

**Filename: D2-LUN3A-1330C-3S-WS-Z-0**

Manufacturer: Zaniboni Lighting

Luminaire: D2-LUN3A-1330C-3S-WS-Z-0

Luminaire Cat: D2-LUN3A-1330C-3S-WS-Z-0

Lamp: WHITE 3K 90 CRI 36 DEG SLOITE FILM

Lamp Output: Total luminaire Lumens: 1209.9

Max Candela: 2,493.3 at Horizontal: 0°, Vertical: 0°

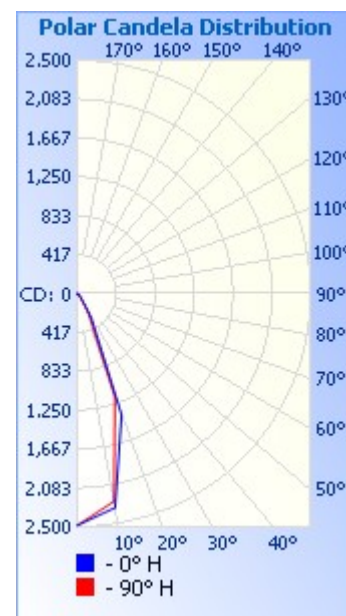
Luminous Opening: Circular (Dia: 1.57")

Test: Luna 3A V10 358mA 31.09V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 4 X 4

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.3
Max Cd, 80 to <90 Deg:	1.1
Lumens % Lamp	
Downward Street Side:	629.6 52%
Downward House Side:	599.0 49.5%
Downward Total:	1,228.6 101.5%
Total Lumens:	1,228.6 101.5%

Flood Summary

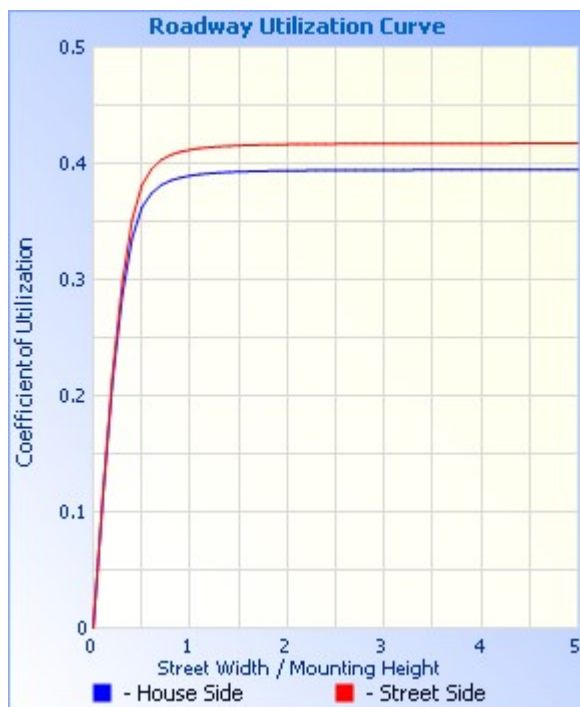
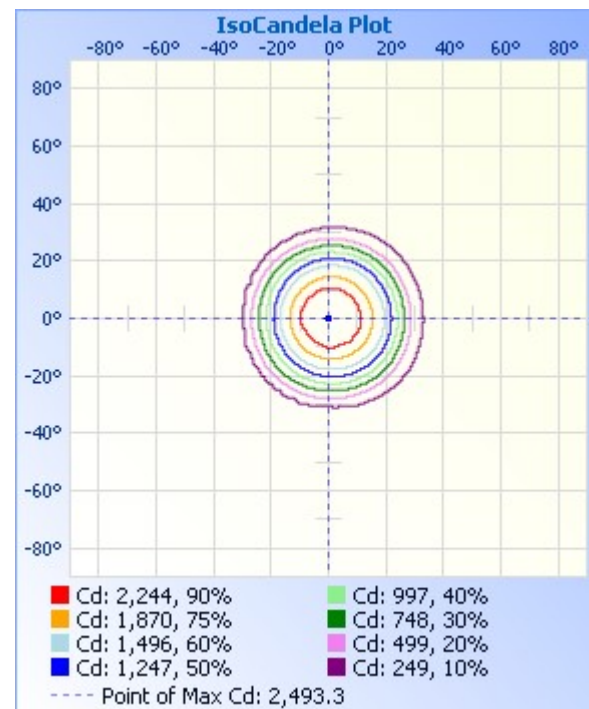
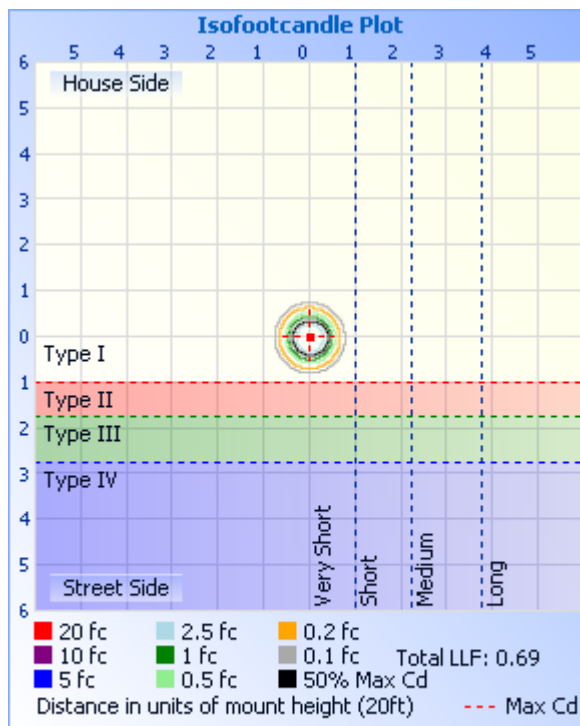
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	90%	1,088.9	62.4	62.6
Beam (50%):	60.8%	736.2	40.9	41
Total:	101.5%	1,227.4		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,051.5	86.9%
0-40	1,154.1	95.4%
0-60	1,201.5	99.3%
60-90	8.4	0.7%
0-90	1,209.9	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	224.0	18.5%
10-20	486.1	40.2%
20-30	341.4	28.2%
30-40	102.6	8.5%
40-50	33.3	2.8%
50-60	14.1	1.2%
60-70	5.7	0.5%
70-80	2.0	0.2%
80-90	0.7	0.1%



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	10	50	30	20	10	50	30	20	10	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	1.02	1.02	1.02	1.00
1	1.14	1.12	1.09	1.07	1.12	1.10	1.08	.95	1.06	1.04	1.03	1.02	1.01	.99	.98	.97	.97	.97	.97	.97	.95
2	1.09	1.05	1.02	.99	1.07	1.03	1.00	.90	1.00	.98	.95	.97	.95	.93	.95	.93	.91	.91	.91	.91	.90
3	1.05	.99	.95	.91	1.03	.98	.94	.86	.95	.92	.89	.93	.90	.88	.91	.89	.87	.87	.87	.87	.85

4	1.01	.94	.89	.86	.99	.93	.88	.82	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5	.96	.89	.84	.81	.95	.88	.84	.78	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6	.93	.85	.80	.76	.91	.84	.79	.74	.83	.79	.75	.82	.78	.75	.80	.77	.74	.73
7	.89	.81	.76	.72	.88	.80	.76	.71	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70
8	.86	.78	.72	.69	.85	.77	.72	.68	.76	.72	.68	.75	.71	.68	.74	.71	.68	.67
9	.82	.74	.69	.66	.81	.74	.69	.65	.73	.69	.65	.72	.68	.65	.71	.68	.65	.64
10	.79	.71	.66	.63	.79	.71	.66	.62	.70	.66	.63	.69	.65	.63	.69	.65	.62	.61

Candela Table - Type C													
	0	30	60	90	120	150	180	210	240	270	300	330	360
0	2493	2493	2493	2493	2493	2493	2493	2493	2493	2493	2493	2493	2493
10	2337	2316	2300	2269	2239	2238	2249	2271	2323	2343	2331	2347	2337
20	1388	1301	1226	1180	1156	1177	1218	1278	1370	1414	1414	1429	1388
30	299	275	253	233	224	241	258	278	303	312	308	315	299
40	67	65	62	60	57	60	62	66	69	70	68	69	67
50	24	23	22	22	22	22	22	24	25	25	25	24	24
60	9	9	9	8	8	8	8	9	9	9	9	9	9
70	3	3	3	3	3	3	3	3	3	3	3	3	3
80	1	1	1	1	1	1	1	1	1	1	1	1	1
90	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] Luna 3A V10 358mA 31.09V
[TESTLAB] Zaniboni Light
[ISSUE DATE] 3/4/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D2-LUN3A-1330C-3S-WS-Z-0
[LUMINAIRE] D2-LUN3A-1330C-3S-WS-Z-0
[LAMP] WHITE 3K 90 CRI 36 DEG SLOITE FILM

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 10, HORIZONTAL ANGLES: 13
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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