

LED Lighting Systems, Technologies & Manufacturing 

IES INDOOR REPORT

PHOTOMETRIC FILENAME : NLS0810W3K030D30DC120VAN.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 0001
 [ISSUE DATE] 6/2/2017 10:36
 [MANUFAC] Boca Flasher Inc.
 [LUMCAT] HPNLS-LO8/HPNFC-HO8
 [LUMINAIRE] HPNLS-LO8, 10W, 3K0, 30° X 30°, 120V, CLEAR ANODIZED, CLEAR LENS
 [LAMPCAT] HPNLS-LO8/HPNFC-HO8
 [LAMP]
 [_VOLTAGE] 120.9 V
 [_CURRENT] 0.087 A
 [_POWERFACTOR] 0.960
 [TESTLAB] Boca Flasher Inc
 [_TESTINST] LSG-1800B
 [_TESTDIST] 9.506 m

CHARACTERISTICS

Lumens Per Lamp	751.7 (1 lamp)
Total Lamp Lumens	751.7
Luminaire Lumens	752
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	10.19
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.62
Spacing Criterion (90-270)	0.56
Spacing Criterion (Diagonal)	0.58
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.31 m
Luminous Width (90-270)	0.04 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4676	4927	3935
55	2244	2182	1626
65	1363	1124	876
75	904	536	495
85	175	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NLS0810W3K030D30DC120VAN.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	442.95	58.90	58.90
0-30	622.79	82.90	82.80
0-40	700.29	93.20	93.20
0-60	743.85	99.00	99.00
0-80	751.59	100.00	100.00
0-90	751.71	100.00	100.00
10-90	598.67	79.60	79.60
20-40	257.34	34.20	34.20
20-50	287.85	38.30	38.30
40-70	49.36	6.60	6.60
60-80	7.73	1.00	1.00
70-80	1.94	0.30	0.30
80-90	0.13	0.00	0.00
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	751.71	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	153.04
10-20	289.91
20-30	179.84
30-40	77.49
40-50	30.51
50-60	13.05
60-70	5.80
70-80	1.94
80-90	0.13
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

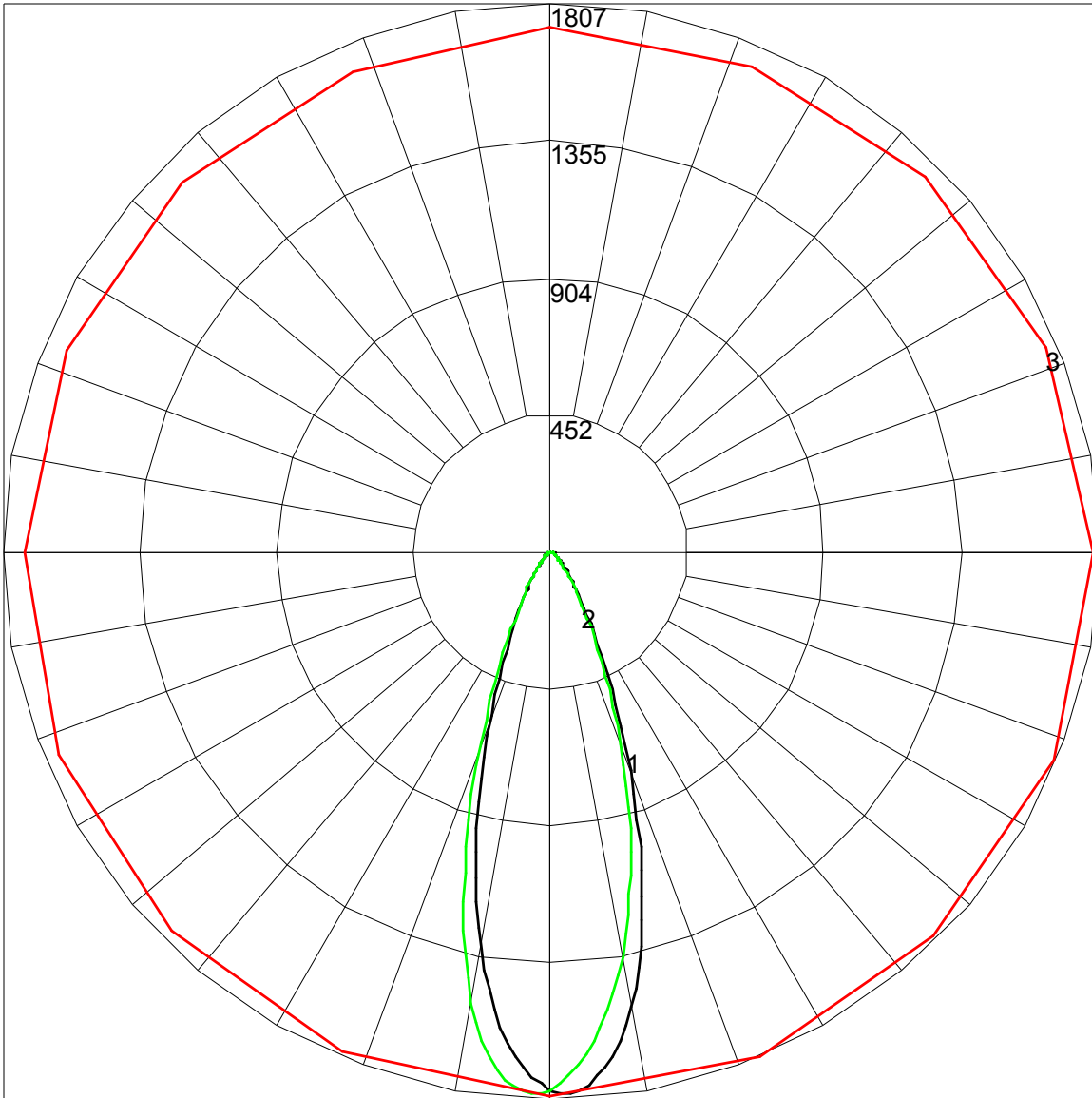
IES INDOOR REPORT
PHOTOMETRIC FILENAME : NLS0810W3K030D30DC120VAN.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89
3	105	99	94	91	103	97	93	90	95	92	89	93	90	87	90	88	86	85
4	100	94	89	85	98	92	88	84	90	86	83	88	85	82	87	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	77	76
6	92	84	79	75	91	84	79	75	82	78	75	81	77	74	80	76	74	72
7	89	81	75	72	87	80	75	71	79	74	71	78	74	71	77	73	70	69
8	85	77	72	68	84	76	72	68	75	71	68	74	70	68	74	70	67	66
9	82	74	69	65	81	73	68	65	72	68	65	72	68	65	71	67	64	63
10	79	71	66	62	78	70	66	62	70	65	62	69	65	62	68	65	62	61

POLAR GRAPH



Maximum Candela = 1807.27 Located At Horizontal Angle = 292.5, Vertical Angle = 2

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (90 - 270)
- # 3 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)