

LED Lighting Systems, Technologies & Manufacturing 

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NAN1806W2K0120D120D120VWC.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [ISSUE DATE] 6/28/2017 16:00
 [MANUFAC] Boca Flasher Inc
 [LUMCAT] NANOLUME
 [LUMINAIRE] 06W, 120°, CLEAR, WHITE, 120V, 1FT
 [LAMP CAT] SOLID COLOR
 [LAMP] VERY WARM WHITE, 2000K
 [_VOLTAGE] 120.3 V
 [_CURRENT] 0.050 A
 [_POWERFACTOR] 0.981
 [TESTLAB] Boca Flasher Inc
 [_TESTINST] LSG-1800B
 [_TESTDIST] 9.506 m

CHARACTERISTICS

Lumens Per Lamp	363.1 (1 lamp)
Total Lamp Lumens	363.1
Luminaire Lumens	363
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	61
Total Luminaire Watts	5.96
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.31 m
Luminous Width (90-270)	0.01 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	31897	31507	31338
55	30524	29540	10036
65	27396	9605	3894
75	19283	4911	5725
85	6903	8353	7440

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	51.76	14.30	14.30
0-30	110.63	30.50	30.50
0-40	182.37	50.20	50.20
0-60	318.04	87.60	87.60
0-80	360.20	99.20	99.20
0-90	363.08	100.00	100.00
10-90	349.75	96.30	96.30
20-40	130.61	36.00	36.00
20-50	205.37	56.60	56.60
40-70	166.18	45.80	45.80
60-80	42.16	11.60	11.60
70-80	11.65	3.20	3.20
80-90	2.87	0.80	0.80
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	363.08	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	13.33
10-20	38.43
20-30	58.87
30-40	71.74
40-50	74.76
50-60	60.91
60-70	30.51
70-80	11.65
80-90	2.87
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

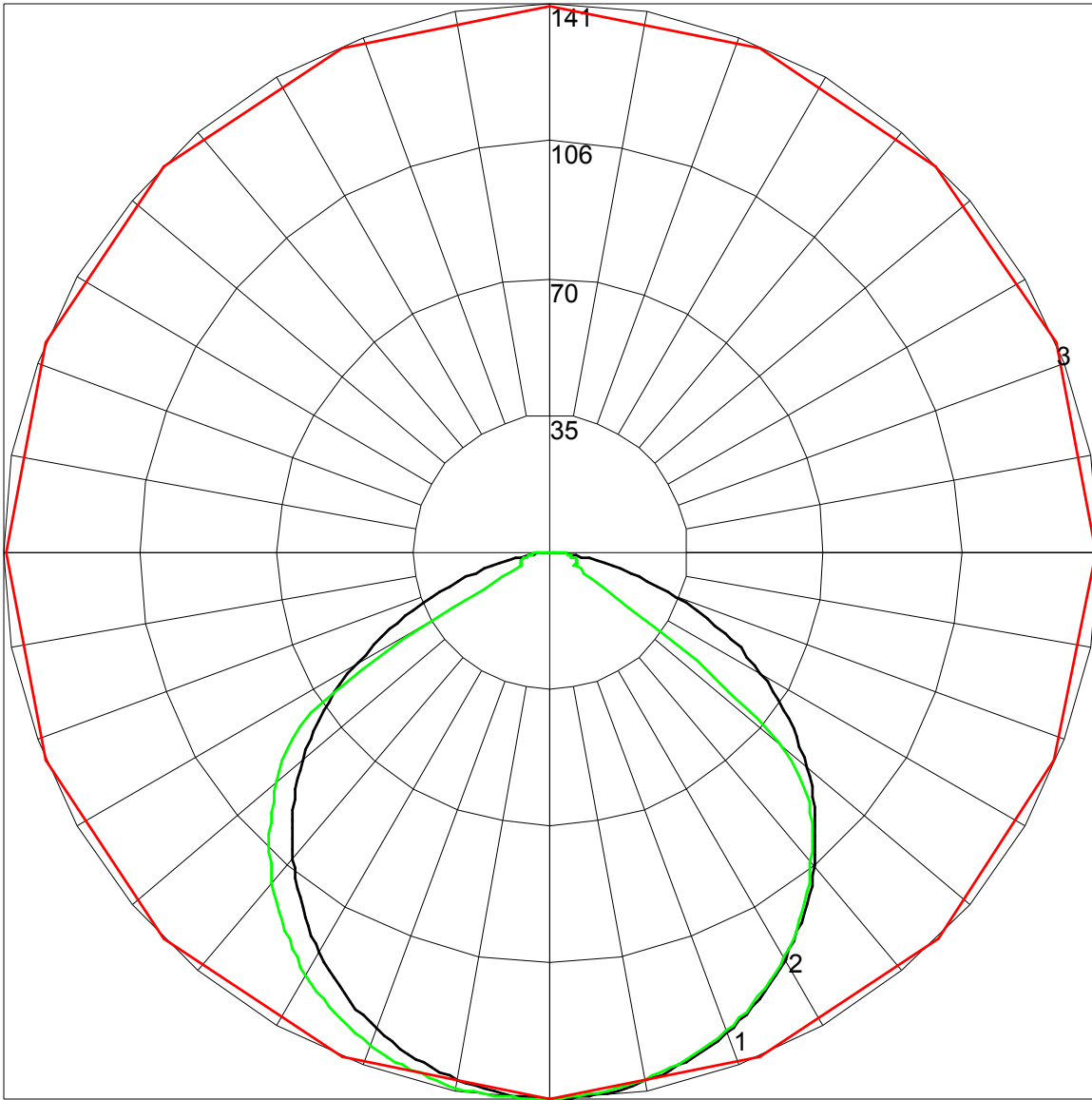
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	99	107	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74
3	93	83	75	69	90	81	74	69	79	73	68	76	71	67	73	69	65	63
4	85	74	66	59	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	78	66	58	52	76	65	57	51	63	56	51	61	55	50	59	54	50	48
6	73	60	51	45	71	59	51	45	57	50	45	55	49	44	54	48	44	42
7	67	54	46	40	66	54	46	40	52	45	40	51	44	39	49	43	39	37
8	63	50	41	36	61	49	41	36	48	40	35	46	40	35	45	39	35	33
9	59	46	38	32	57	45	37	32	44	37	32	43	36	32	42	36	32	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27

POLAR GRAPH



Maximum Candela = 140.85 Located At Horizontal Angle = 270, 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.)