



NLS LIGHTING CLASSIC 1 ARCHITECTURAL LIGHTING

The Classic LED Post Top Lantern blends traditional design with modern LED and optical technology. The Classic is able to provide illumination at (70) seventy percent energy savings compared to previous technology. The Classic LED is also virtually maintenance free with the LEDs lasting up to 483,000 hours and beyond.

The Classic is Dark Sky Friendly and features a full cutoff optical reflector system. Micro Optics recessed within the fixture's surface and can distribute light up to five times the mounting height, creating powerful uniformity. The Classic LED provides uniform illumination with up to four to five mounting heights. The optical system is completely concealed inside the fixture top eliminating glare. The Classic is available in 3000, 4000 and 5000 Kelvin and is available from 18-71 watts. The Classic LED Series is the perfect luminaire for traditional American neighborhoods.

The standard Classic LED comes with flat glass lens in the top of the fixture with open sides. Opal, Frosted, and Clear side lenses can be ordered as options.

MICRO OPTIC SYSTEM
Our new cell-enclosed, Micro Optic silicone modules produce high clarity and outstanding performance.

LED WATTAGE CHART

Wattage	LED	Wattage
300 milliwatts	100	300
500 milliwatts	150	500
700 milliwatts	200	700
950 milliwatts	275	950

Project Name: _____ Type: _____

Class #	Light Dist.	No. of LEDs	Milliwatts	Kelvin	Volts	Color	Mounting	Options
CLA-1	Type 2 (T2)	18 (16L)	300 (30)	3000K (30K)	120-277V (120V)	Black (BK)	Post Top Over 2.5' OD (T2R)	Marine Grade Finish (MGF)
	Type 3 (T3)	32 (32L)	530 (53)	4000K (40K)		White (WT)	Post Top Over 3' OD (T3R)	Photochrome (PC)
	Type 4 (T4)		530 (53)	4000K (40K)		Silver (SVR)	Post Top Over 3' OD (T3R)	Photochrome + Receptacle (PCR)
	Type 5 (T5)		700 (7)	5000K (50K)		Hunter Green (HG)	Arm Mount (AM)	Receptacle Shortening (RS)
			1050 (1)	18k Day		Black (BK)	Arm Mount (AM)	NEBS, Pin Receptacle (NPR)
						Grey (GR)	Arm Mount (AM)	Photochrome (PC)
						Opal (OP)	Arm Mount (AM)	Photochrome + Receptacle (PCR)
						Clear (CL)	Arm Mount (AM)	Photochrome + Receptacle (PCR)
						Custom (CS)	Arm Mount (AM)	Photochrome + Receptacle (PCR)

PRODUCT SPECIFICATIONS

Housing: Cast Aluminum
LED: Luxeon M Series by Lumileds
Optics: Micro Optics, Type 2, 3, 4 and 5
Watts: 18-71
L70 Depreciation: 483,000 Hours @ (77°F/ 25°C)
Electrical: UL 1598 Listed

Driver: 0-10V Dimmable driver by Philips Advance
Kelvin: 3000, 4000, or 5000
Finish: 5 mils Powder Coat
Hardware: Stainless Steel
Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

CLASSIC - LUMEN DATA CHART

Part Number	T2 Lumens	T3 Lumens	T4 Lumens	T5 Lumens	T6 Lumens	T7 Lumens	T8 Lumens	T9 Lumens	T10 Lumens	T11 Lumens	T12 Lumens	T13 Lumens	T14 Lumens	T15 Lumens	T16 Lumens	T17 Lumens	T18 Lumens	T19 Lumens	T20 Lumens	
CLA-1-T2-36L-740K-SINGLE	2142	1119	2088	1116	1044	58	2070	1115	1056	57	2160	120	118							
CLA-1-T3-36L-740K-SINGLE	2396	1298	2247	1251	1176	62	2227	1244	1098	61	2322	128	118							
CLA-1-T4-36L-740K-SINGLE	2596	1311	2297	1281	1188	66	2277	1271	1170	65	2376	132	122							
CLA-1-T5-36L-740K-SINGLE	3275	1317	3192	1314	1624	58	3165	1313	1596	57	3204	138	298							
CLA-1-T2-36L-740K-SINGLE	3024	129	3435	123	1736	62	3406	122	1708	61	3556	127	28							
CLA-1-T3-36L-740K-SINGLE	3603	129	3811	128	1848	66	3482	124	1820	65	3640	130	28							
CLA-1-T4-36L-740K-SINGLE	4100	114	4115	111	2088	58	4003	111	2052	57	4176	116	30							
CLA-1-T5-36L-740K-SINGLE	4811	120	4300	118	2232	62	4308	120	2196	61	4500	125	30							
CLA-1-T2-36L-740K-SINGLE	4810	120	4399	122	2376	66	4404	122	2340	65	4508	128	30							
CLA-1-T3-36L-740K-SINGLE	5688	105	5712	102	3048	58	5687	100	3192	57	5880	105	30							
CLA-1-T4-36L-740K-SINGLE	6400	113	6146	110	3472	62	6091	109	3416	61	6208	113	30							
CLA-1-T5-36L-740K-SINGLE	6443	115	6283	112	3696	66	6227	111	3640	65	6496	116	30							
CLA-1-T2-36L-740K-SINGLE	6088	114	7881	111	4118	58	7896	111	4047	57	8236	114	27							
CLA-1-T3-36L-740K-SINGLE	8700	125	8480	119	4402	62	8496	120	4331	61	8875	125	27							
CLA-1-T4-36L-740K-SINGLE	8894	125	8669	122	4696	66	8685	122	4615	65	9088	128	27							

DIMENSION

Dimension	CLA-1	CLA-1-PM
A	17.68 in. SQ	17.68 in. SQ
B	25.75 in.	29.4 in.

WEIGHT

35 lbs.

EPA

Category	CLA-1
SINGLE-TOP LENS	1.25
SINGLE-SIDE LENSES	1.93



Luminaire Schedule

Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts
⊗	22	A	SINGLE	0.950	CLA-1-T3-36L-740K-SINGLE @ 16' MTG. HT.	75
⊗	9	B	SINGLE	0.950	CLA-1-T5-36L-740K-SINGLE @ 16' MTG. HT.	75

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPnts_1	Illuminance	Fc	1.25	5.8	0.1	12.50	58.00

Monmouth County Route No. 537
(a.k.a. Tinton Falls and Colts Neck Turnpike)
(50' R.O.W.)

313.58' S 80°36'00" W
151.93' S 84°54'43" W

P.O.B.

BENCHMARK NAIL SET ELEV. 85.08

PB-7393

REV.	DATE	DESCRIPTION
1	07-07-20	REVISED FOR COMPLETENESS

TRE TWO RIVER ENGINEERING
P.O. Box 155
Colts Neck, N.J. 07722
Tel: 732.866.0111
Fax: 732.866.4348

PRELIMINARY AND FINAL MAJOR SITE PLAN LIGHTING PLAN FOR BLOCK 33 LOT 21

TAX MAP SHEET NO. 7
TOWNSHIP OF COLTS NECK
MONMOUTH COUNTY
NEW JERSEY

A.U. GARFO, JR.
DATE: 07-07-2020
N.J. Professional Engineer
License No. 246E03799700

PROJECT NO.: 18130
DATE: FEBRUARY 13, 2020
DRAWING NO.: 18130-03
DRAWN BY: AJG
CLIENT: CNCC
SCALE: 1"=30'

SHEET NO. 7 OF 15