

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NAN06W3K0120D120D120VCLRANOEXTCLRLEN.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 201702021115
 [ISSUE DATE] 2/2/2017 11:15
 [MANUFAC] Boca Flasher Inc.
 [LUMCAT] Nanolume
 [LUMINAIRE] Nanolume - EXT
 [LAMPCAT] Nanolume-6W-3000K-120°-120V-A-S-EXT-C
 [LAMP] 6W, 3K, 120DEG, Clear Lens
 [_VOLTAGE] 120.6 V
 [_CURRENT] 0.052 A
 [_POWERFACTOR] 0.964
 [TESTLAB] Boca Flasher Inc
 [_TESTINST] LSG-1800B
 [_TESTDIST] 9.506 m

CHARACTERISTICS

Lumens Per Lamp	572.6 (1 lamp)
Total Lamp Lumens	572.6
Luminaire Lumens	573
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	6.15
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.30
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	50366	51350	52505
55	47171	48220	49826
65	41468	40313	38877
75	27127	17182	2630
85	27006	17432	3028

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	43.70	7.60	7.60
0-30	162.91	28.50	28.50
0-40	162.91	28.50	28.50
0-60	476.90	83.30	83.30
0-80	558.78	97.60	97.60
0-90	572.60	100.00	100.00
10-90	572.60	100.00	100.00
20-40	119.21	20.80	20.80
20-50	280.44	49.00	49.00
40-70	313.99	54.80	54.80
60-80	81.88	14.30	14.30
70-80	81.88	14.30	14.30
80-90	13.81	2.40	2.40
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	572.60	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	43.70
20-30	119.21
30-40	0.00
40-50	161.23
50-60	152.76
60-70	0.00
70-80	81.88
80-90	13.81
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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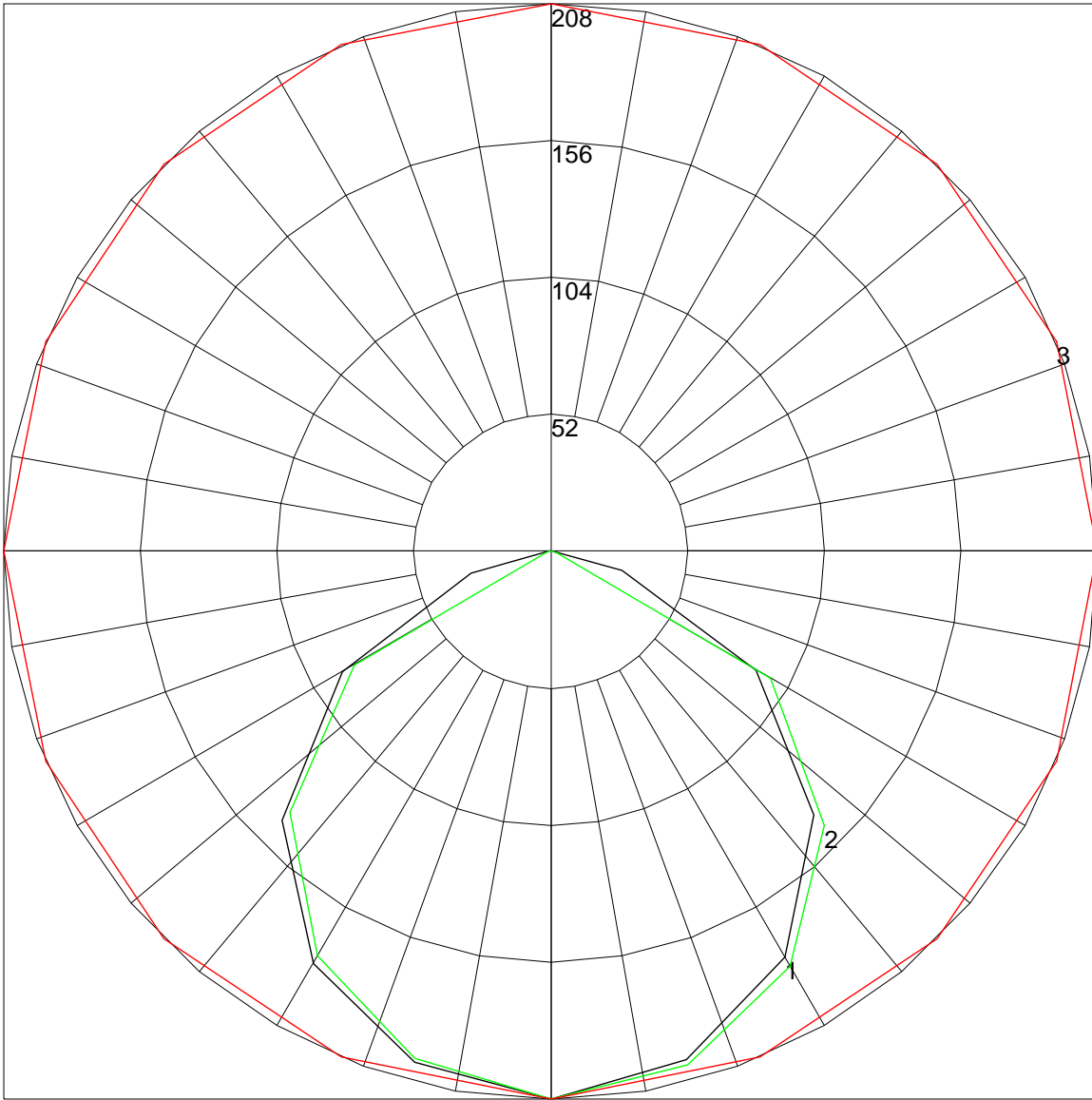
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	108	102	97	93	105	100	96	92	96	92	89	92	89	86	88	86	83	81
2	97	88	80	74	94	86	79	73	82	77	72	79	74	70	76	72	68	66
3	88	76	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	55
4	80	67	58	51	78	66	57	50	63	55	49	61	54	49	58	53	48	46
5	73	59	50	43	71	58	49	42	56	48	42	54	47	41	52	46	41	39
6	67	53	43	37	65	52	43	36	50	42	36	48	41	36	47	40	35	33
7	62	47	38	32	60	47	38	32	45	37	31	44	36	31	42	36	31	29
8	57	43	34	28	55	42	34	28	41	33	27	39	32	27	38	32	27	25
9	53	39	30	24	52	38	30	24	37	30	24	36	29	24	35	29	24	22
10	49	36	27	22	48	35	27	22	34	27	22	33	26	21	32	26	21	20

POLAR GRAPH



Maximum Candela = 207.9 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)