

**Filename: D2-LUN3A-1330C-8S-Z-WS-0**

Manufacturer: Zaniboni Lighting

Luminaire: D2-LUN3A-1330C-8S-WS-Z-0

Luminaire Cat: D2-LUN3A-1330C-8S-WS-Z-0

Lamp: WHITE 3K 90 CRI 80 DEG SOLITE

Lamp Output: Total luminaire Lumens: 1208.7

Max Candela: 713.4 at Horizontal: 270°, Vertical: 10°

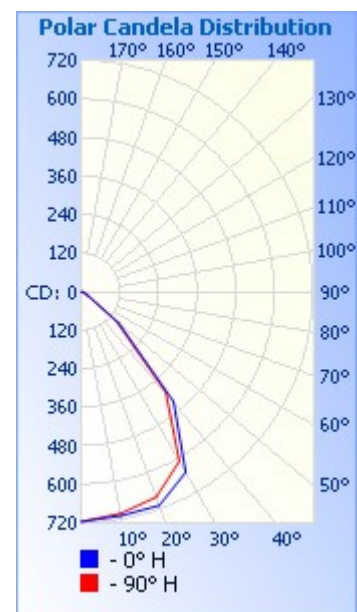
Luminous Opening: Circular (Dia: 1.57")

Test: Luna 3A V10 358mA 31.09V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 6 X 6

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.3
Max Cd, 80 to <90 Deg:	4.0
Lumens % Lamp	
Downward Street Side:	616.9 51%
Downward House Side:	596.1 49.3%
Downward Total:	1,213.0 100.4%
Total Lumens:	1,213.0 100.4%

Flood Summary

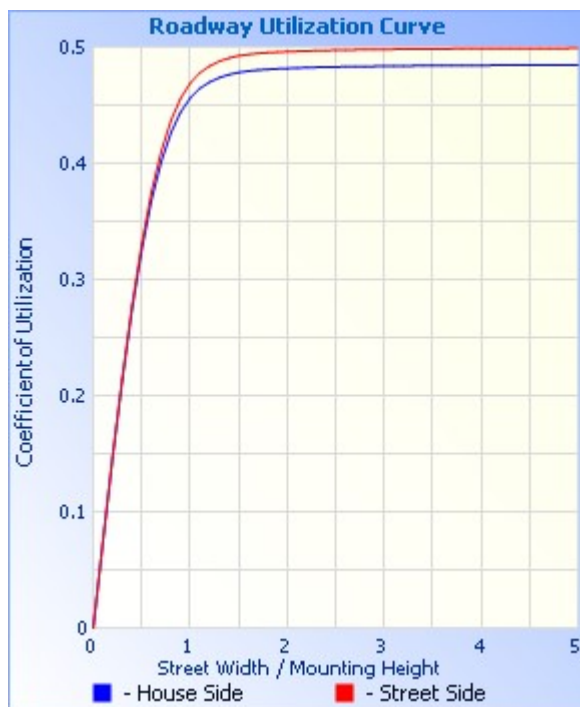
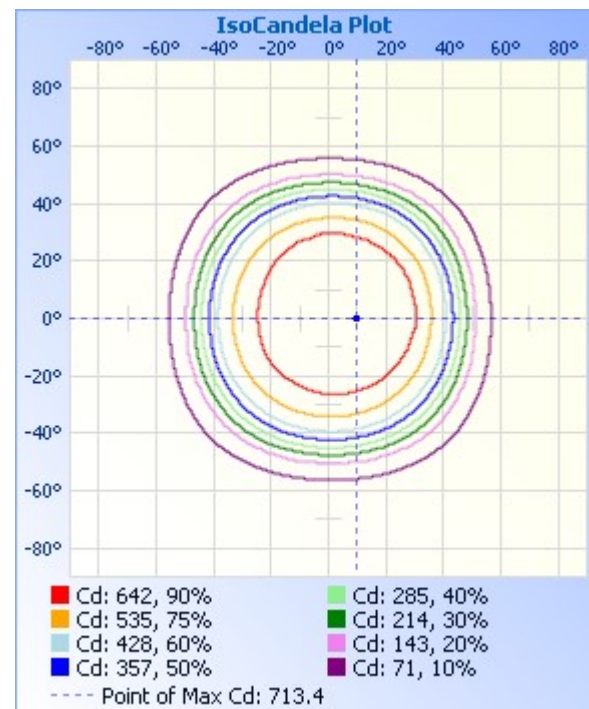
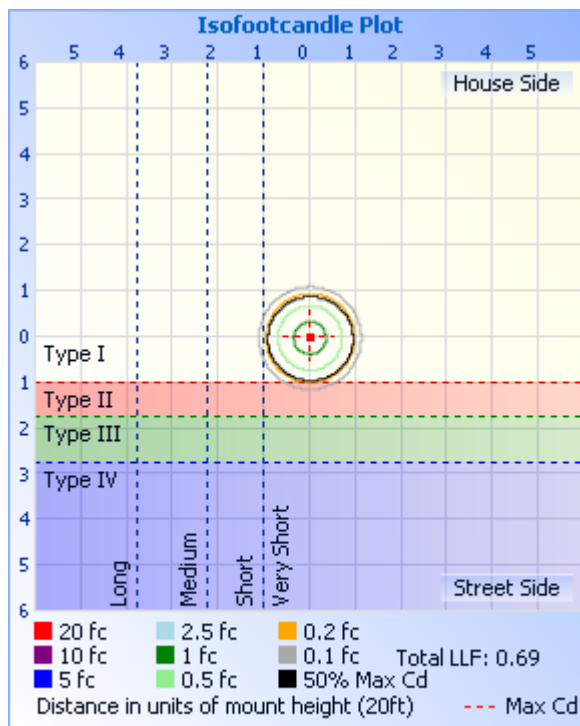
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	96.8%	1,169.8	112.2	111
Beam (50%):	79.9%	965.2	84.8	83.1
Total:	100.3%	1,212.5		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	568.3	47%
0-40	894.8	74%
0-60	1,184.8	98%
60-90	24.0	2%
0-90	1,208.7	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	67.3	5.6%
10-20	197.1	16.3%
20-30	303.9	25.1%
30-40	326.5	27.0%
40-50	215.9	17.9%
50-60	74.0	6.1%
60-70	15.4	1.3%
70-80	6.4	0.5%
80-90	2.2	0.2%



Illuminance at a Distance

	Center Beam fc	Beam Width	
5.0ft	28.5 fc	8.9 ft	9.1 ft
10.0ft	7.13 fc	17.7 ft	18.3 ft
15.0ft	3.17 fc	26.6 ft	27.4 ft
20.0ft	1.78 fc	35.5 ft	36.5 ft
25.0ft	1.14 fc	44.3 ft	45.7 ft
30.0ft	0.79 fc	53.2 ft	54.8 ft

Vert. Spread: 83.1°
Horiz. Spread: 84.8°

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	1.12	1.09	1.06	1.03	1.10	1.07	1.04	.92	1.03	1.01	.99	.99	.97	.96	.95	.94	.93	.93	.93	.93	.91
2	1.05	.99	.95	.90	1.03	.98	.93	.83	.94	.91	.87	.91	.88	.86	.88	.86	.84	.84	.84	.84	.82
3	.98	.91	.85	.80	.96	.89	.84	.75	.86	.82	.78	.84	.80	.77	.82	.78	.75	.75	.75	.75	.74

4	.92	.83	.76	.71	.90	.82	.75	.68	.79	.74	.70	.77	.73	.69	.75	.71	.68	.66
5	.86	.76	.69	.64	.84	.75	.68	.61	.73	.67	.63	.71	.66	.62	.70	.65	.62	.60
6	.81	.70	.63	.57	.79	.69	.62	.56	.67	.61	.57	.66	.60	.56	.64	.60	.56	.54
7	.75	.64	.57	.52	.74	.64	.57	.51	.62	.56	.52	.61	.55	.51	.60	.55	.51	.49
8	.71	.60	.52	.47	.69	.59	.52	.47	.58	.52	.47	.57	.51	.47	.55	.50	.47	.45
9	.67	.55	.48	.43	.65	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
10	.63	.51	.45	.40	.62	.51	.44	.39	.50	.44	.40	.49	.44	.40	.48	.43	.40	.38

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	713	713	713	713	713	713	713	713	713	713	713	713	713
10	705	702	700	698	700	699	692	701	704	713	709	706	705
20	705	692	680	677	676	676	685	686	689	705	709	702	705
30	646	634	616	606	608	608	615	622	630	646	656	654	646
40	444	430	415	407	400	402	403	410	422	442	454	458	444
50	151	146	143	140	136	136	142	145	149	153	155	153	151
60	23	23	23	23	22	22	23	24	24	23	23	22	23
70	8	8	8	8	8	8	8	9	9	9	9	9	8
80	4	4	4	4	4	4	4	4	4	4	4	4	4
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
[ISSUEDATE] 3/3/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D2-LUN3A-1330C-8S-WS-Z-0
[LUMINAIRE] D2-LUN3A-1330C-8S-WS-Z-0
[LAMP] WHITE 3K 90 CRI 80 DEG SOLITE

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