'	15 fc	16'	8'	11	0.37	9	0.37		
	60.00°	48	80° - 90°	49	6%	8.5'	11 fc	Delivered Illuminance Rating: (DIR)		29 FC per W/Sq. Ft.		24 FC per W/Sq. Ft.			
	80.00°	18	0° - 90°	626	81%	10.0'	8 fc	2' Suspension Length 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							
	90.00°	50	90° - 120°	138	18%	12.0'	6 fc	* Average Footcandles at 2.5' Above Floor							
	100.00°	29	120° - 150°	10	1%	14.0'	4 fc	* Exceeds spacing criteria by 90%							
	110.00°	2	Total	775	100%	16.0'	3 fc	** Exceeds spacing criteria by 33%							
	120.00°	1						*** Exceeds spacing criteria by 16%							
	140.00°	2													
	160.00°	1													
	180.00°	1													

Delivered Lumens: 775  
Luminaire Watts: 21.7  
LER: 35.71

CP at 0deg (Nadir): 828  
CRI: 83

Lamp Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: same for all available CCT's

CP0608XT-20L35K-CSD-EX-FASAL-PT

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	Ceiling Height	Fixture Spacing	RCR 2		RCR 4						
	0.00°														
	0.00°	248	0° - 20°	94	10%	5.5'	8 fc	8'	8'	10	0.28	8	0.28		
	20.00°	240	20° - 50°	327	34%	6.5'	6 fc	12'	10'	9	0.25	7	0.25		
	40.00°	157	50° - 80°	250	26%	7.5'	4 fc	16'	12'	6	0.16	3	0.11		
	60.00°	86	80° - 90°	85	9%	8.5'	3 fc	Delivered Illuminance Rating: (DIR)		35 FC per W/Sq. Ft.		28 FC per W/Sq. Ft.			
	80.00°	79	0° - 90°	757	78%	10.0'	2 fc	2' Suspension Length 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							
	90.00°	78	90° - 120°	196	20%	12.0'	2 fc	* Average Footcandles at 2.5' Above Floor							
	100.00°	75	120° - 150°	13	1%	14.0'	1 fc	* Exceeds spacing criteria by 81%							
	110.00°	43	Total	967	100%	16.0'	1 fc	** Exceeds spacing criteria by 6%							
	120.00°	2						*** Exceeds spacing criteria by -17%							
	140.00°	1													
	160.00°	1													
	180.00°	1													

Delivered Lumens: 967  
Luminaire Watts: 21.7  
LER: 44.56

CP at 0deg (Nadir): 248  
CRI: 83

Lamp Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: same for all available CCT's

CP0608XT-20L35K-NSD-EX-FASAL-PT

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	Ceiling Height	Fixture Spacing	RCR 2		RCR 4						
	0.00°														
	0.00°	909	0° - 20°	306	20%	5.5'	30 fc	8'	8'	18	0.28	15	0.28		
	20.00°	715	20° - 50°	723	47%	6.5'	22 fc	12'	10'	16	0.25	13	0.25		
	40.00°	196	50° - 80°	329	21%	7.5'	16 fc	16'	12'	10	0.16	5	0.11		
	60.00°	122	80° - 90°	74	5%	8.5'	13 fc	Delivered Illuminance Rating: (DIR)		63 FC per W/Sq. Ft.		52 FC per W/Sq. Ft.			
	80.00°	81	0° - 90°	1,431	93%	10.0'	9 fc	2' Suspension Length 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							
	90.00°	55	90° - 120°	103	7%	12.0'	6 fc	* Average Footcandles at 2.5' Above Floor							
	100.00°	39	120° - 150°	9	1%	14.0'	5 fc	* Exceeds spacing criteria by 114%							
	110.00°	22	Total	1,544	100%	16.0'	4 fc	** Exceeds spacing criteria by 25%							
	120.00°	3						*** Exceeds spacing criteria by -2%							
	140.00°	1													
	160.00°	1													
	180.00°	1													

Delivered Lumens: 1,544  
Luminaire Watts: 21.7  
LER: 71.15

CP at 0deg (Nadir): 909  
CRI: 83

Lamp Multiplier: 10L x 0.48, 13L x 0.65  
CCT Multiplier: same for all available CCT's



# 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 SPECLUME SPECIFICATION FOR PENDANT MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



## CEILING MOUNTING

<p><b>RDC5</b> - SMALL DRIVER CANOPY (STANDARD) MOUNTS TO 4" OCTO J-BOX</p> <p><b>CP13</b> - LARGE DRIVER CANOPY</p>	<p><b>HM*</b> HANG STRAIGHT 45° SWIVEL 1/2" STEM - 3/8" NPT</p> <p>ORDER: <b>HM</b> (Length) SPECIFY LENGTH: HM3 - 3"    HM24 - 24" HM6 - 6"    HM36 - 36" HM12 - 12"    HM48 - 48" HM18 - 18"    HM72 - 72" <b>HMLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>AT**</b> HANG STRAIGHT ALL THREAD 45° SWIVEL 1/2" STEM - 1/4" IP</p> <p>ORDER: <b>AT</b> (Length) SPECIFY LENGTH: AT12 - 12"    AT48 - 48" AT24 - 24"    AT60 - 60" AT36 - 36"    AT72 - 72"</p> <p><small>FIELD CUT THREADED PIPE TO LENGTH NEEDED CUT TYPE COVER 1/4" SHORTER THAN THREADED PIPE SLIP TYPE COVER ORDER THREADED PIPE</small></p>	<p><b>PM*</b> RIGID PENDANT MOUNT RIGID 1/2" STEM - 3/8" NPT</p> <p>ORDER: <b>PM</b> (Length) SPECIFY LENGTH: PM3 - 3"    PM24 - 24" PM6 - 6"    PM36 - 36" PM12 - 12"    PM48 - 48" PM18 - 18"    PM72 - 72" <b>PMLLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>CD</b> CORD / CABLE MOUNT SJ CORD WITH 1/16 SS CABLE</p> <p>ORDER: <b>CD</b> (Length) SPECIFY LENGTH: CD36 - 36" CD72 - 72" CD144 - 144" <b>CDLC(XX)</b> Custom Length (Specify in Inches)</p>	<p><b>CM</b> CORD MOUNT SJ CORD WITH STRAIN RELIEF</p> <p>ORDER: <b>CM</b> (Length) SPECIFY LENGTH: CM36 - 36" CM72 - 72" CM144 - 144" <b>CMLC(XX)</b> Custom Length (Specify in Inches)</p>
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\*MAXIMUM ONE PIECE STEM LENGTH IS 72". \*\*MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS. \*\*ORDER IN 12" INCREMENTS, ODD SIZES MAY BE FIELD CUT

## EMERGENCY BATTERY OPTIONS

**EMCR** - LARGE DRIVER CANOPY FOR 10W EMERGENCY BATTERY (FOR ROUND CEILING MOUNT TYPES)

## REMOTE EMERGENCY BATTERY OPTIONS

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

