

LED Lighting Systems, Technologies & Manufacturing 

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NAN1806W4K0120D120D120VWC.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [ISSUE DATE] 6/29/2017 09:19
 [MANUFAC] Boca Flasher Inc
 [LUMCAT] NANOLUME
 [LUMINAIRE] 06W, 120°, CLEAR, WHITE, 120V, 1FT
 [LAMP CAT] SOLID COLOR
 [LAMP] NEUTRAL WHITE, 4000K
 [_VOLTAGE] 120.6 V
 [_CURRENT] 0.051 A
 [_POWERFACTOR] 0.981
 [TESTLAB] Boca Flasher Inc
 [_TESTINST] LSG-1800B
 [_TESTDIST] 9.506 m

CHARACTERISTICS

Lumens Per Lamp	473.8 (1 lamp)
Total Lamp Lumens	473.8
Luminaire Lumens	474
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	77
Total Luminaire Watts	6.15
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.42
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	41872	41011	40756
55	40454	38944	25851
65	36032	23109	5484
75	25370	6494	7236
85	9589	9750	6151

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NAN1806W4K0120D120D120VWC.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	66.43	14.00	14.00
0-30	142.16	30.00	30.00
0-40	234.97	49.60	49.60
0-60	413.45	87.30	87.30
0-80	470.30	99.30	99.30
0-90	473.85	100.00	100.00
10-90	456.74	96.40	96.40
20-40	168.55	35.60	35.60
20-50	265.80	56.10	56.10
40-70	220.33	46.50	46.50
60-80	56.86	12.00	12.00
70-80	15.00	3.20	3.20
80-90	3.55	0.70	0.70
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	473.85	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	17.11
10-20	49.32
20-30	75.73
30-40	92.82
40-50	97.25
50-60	81.23
60-70	41.86
70-80	15.00
80-90	3.55
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

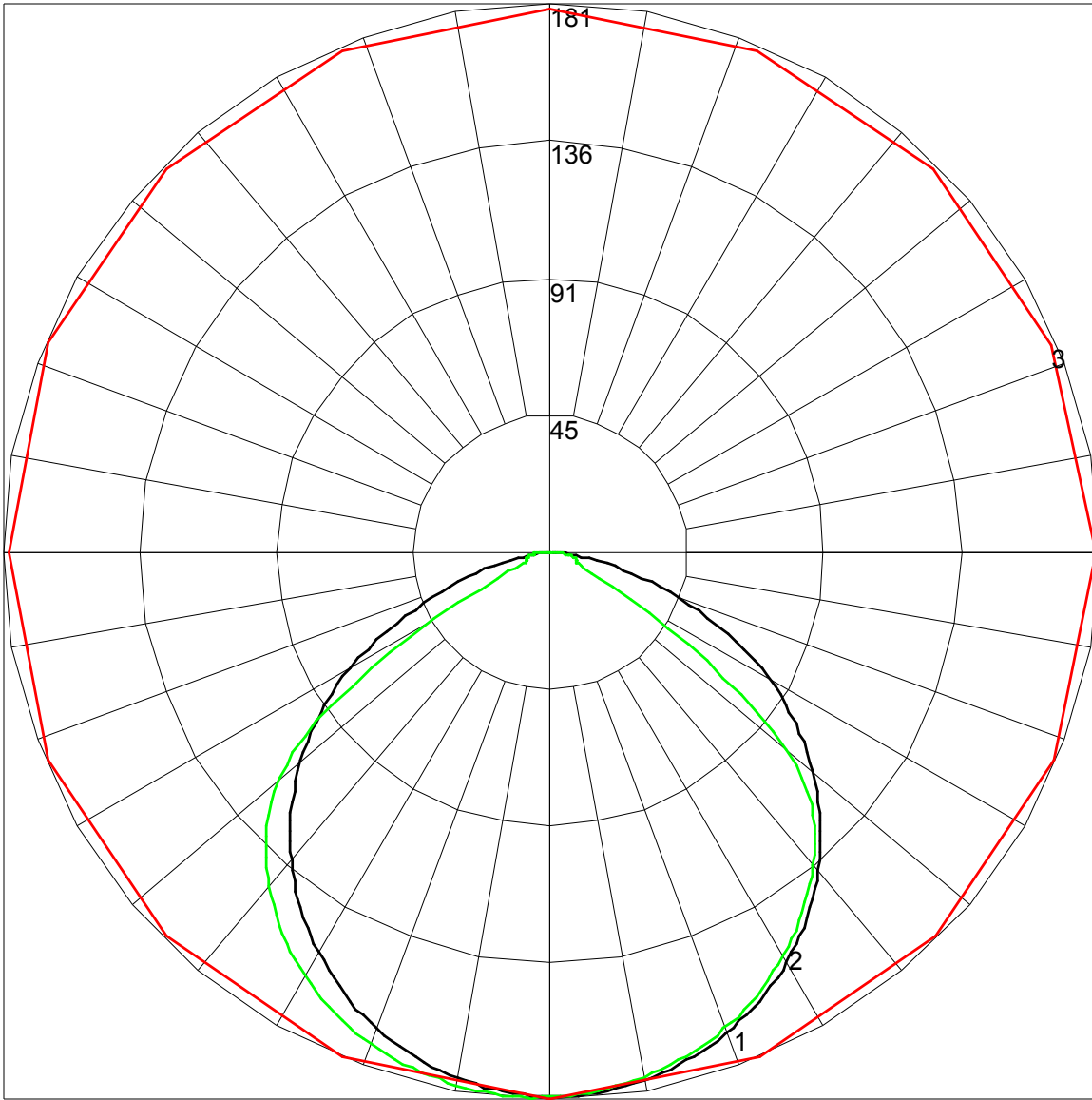
IES INDOOR REPORT
PHOTOMETRIC FILENAME : NAN1806W4K0120D120D120VWC.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	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	99	97	94	96	93	91	92	90	89	87
2	101	94	87	82	98	92	86	81	88	83	79	85	81	77	82	79	76	74
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	65	59	83	72	65	59	70	63	58	68	62	57	66	61	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	72	60	51	45	70	59	51	45	57	50	44	55	49	44	54	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	36	32	42	36	31	41	36	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

POLAR GRAPH



Maximum Candela = 181.22 Located At Horizontal Angle = 247.5, Vertical Angle = 4

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (90 - 270)
- # 3 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)