

LED Lighting Systems, Technologies & Manufacturing 

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : NAN1806W2K7120D120D120VWC.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST]  
 [ISSUE DATE] 6/28/2017 15:31  
 [MANUFAC] Boca Flasher Inc  
 [LUMCAT] NANOLUME  
 [LUMINAIRE] 06W, 120°, CLEAR, WHITE, 120V, 1FT  
 [LAMP CAT] SOLID COLOR  
 [LAMP] WARM WHITE, 2700K  
 [VOLTAGE] 120.2 V  
 [CURRENT] 0.052 A  
 [POWERFACTOR] 0.981  
 [TESTLAB] Boca Flasher Inc  
 [TESTINST] LSG-1800B  
 [TESTDIST] 9.506 m

**CHARACTERISTICS**

Lumens Per Lamp	495.2 (1 lamp)
Total Lamp Lumens	495.2
Luminaire Lumens	495
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	6.19
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.26
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	43782	42183	40939
55	42123	39303	22876
65	38419	21652	4321
75	27722	5400	6060
85	11523	8326	6742

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	69.49	14.00	14.00
0-30	148.46	30.00	30.00
0-40	244.67	49.40	49.40
0-60	429.62	86.80	86.80
0-80	491.70	99.30	99.30
0-90	495.22	100.00	100.00
10-90	477.31	96.40	96.40
20-40	175.18	35.40	35.40
20-50	275.40	55.60	55.60
40-70	231.34	46.70	46.70
60-80	62.07	12.50	12.50
70-80	15.68	3.20	3.20
80-90	3.52	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	495.22	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	17.90
10-20	51.59
20-30	78.97
30-40	96.21
40-50	100.23
50-60	84.73
60-70	46.39
70-80	15.68
80-90	3.52
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

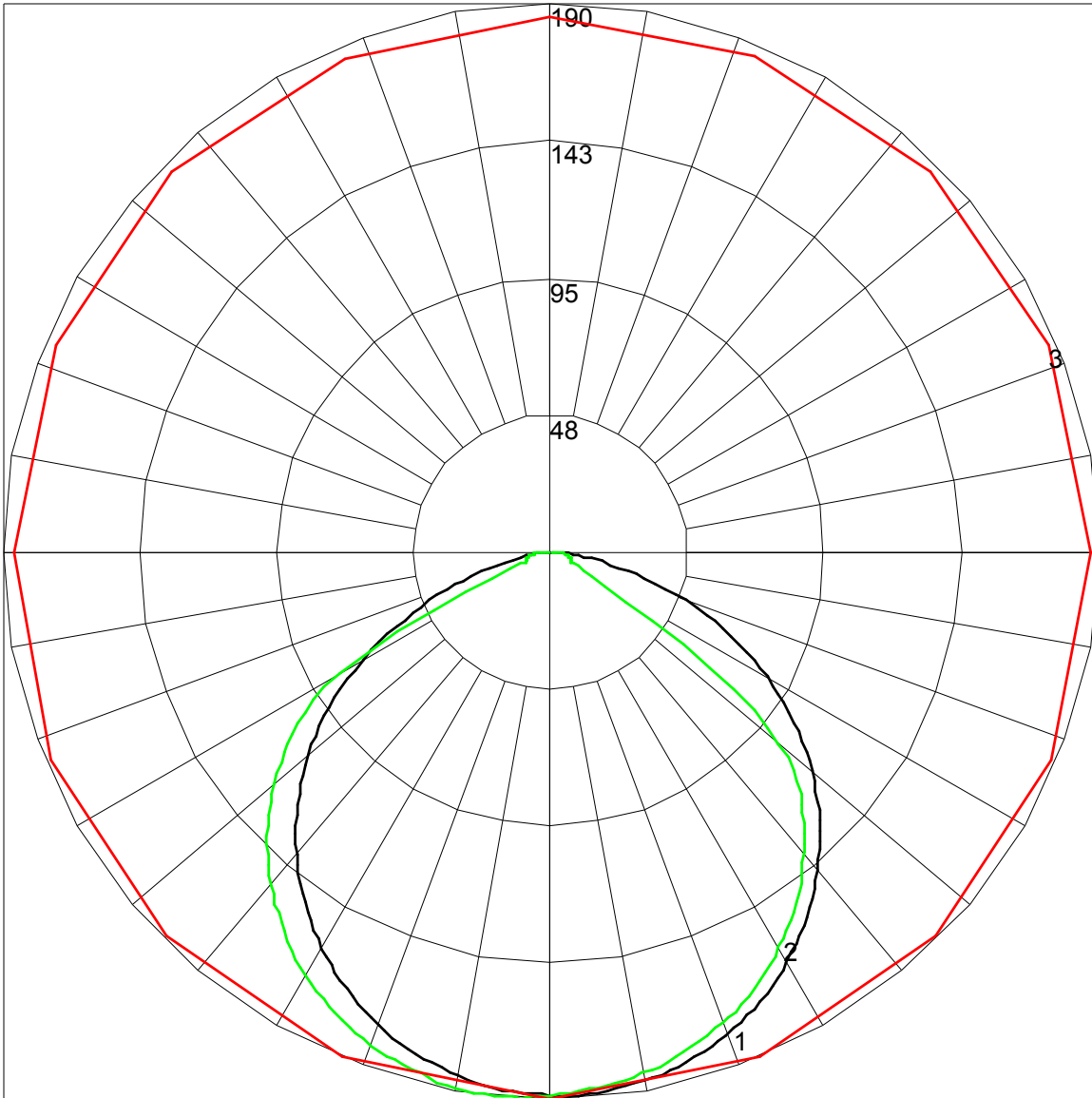
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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

POLAR GRAPH



Maximum Candela = 190.04 Located At Horizontal Angle = 270, Vertical Angle = 7

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (90 - 270)
- # 3 - Horizontal Cone Through Vertical Angle (7) (Through Max. Cd.)