

TerraCast® PRODUCTS

POST TOP FIXTURE TC36T

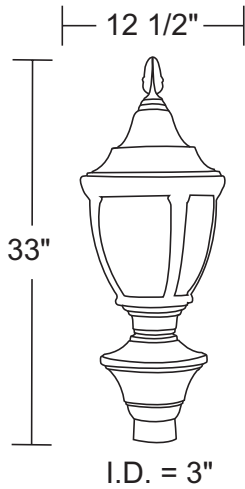
PROJECT _____

TYPE _____

VOLTAGE _____



Shown with glass refractor



**EPA 0.83ft²
WT 31lbs**

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
- DLC Listed

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 or Opal Lens Options
- UL Listed For Wet Locations

GUIDE: TC36TC-L40C-BK

CALL FOR PHOTOMETRIC INFORMATION

ITEM #	LENS	LIGHT SOURCE	COLOR	HID OPTIONS		
TC36T	ACRYLIC L-Opal C-Clear	INCANDESCENT (1) 200W MAX Medium Base HPF MAGNETIC BALLAST 100MH-(1) 100W Metal Halide ☆ 150MH-(1) 150W Metal Halide ☆ 70H-(1) 70W HPS ☆ 100H-(1) 100W HPS ☆ 150H-(1) 150W HPS ☆	BK-Black BZ-Bronze WH-White	DSR-Dark Sky Reflector MG-Mogul Base MT-Multi-Tap (Specify 208, 240, or 277v. Tapped at 120v by default) R3-Type III Glass Refractor R5-Type V Glass Refractor		
		LED LIGHT SOURCE			LED OPTIONS	
		DEDICATED LED SYSTEM L40-40W 4000lm L60-60W 6000lm REPLACEABLE LED CORN COB LC3-Type 3, 40W 5600lm ☆ LC5-Type 5, 54W 7200lm ☆ LCD-Dark Sky, 54W 5900lm ☆			CCT W-3K* C-4K B-5K*	D- 0-10V Dimming*

* 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 1/19



Catalog Number
TC36TC-L40C-BK

TerraCast
PRODUCTS

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.7 °C	120.0 VAC	0.3464 A	41.18 W	0.991	60 Hz	9.33 %

Summary of Results

Total Lumen Output	2141 Lumens
Luminaire Efficacy	52.1 lm/w
Maximum Candela	0 Candela
IES Roadway Classification	Type V, Very Short
Cutoff Classification	Cutoff
BUG Rating	B1 U2 G1
CCT	4911 K
CRI	74.1
Duv	0.0040
TM-30 Rf	73.2
TM-30 Rg	94.9

Luminaire Classification System (LCS)

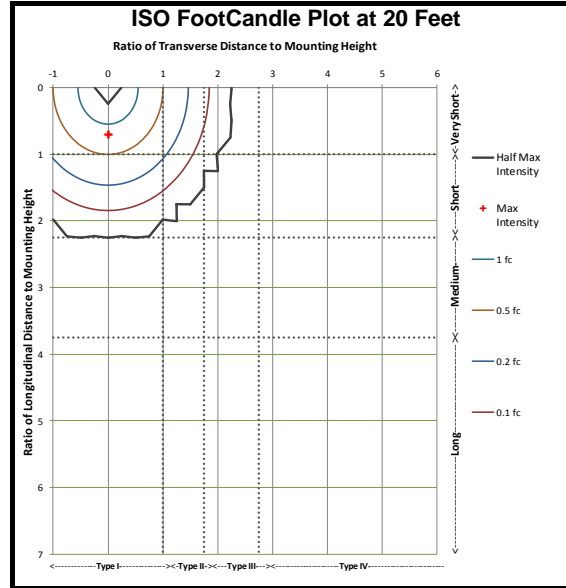
LCS	Zone	Lumens	%
FL	(0-30)	195	9%
FM	(30-60)	612	29%
FH	(60-80)	224	10%
FVH	(80-90)	17	1%
BL	(0-30)	195	9%
BM	(30-60)	612	29%
BH	(60-80)	224	10%
BVH	(80-90)	17	1%
UL	(90-100)	13	1%
UH	(100-180)	27	1%

Color Rendering Index Details

Ra (CRI)	74.1
R1	71.7
R2	78.1
R3	82.5
R4	74.8
R5	71.8
R6	69.8
R7	83.4
R8	60.9
R9	-17.4
R10	47.4
R11	71.2
R12	44.6
R13	72.4
R14	90.0

Chromaticity Coordinates

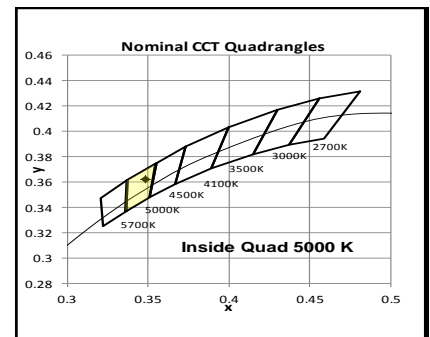
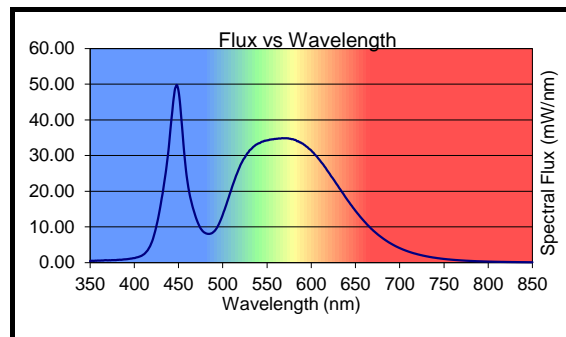
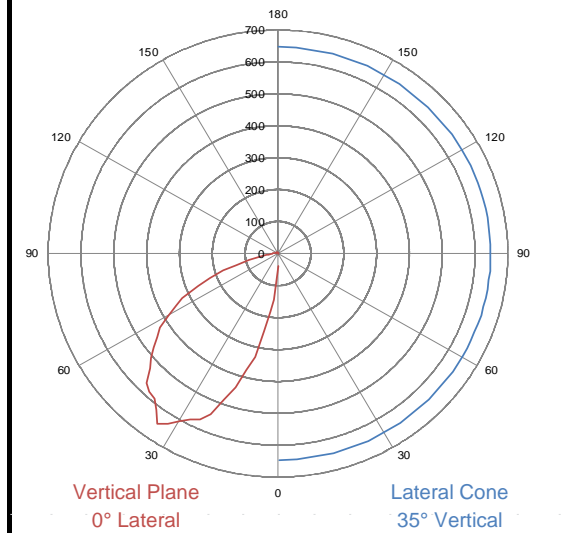
Chromaticity (x)	0.3485
Chromaticity (y)	0.3625
Chromaticity (u)	0.2095
Chromaticity (v)	0.3269
Chromaticity (u')	0.2095
Chromaticity (v')	0.4904



Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	39	
5	146	17
10	246	
15	378	111
20	487	
25	571	261
30	605	
35	648	390
40	589	
45	570	430
50	506	
55	450	404
60	388	
65	324	307
70	222	
75	132	141
80	54	
85	29	33
90	17	
95	11	13
100	9	
105	8	9
110	7	
115	7	7
120	6	
125	6	5
130	5	
135	5	4
140	4	
145	4	2
150	2	
155	1	1
160	1	
165	0	0
170	0	
175	0	0
180	0	

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 #1269773

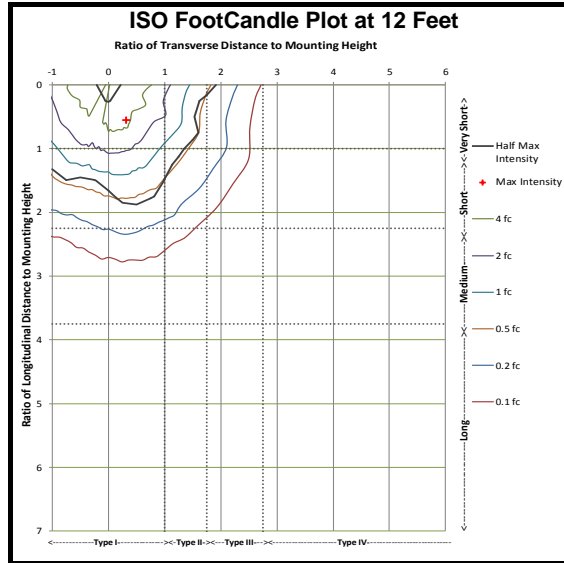


TerraCast® Products LLC
 Catalog Number
TC36TC-L60C



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.8 °C	120.1 VAC	0.5486 A	65.60 W	0.996	60 Hz	6.48 %

Summary of Results	
Total Lumen Output	3268 Lumens
Luminaire Efficacy	49.8 lm/W
Maximum Candela	1199 Candela
IES Roadway Classification	Type III, Very Short
Cutoff Classification	Cutoff
BUG Rating	B1 U2 G1

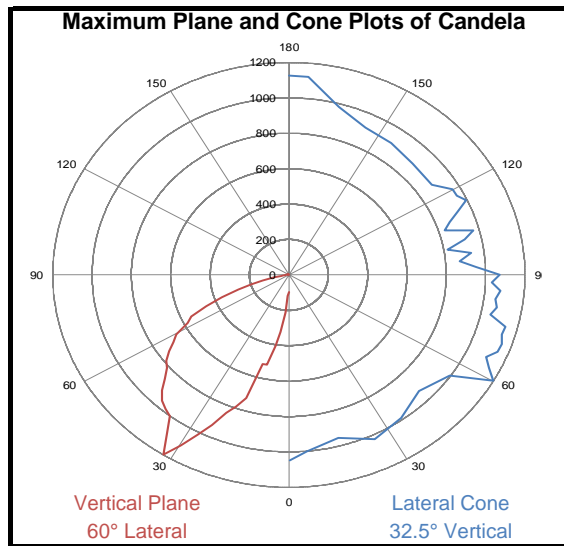


Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	97	
5	215	26
10	408	
15	519	176
20	787	
25	934	412
30	1110	
35	1088	615
40	984	
45	919	680
50	812	
55	747	618
60	665	
65	549	450
70	364	
75	198	202
80	75	
85	29	47
90	17	
95	13	15
100	10	
105	8	8
110	7	
115	7	6
120	7	
125	6	5
130	6	
135	5	3
140	4	
145	3	2
150	2	
155	1	0
160	0	
165	0	0
170	0	
175	0	0
180	0	

Luminaire Classification System (LCS)

LCS	Zone	Lumens	%
FL	(0-30)	322	10%
FM	(30-60)	990	30%
FH	(60-80)	347	11%
FVH	(80-90)	25	1%
BL	(0-30)	292	9%
BM	(30-60)	923	28%
BH	(60-80)	306	9%
BVH	(80-90)	22	1%
UL	(90-100)	15	0%
UH	(100-180)	25	1%



Testing was performed in accordance with LM-79-08
 The results contained in this summary pertain only to report #12104114.04