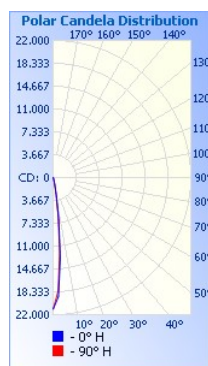


ZANIBONI® LIGHTING

Filename: S3-BON3M-1830C-SS-WS-Z-0
Manufacturer: Zaniboni Lighting
Luminaire: S3-BON3M-1830C-SS-WS-Z-0
Luminaire Cat: S3-BON3M-1830C-SS-WS-Z-0
Lamp: WHITE 3K 90 CRI 10 DEGREE SOLITE FILM
Lamp Output: Total luminaire Lumens: 1257.5
Max Candela: 21,090.3 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Circular (Dia: 2.76")
Test: BONGO 3M V8 516mA 38.17V
Test Lab: Zaniboni Light
Photometry : Type C
Nema Type: 2 X 2



Roadway Summary

Cutoff Classification:	N/A
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.6
Max Cd, 80 to <90 Deg:	0
Lumens % Lamp	
Downward Street Side:	639.8 50.9%
Downward House Side:	640.0 50.9%
Downward Total:	1,279.8 101.8%
Total Lumens:	1,279.8 101.8%

Flood Summary

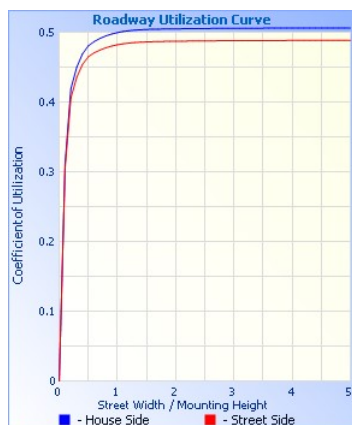
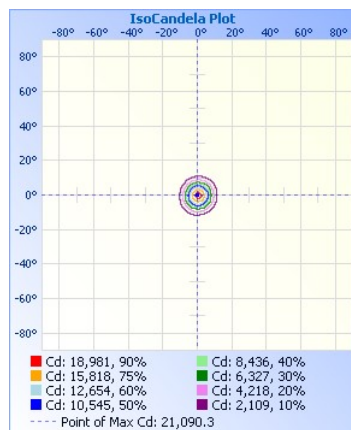
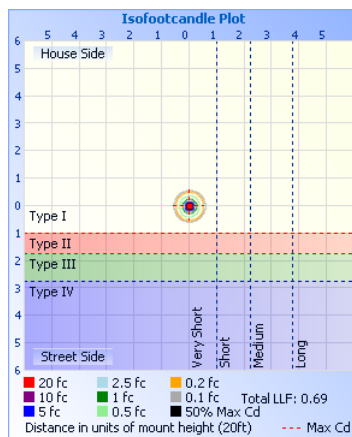
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	71.1%	894.0	21.7	22.5
Beam (50%):	35.8%	450.6	11.5	11.9
Total:	101.6%	1,277.9		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,168.8	92.9%
0-40	1,215.5	96.7%
0-60	1,249.1	99.3%
60-90	8.5	0.7%
0-90	1,257.5	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	849.0	67.5%
10-20	240.7	19.1%
20-30	79.1	6.3%
30-40	46.7	3.7%
40-50	29.1	2.3%
50-60	4.5	0.4%
60-70	5.0	0.4%
70-80	3.0	0.2%
80-90	0.5	0.0%



Illuminance at a Distance		
Center Beam fc	Beam Width	
5.0R	844 fc	1.0 ft 1.0 ft
10.0R	211 fc	2.1 ft 2.0 ft
15.0R	93.7 fc	3.1 ft 3.0 ft
20.0R	52.7 fc	4.2 ft 4.0 ft
25.0R	33.7 fc	5.2 ft 5.0 ft
30.0R	23.4 fc	6.3 ft 6.0 ft
Vert. Spread: 11.9°		
Horiz. Spread: 11.5°		

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%	
RCC %:	80 70 50 30 10 0

RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.16	1.14	1.12	1.11	1.13	1.12	1.10	.98	1.08	1.07	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98
2	1.13	1.09	1.07	1.05	1.11	1.08	1.05	.96	1.05	1.03	1.01	1.02	1.00	.99	.99	.98	.97	.96
3	1.10	1.06	1.03	1.00	1.08	1.04	1.02	.94	1.02	1.00	.98	1.00	.98	.96	.98	.96	.95	.94
4	1.07	1.03	.99	.97	1.06	1.02	.99	.93	1.00	.97	.95	.98	.96	.94	.96	.95	.93	.92
5	1.05	1.00	.97	.94	1.04	.99	.96	.91	.98	.95	.93	.96	.94	.92	.95	.93	.92	.91
6	1.03	.98	.94	.92	1.02	.97	.94	.90	.96	.93	.91	.95	.92	.91	.94	.92	.90	.89
7	1.01	.96	.93	.90	1.00	.95	.92	.89	.94	.92	.90	.93	.91	.89	.92	.90	.89	.88
8	.99	.94	.91	.89	.98	.94	.91	.87	.93	.90	.88	.92	.90	.88	.91	.89	.88	.87
9	.98	.93	.89	.87	.97	.92	.89	.86	.91	.89	.87	.91	.88	.87	.90	.88	.86	.86
10	.96	.91	.88	.86	.96	.91	.88	.85	.90	.88	.86	.90	.87	.86	.89	.87	.85	.85

Candela Table - Type C

	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
0	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090	21090
2.5	19096	18897	18736	18589	18466	18359	18280	18231	18200	18192	18204	18227	18265	18306	18362	18416	18467	18510	18545	18580	18596	18610	18620	18630	18638	18648	18657	18667	18672	18671	18651
5	12967	12696	12476	12278	12103	11972	11890	11856	11863	11913	12000	12108	12224	12350	12466	12570	12647	12698	12730	12761	12770	12776	12781	12784	12789	12805	12837	12877	12915	12943	12954
7.5	6830	6609	6403	6220	6081	5977	5907	5884	5908	5962	6057	6186	6338	6485	6616	6719	6790	6816	6810	6779	6728	6671	6615	6579	6574	6587	6614	6659	6716	6781	6835
10	3053	2903	2765	2651	2560	2496	2459	2442	2445	2475	2533	2610	2709	2816	2916	2992	3037	3040	3015	2970	2915	2863	2827	2798	2784	2787	2809	2843	2896	2956	3022
12.5	1256	1179	1114	1058	1017	991	971	962	958	965	979	1007	1049	1100	1153	1193	1210	1200	1173	1134	1099	1071	1056	1053	1058	1065	1080	1096	1122	1160	1204
15	595	560	531	510	496	489	485	483	477	472	471	477	489	509	533	552	560	548	528	508	493	485	484	489	498	504	505	508	515	531	550
30	73	71	70	70	70	70	71	71	72	73	74	75	76	77	79	80	80	80	79	77	76	75	74	74	74	73	73	72	72	72	71
60	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
90	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] BONGO 3M V8 516mA 38.17V
[TESTLAB] Zaniboni Light
[ISSUEDATE] 5/6/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] S3-BON3M-1830C-SS-WS-Z-0
[LUMINAIRE] S3-BON3M-1830C-SS-WS-Z-0
[LAMP] WHITE 3K 90 CRI 10 DEGREE SOLITE FILM

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 10, HORIZONTAL ANGLES: 37
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.