

## LED Modern Wraparound CCT SELECTABLE



### A Modern Take on a Classic Fixture

Topaz's LED Modern Wraparound offers energy efficiency and a fresh, updated look for residential and commercial settings. The frosted lens and white housing provide clean lines to easily upgrade the look of garages, laundry rooms, offices and closets. The CCT selectable switch and dimming capabilities make it possible to customize ambiance to create the perfect space.

### FEATURES

- CCT Selectable: 3000K | 4000K | 5000K
- Available in 2' and 4' lengths
- 120-277V with 0-10V dimming
- Linkable up to 14 fixtures with included 14" jumper wire or end-to-end connector
- Surface mount, or suspension mount with included chains and V-hooks
- Modern low-profile steel housing with white finish
- Smooth frosted polycarbonate lens
- Emergency battery backup models available

### SUGGESTED APPLICATIONS

- Commercial or residential
- New construction or remodel
- Suitable for use in closets: Compliant with NFPA 70®, NEC section 410.16 (A)(3) and 410.16 (C)(5)





Job Name/Title: \_\_\_\_\_ Catalog Number \_\_\_\_\_

Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

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### GENERAL SPECIFICATIONS

**Input Voltage, Frequency:** 120-277V, 50/60Hz  
**Power Factor, THD %:** >0.9, <20%  
**Dimmable:** 0-10V down to 1%  
**Efficacy:** 115 LPW  
**CCT Selectable:** 3000K | 4000K | 5000K

**Minimum CRI:** 83  
**Beam Angle:** 110°  
**Functional Life (L70):** 50,000 hours  
**Location Rating:** Damp  
**Ambient Operating Temperature:** -20°F to 104°F  
**Mounting:** Surface or Suspension

### ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	UPC	Lumens	Emergency Mode Lumens*	Wattage	Input Current @120/277V	Size	DLC ID†
LWRAP2/25W/CTS/D-98	72756	751338039131	2,875	-	25W	0.27/0.17A	2'	PBQ0R96P
LWRAP2/25W/CTS/D/EM	72757	751338039148	2,875	1,725	25W	0.27/0.17A	2'	-
LWRAP4/48W/CTS/D-98	72754	751338039117	5,520	-	48W	0.56/0.26A	4'	PLQEUKE8Z7P7
LWRAP4/48W/CTS/D/EM	72755	751338039124	5,520	1,725	48W	0.56/0.26A	4'	-

### NOMENCLATURE

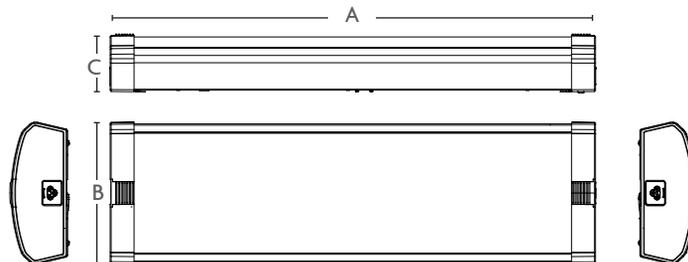
**LWRAP** = Linear Wraparound **2** = 2' / **25W** = 25 Watt / **CTS** = Color Temperature Selectable / **D** = Dimmable / **EM** = Emergency Battery Backup  
**4** = 4' / **48W** = 48 Watt

### ENERGY SAVINGS

Catalog Number	LED Wattage	Fluorescent Replacement Wattage	Watts Saved	Yearly Savings	5 Year Savings
<b>Based on 12 hours/day and \$0.11/kWh</b>					
LWRAP2/25W/CTS/D-98	25W	2 x 17W T8	9W	\$4	\$22
LWRAP2/25W/CTS/D/EM	25W	2 x 17W T8	9W	\$4	\$22
LWRAP4/48W/CTS/D-98	48W	2 x 32W T8	16W	\$8	\$39
LWRAP4/48W/CTS/D/EM	48W	2 x 32W T8	16W	\$8	\$39

### DIMENSIONS / WEIGHTS

Catalog Number	(A)	(B)	(C)	Weight
LWRAP2/25W/CTS/D-98	23.74"	7.00"	2.86"	3.2 Lbs.
LWRAP2/25W/CTS/D/EM	23.74"	7.00"	2.86"	4.3 Lbs.
LWRAP4/48W/CTS/D-98	47.71"	7.00"	2.86"	5.3 Lbs.
LWRAP4/48W/CTS/EM	47.71"	7.00"	2.86"	6.6 Lbs.



#### NOTES:

†DLC Primary Use Designation: Direct Linear Ambient Luminaires

Dimming with standard 0-10V control system or wall dimmers such as Leviton IP710, DS710 or Lutron DVSTV. Dimming complies with IEC60929 Annex E. Fixture may not be compatible with all dimmers. Visit [www.topaz-usa.com/led-dimmer-compatibility](http://www.topaz-usa.com/led-dimmer-compatibility) for up-to-date dimmer compatibility information.

\*EM models provide a minimum of 90 minutes of emergency illumination in compliance with NFPA 101® and NFPA 70®. Dimming capability disabled in emergency mode. Push button for manual testing.

Specifications subject to change without prior notice. Replacement wattage shown depends on application and fixture.

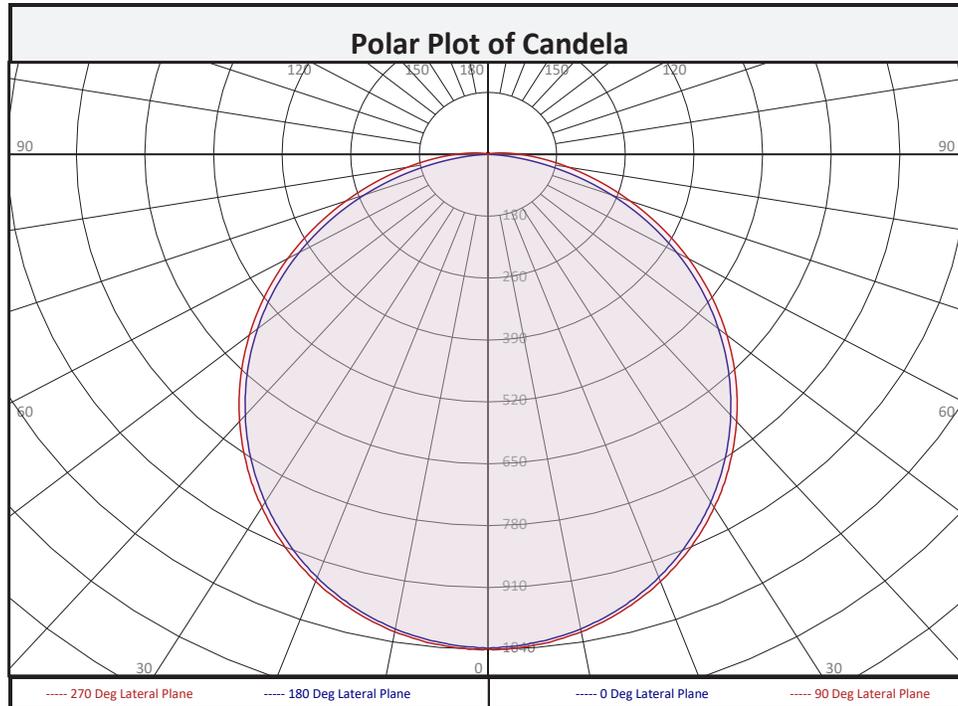
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**WARNING:** Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to product packaging for more information.

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### PHOTOMETRICS

### 25 WATT MODEL



Zonal Flux Summary											
Zone (Deg Vert)	Flux (Lumens)	Percent of Total		Zone (Deg Vert)	Flux (Lumens)	Percent of Total		Zone (Deg Vert)	Flux (Lumens)	Percent of Total	
0-10	98.0	3.4%		90-100	17.4	0.6%		0-20	376.4	13.0%	
10-20	278.4	9.6%		100-110	3.6	0.1%		0-30	792.7	27.4%	
20-30	416.3	14.4%		110-120	1.3	0.0%		0-40	1287	44.5%	
30-40	493.9	17.1%		120-130	0.3	0.0%		0-60	2242	77.6%	
40-50	504.3	17.4%		130-140	0.0	0.0%		0-80	2789	96.5%	
50-60	450.7	15.6%		140-150	0.0	0.0%		10-90	2770	95.8%	
60-70	343.4	11.9%		150-160	0.0	0.0%		20-50	1414	48.9%	
70-80	204.4	7.1%		160-170	0.0	0.0%		40-90	1581	54.7%	
80-90	78.4	2.7%		170-180	0.0	0.0%		60-90	626.2	21.7%	
0-90	2868	99.2%		90-180	22.6	0.8%		0-180	2890	100.0%	

Circle of Light Plot				
Height(ft)	Illuminance at Nadir (fc)	Ground-level distance to half-of-nadir illuminance (ft)		
		0-180 deg	90-270 deg	
6.0	28.8	7.27	7.38	
8.0	16.2	9.69	9.83	
10.0	10.4	12.12	12.29	
12.0	7.2	14.54	14.75	
14.0	5.3	16.97	17.21	
16.0	4.1	19.39	19.67	

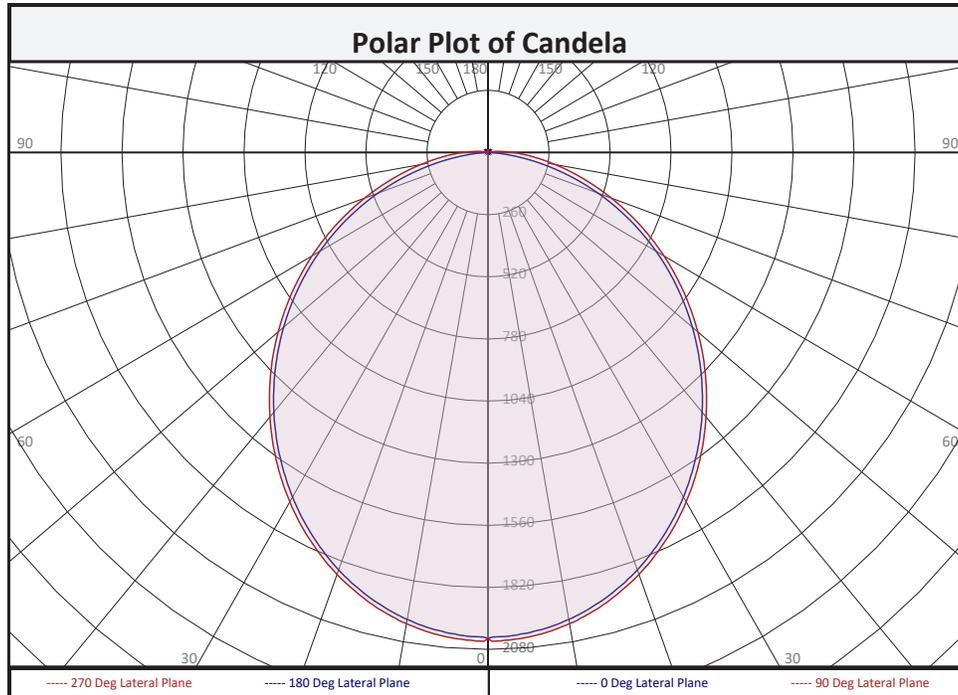
Average Luminance (cd/m <sup>2</sup> )			
	0 deg Plane	45 deg Plane	90 deg Plane
0	3135	3135	3135
45	2754	2640	2615
55	2596	2451	2425
65	2369	2205	2191
75	1956	1848	1928
85	974	1492	1806

Spacing Criterion	
0 degree plane:	1.2
90 degree plane:	1.2
180 degree plane:	1.2
270 degree plane:	1.2

## LED Modern Wraparound CCT SELECTABLE

### PHOTOMETRICS

### 48 WATT MODEL



Zonal Flux Summary											
Zone (Deg Vert)	Flux (Lumens)	Percent of Total	Zone (Deg Vert)	Flux (Lumens)	Percent of Total	Zone (Deg Vert)	Flux (Lumens)	Percent of Total	Zone (Deg Vert)	Flux (Lumens)	Percent of Total
0-10	192.2	3.4%	90-100	27.8	0.5%	0-20	738.9	13.0%	0-20	738.9	13.0%
10-20	546.7	9.6%	100-110	4.3	0.1%	0-30	1558	27.3%	0-30	1558	27.3%
20-30	819.6	14.4%	110-120	1.5	0.0%	0-40	2534	44.4%	0-40	2534	44.4%
30-40	975.4	17.1%	120-130	2.1	0.0%	0-60	4430	77.7%	0-60	4430	77.7%
40-50	999.7	17.5%	130-140	2.1	0.0%	0-80	5514	96.7%	0-80	5514	96.7%
50-60	896.0	15.7%	140-150	1.8	0.0%	10-90	5468	95.9%	10-90	5468	95.9%
60-70	682.7	12.0%	150-160	1.3	0.0%	20-50	2795	49.0%	20-50	2795	49.0%
70-80	401.8	7.0%	160-170	0.9	0.0%	40-90	3127	54.8%	40-90	3127	54.8%
80-90	146.4	2.6%	170-180	0.3	0.0%	60-90	1231	21.6%	60-90	1231	21.6%
0-90	5660	99.3%	90-180	42.0	0.7%	0-180	5702	100.0%	0-180	5702	100.0%

Circle of Light Plot				
Height(ft)	Illuminance at Nadir (fc)	Ground-level distance to half-of-nadir illuminance (ft)		
		0-180 deg	90-270 deg	
6.0	56.5	7.32	7.41	
8.0	31.8	9.76	9.88	
10.0	20.3	12.20	12.36	
12.0	14.1	14.64	14.83	
14.0	10.4	17.08	17.30	
16.0	7.9	19.52	19.77	

Average Luminance (cd/m <sup>2</sup> )			
	0 deg Plane	45 deg Plane	90 deg Plane
0	6145	6145	6145
45	5478	5229	5170
55	5188	4872	4800
65	4758	4385	4319
75	3931	3635	3721
85	1953	2758	3288

Spacing Criterion	
0 degree plane:	1.2
90 degree plane:	1.2
180 degree plane:	1.2
270 degree plane:	1.2