

# TerraCast® PRODUCTS

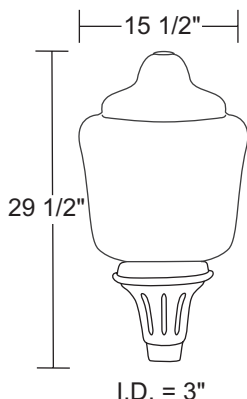
## POST TOP FIXTURE - TC78T

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

VOLTAGE \_\_\_\_\_

COMMERCIAL  
POST LIGHTING



**EPA 0.805ft<sup>2</sup>  
WT 16lbs**

IES FILES AVAILABLE



### SPECIFICATIONS

- Cast Aluminum Housing
- Stainless Steel Fasteners
- Black, White, or Bronze Finish
- Polycarbonate or Acrylic Acorn Diffuser
- Clear or Opal Diffuser Options
- UL Listed For Wet Locations

TerraCast®'s commercial product line provides safety and security for all types of applications including parks, pedestrian walkways, and parking areas. Our Post top fixtures fit on any standard 3" diameter pole with 3 set screws and allen wrench (provided). Standard 8" fitter neck acorn diffuser is easily removed by loosening 3 set screws (provided).

### LIGHT SOURCE OPTIONS

#### DEDICATED LED SYSTEM

- 120-277V, 50/60Hz
- 150W or 250W Metal Halide Equivalent
- Estimated 100,000 Hrs L<sub>80</sub>
- Surge Supression
- 3000K\*, 4000K, or 5000K\* CCT, 80 CRI
- Type 3\* or Type 5 Distribution
- 0 - 10V Dimming Upon Request
- 5 Year Warranty
- UL & DLC Listed

#### REPLACEABLE LED CORN COB

- 100-277V, 50/60Hz
- 250W Metal Halide Equivalent Lamp Included
- E39 Mogul Base Socket
- Estimated 50,000 Hrs L<sub>70</sub>
- Surge Supression
- Available in 4000K CCT, 80 CRI
- Type 3, Type 5, or Dark Sky Distribution
- 3 Year Warranty
- UL & DLC Listed

#### HID SYSTEM

- Multi-Tap Magnetic Ballast, 120-277V
- Metal Halide or High Pressure Sodium
- Up To 150W Lamp Included
- 4kV Medium Base Socket, Mogul On Request
- Type 3, Type 5, or Dark Sky Friendly Distribution
- 1 Year Warranty
- UL Listed

ITEM #	ACORN	LIGHT SOURCE	COLOR	HID OPTIONS
TC78T	<b>POLYCARBONATE</b> <b>C</b> -Clear Textured  <b>ACRYLIC</b> <b>LA</b> -Opal Textured <b>CA</b> -Clear Textured	<b>INCANDESCENT</b> (1) 200W MAX Medium Base  <b>HPF MAGNETIC BALLAST</b> <b>100MH</b> -(1) 100W Metal Halide ☆ <b>150MH</b> -(1) 150W Metal Halide ☆  <b>100H</b> -(1) 100W HPS ☆ <b>150H</b> -(1) 150W HPS ☆	<b>BK</b> -Black <b>BZ</b> -Bronze <b>WH</b> -White	<b>AFB</b> -Decorative Acorn Finial Topper <b>DSR</b> -Dark Sky Reflector <b>HS</b> -House Shield <b>MT</b> -Multi-Tap <small>(Specify 208, 240, or 277v. Tapped at 120v by default)</small> <b>R3</b> -Type III Glass Refractor <b>R5</b> -Type V Glass Refractor
		<b>LED LIGHT SOURCE</b>  <b>DEDICATED LED SYSTEM</b> <b>L40</b> -40W 4000lm <b>L60</b> -60W 6000lm <b>REPLACEABLE LED CORN COB</b> <b>LC3</b> -Type 3, 40W 5600lm ☆ <b>LC5</b> -Type 5, 54W 7200lm ☆ <b>LCD</b> -Dark Sky, 54W 5900lm ☆		
				<b>LED OPTIONS</b> <b>AFB</b> -Decorative Acorn Finial Topper <b>T3</b> -Dedicated LED Type III Distribution*  Not all options can be used in combination. Consult factory for details.

\* Special order item. Longer lead times may apply. Option not available in Replaceable Corn Cob model. ☆ Lamp Included

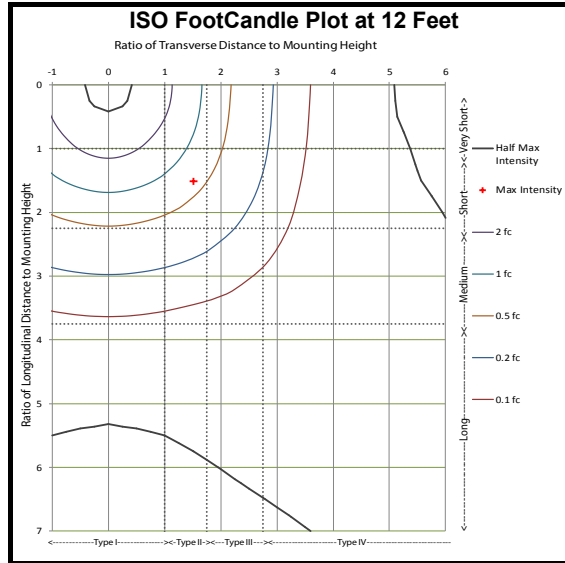
Specifications subject to change without notice - FIXTURE SPEC 11/17

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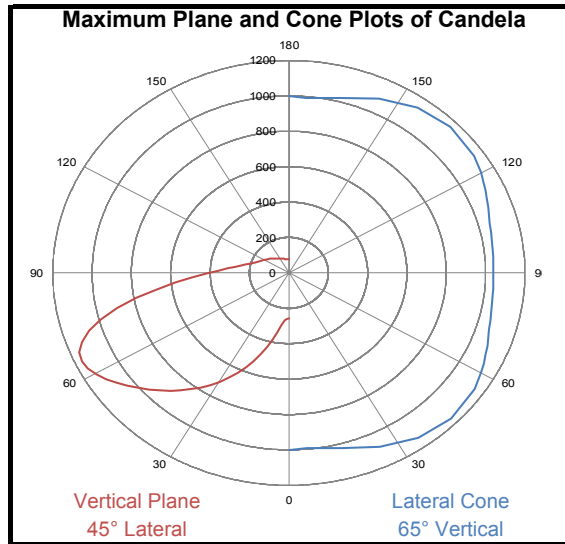
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.5 °C	120.0 VAC	0.4690 A	56.07 W	0.996	60 Hz	5.50 %

Summary of Results	
Total Lumen Output	6169 Lumens
Luminaire Efficacy	110 lm/W
Maximum Candela	1165 Candela
IES Roadway Classification	Type VS, Short
Cutoff Classification	Noncutoff
BUG Rating	B2 U4 G3



Intensity Through Maximum Plane (Candlepower)		
Angle	Candlepower	Lumens
0	256	
5	270	29
10	338	
15	432	127
20	529	
25	621	294
30	707	
35	788	506
40	862	
45	933	737
50	1004	
55	1073	954
60	1135	
65	1165	1061
70	1121	
75	990	884
80	787	
85	577	540
90	417	
95	313	316
100	247	
105	207	214
110	181	
115	162	160
120	148	
125	136	122
130	126	
135	116	90
140	108	
145	101	64
150	95	
155	89	42
160	85	
165	82	23
170	79	
175	77	7
180	76	

Luminaire Classification System (LCS)			
LCS	Zone	Lumens	%
FL	(0-30)	224	4%
FM	(30-60)	1098	18%
FH	(60-80)	973	16%
FVH	(80-90)	270	4%
BL	(0-30)	224	4%
BM	(30-60)	1098	18%
BH	(60-80)	973	16%
BVH	(80-90)	270	4%
UL	(90-100)	316	5%
UH	(100-180)	722	12%



PHOTOMETRICS FROM C85TFA-L60C FOR REFERENCE ONLY

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12104114.12