

16T-L

LED UNDER CANOPY AND GARAGE LIGHT



The 16T-L is an efficient under canopy and garage light. Its rugged construction easily installs on junction boxes and is available in 2 lumen packages.

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Housing

Made in a one piece die cast housing with high quality thermal heat sinks to dissipate LED heat and insure reliable long life. Comes with two 1/2" side conduit entries.

Mounting options

Easily installs to junction boxes, can be mounted directly to the ceiling and also via pendant mount.

Lens

Outfitted with a polycarbonate heat resistant clear lens.

ELECTRICAL

- Internal electrical components are fastened to the die cast housing for efficient heat dissipation. LED drivers allows input from 120-277V or 347V, 50/60Hz
- Available in in 4000K and 5000K color temperatures


with a lumen per watt ratio ranging from 130 LPW to 136 LPW depending on the lumen package being used


- Ambient operating temperature range from -40°C to +40°C
- Compatible with external photocell (not supplied)
- 4KV surge protection included
- Replaces up to 175W metal halide equivalent


COMPLIANCES


- cULus listed for wet location
- Meets requirements of ICES-005 4 for class B products
- IP65


OVERVIEW			
LIGHT SOURCE	LED	CRI	70+
WATTS [W]	40 - 60	WEIGHT [LBS]	4.19, 5.07
LUMEN OUTPUT [LM]	5350 - 8000	CALCULATED TM21	>126,700
EFFICIENCY [LM/W]	130 - 136	REPORTED L70 [H]	>54,000
COLOR TEMPERATURE [K]	4 000, 5 000	LM80 [H]	9000




 LED

 WET LOCATION

 65 IP RATING



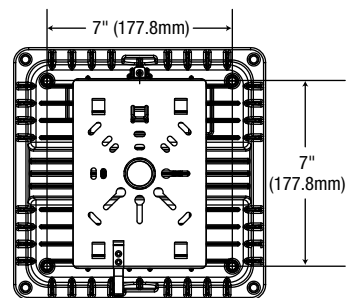
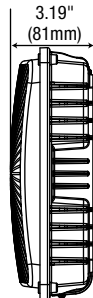
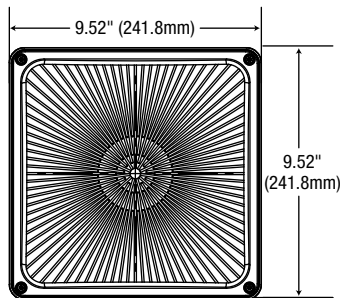


Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

ORDERING GUIDE

PART N°	DLC UNIQUE ID	WATTS [W]	LUMEN OUTPUT [LM]	LED CURRENT [MA]	VOLTAGE [V]	COLOR TEMP. [K]	EFFICIENCY [LM/W]	CRI	BUG RATING	POWER FACTOR	THD [%]		
I6T-LA1-2/40K-BZ	PLTUVL5L62F9	40	5350	980	120-277	4000	134	70	2-2-2	0.99	11.31		
I6T-LA1-8/40K-BZ	PLWXLAZNE409	40	5350	1020	347		134			0.95	11.96		
I6T-LA2-2/40K-BZ	PLH0V179LB9Y	60	7800	1500	120-277		130			0.98	12.53		
I6T-LA2-8/40K-BZ	PL1KDZYMBW5A	60	7800	1600	347		130			0.94	13.38		
I6T-LA1-2/50K-BZ	PLIAN37P92MH	40	5450	980	120-277	5000	136			70	2-2-2	0.99	11.31
I6T-LA1-8/50K-BZ	PLV8VK4KV08E	40	5450	1020	347		136					0.95	11.96
I6T-LA2-2/50K-BZ	PLLV3VDM4FRV	60	8000	1500	120-277		133					0.98	12.53
I6T-LA2-8/50K-BZ	PL82NDJXXNBL	60	8000	1600	347		133					0.94	13.38

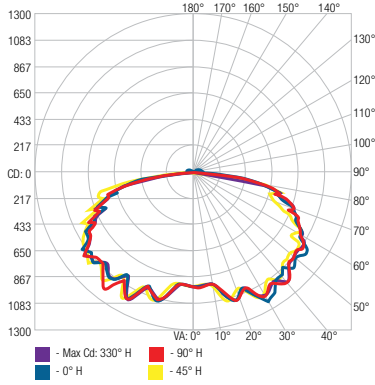
DIMENSIONS



PHOTOMETRIC DATA

I6T-LA1-2-40K-BZ • 5373.5 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	905.8	16.9%	16.9%
0-40	1615.6	30.1%	30.1%
0-60	3428.1	63.8%	63.8%
60-90	1906.7	35.5%	35.5%
70-100	1000.7	18.6%	18.6%
90-120	32.9	0.6%	0.6%
0-90	5334.8	99.3%	99.3%
90-180	39.7	0.7%	0.7%
0-180	5373.5	100%	100%

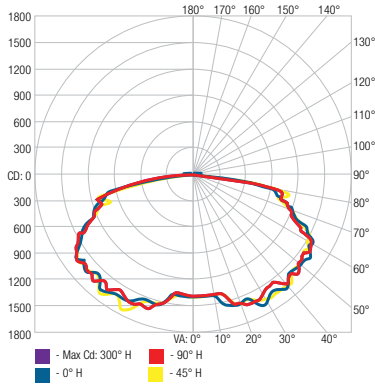
ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		TABLE TITLE
1.7'	326	
3.3'	86.6	31.3' 29.6'
5.0'	37.7	47.4' 44.9'
6.7'	21.0	63.5' 60.2'
8.3'	13.7	78.7' 74.5'
10.0'	9.43	94.8' 89.8'

■ Vert. Spread: 156.2° ■ Hor Spread: 154.9°

I6T-LA2-2-40K-BZ • 7860.7 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1311.1	16.7%	16.7%
0-40	2340.7	29.8%	29.8%
0-60	4996.8	63.6%	63.6%
60-90	2806.4	35.7%	35.7%
70-100	1481.0	18.8%	18.8%
90-120	49.2	0.6%	0.6%
0-90	7803.3	99.3%	99.3%
90-180	57.5	0.7%	0.7%
0-180	7860.7	100%	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC		BEAM WIDTH	
1.7'	482	16.3'	17.8'
3.3'	128	31.6'	34.5'
5.0'	55.7	47.9'	52.2'
6.7'	31.0	64.2'	70.0'
8.3'	20.2	79.5'	86.7'
10.0'	13.9	96.8'	104.4'

■ Vert. Spread: 156.4° ■ Hor Spread: 158.3°