

TerraCast[®]

PRODUCTS

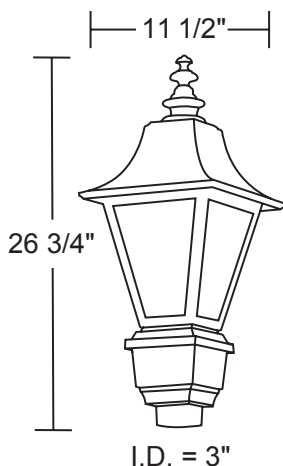
POST TOP FIXTURE TC31T

PROJECT _____

TYPE _____

VOLTAGE _____

COMMERCIAL
POST LIGHTING



EPA 1.39ft²
WT 21lbs

IES FILES AVAILABLE

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 commercial pole (sold separately) with 3 set screws and allen wrench (provided).

LIGHT SOURCE OPTIONS

DEDICATED LED SYSTEM - L

- 120-277V, 50/60Hz
- 150W or 250W Metal Halide Equivalent
- Estimated 100,000 Hrs L₈₀
- Surge Supression
- 3000K*, 4000K, or 5000K* CCT, 80CRI
- Type 3* or Type 5 Distribution
- 0 - 10V Dimming Upon Request
- 5 Year Warranty

REPLACEABLE LED CORN COB - LC

- 100-277V, 50/60Hz
- 250W Metal Halide Equivalent Lamp Included
- E39 Mogul Base Socket
- Estimated 50,000 Hrs L₇₀
- Surge Supression
- Available in 4000K CCT 80CRI
- Type 3, Type 5, or Dark Sky Distribution
- 5 Year Warranty
- DLC Listed

HID SYSTEM - MH/H

- Multi-Tap Magnetic Ballast, 120-277V Option
- 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



SPECIFICATIONS

- Cast Aluminum Housing
- Stainless Steel Set Screws
- Black, White, or Bronze Finish
- Acrylic Lenses
- Clear Prismatic or Opal Options
- UL Listed For Wet Locations

GUIDE: TC31TL-L40C-BK

CALL FOR PHOTOMETRIC INFORMATION

ITEM #	LENS	LIGHT SOURCE	COLOR	HID OPTIONS
C31T	ACRYLIC L-Opal P-Clear Prism	INCANDESCENT (1) 200W MAX Medium Base	BK-Black BZ-Bronze WH-White	MG -Mogul Base
		HPF MAGNETIC BALLAST 100MH -(1) 100W Metal Halide ☆ 150MH -(1) 150W Metal Halide ☆		MT -Multi-Tap (Specify 208, 240, or 277v. Tapped at 120v by default)
		70H -(1) 70W HPS ☆ 100H -(1) 100W HPS ☆ 150H -(1) 150W HPS ☆		R3 -Type III Glass Refractor R5 -Type V Glass Refractor
		LED LIGHT SOURCE		ACRYLIC BLACK OUT PANELS BP1 - One Panel BP2 - Two Panels BP3 - Three Panels
		DEDICATED LED SYSTEM L40 -40W 4000lm L60 -60W 6000lm	CCT W -3K* C -4K B -5K*	LED OPTIONS
		REPLACEABLE LED CORN COB LC3 -Type 3, 20W 3000lm ☆ LC5 -Type 5, 24W 3120lm ☆ LCD -Dark Sky, 24W 2400lm ☆		ACRYLIC BLACK OUT PANELS BP1 - One Panel BP2 - Two Panels BP3 - Three Panels D - 0-10V Dimming

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

REFER TO CATALOG FOR OPTION SPECIFICATIONS - Specifications subject to change without notice - FIXTURE SPEC 1/19

TERRACAST PRODUCTS • info@terraccastproducts.com • 305-895-9525



Terracast Products
Catalog Number
TC31TC-L60C

TerraCast
PRODUCTS

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.5 °C	120.0 VAC	0.5518 A	65.96 W	0.996	60 Hz	6.21 %

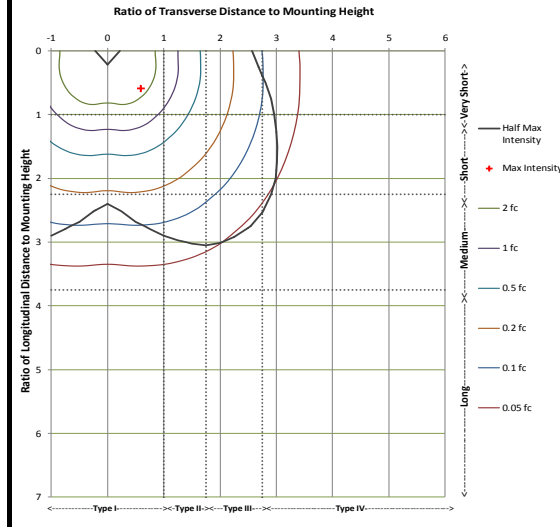
Summary of Results

Total Lumen Output	3341 Lumens
Luminaire Efficacy	50.6 lm/W
Maximum Candela	752 Candela
IES Roadway Classification	Type VS, Very Short
Cutoff Classification	Noncutoff
BUG Rating	B1 U3 G2

Luminaire Classification System (LCS)

LCS	Zone	Lumens	%
FL	(0-30)	214	6%
FM	(30-60)	756	23%
FH	(60-80)	419	13%
FVH	(80-90)	118	4%
BL	(0-30)	214	6%
BM	(30-60)	756	23%
BH	(60-80)	419	13%
BVH	(80-90)	118	4%
UL	(90-100)	143	4%
UH	(100-180)	182	5%

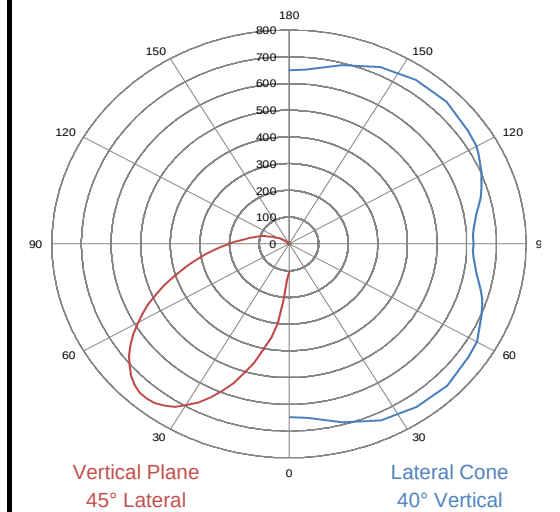
ISO FootCandle Plot at 12 Feet



Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	106	
5	213	25
10	354	
15	458	127
20	552	
25	631	276
30	695	
35	736	430
40	752	
45	741	533
50	705	
55	655	549
60	593	
65	525	479
70	450	
75	378	359
80	313	
85	256	237
90	206	
95	166	143
100	136	
105	111	87
110	86	
115	64	50
120	47	
125	34	26
130	24	
135	16	12
140	9	
145	5	5
150	2	
155	2	1
160	2	
165	2	1
170	3	
175	3	0
180	3	

Maximum Plane and Cone Plots of Candela



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12104114.09