

**Filename: D1-LUNA1-0730C-5S-WS-Z-0**

Manufacturer: Zaniboni Lighting

Luminaire: D1-LUNA1-0730C-5S-WS-Z-0

Luminaire Cat: D1-LUNA1-0730C-5S-WS-Z-0

Lamp: WHITE 3K 90 CRI 50 DEGREE SOLITE FILM

Lamp Output: Total luminaire Lumens: 621.7

Max Candela: 889.9 at Horizontal: 0°, Vertical: 0°

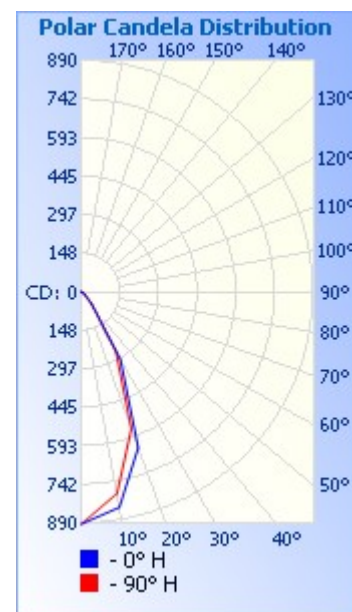
Luminous Opening: Circular (Dia: 1.18")

Test: LUNA 1 V6 357mA 17.8V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 5 X 5

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.2
Max Cd, 80 to <90 Deg:	0.9
	Lumens % Lamp
Downward Street Side:	322.5 51.9%
Downward House Side:	305.6 49.2%
Downward Total:	628.1 101%
Total Lumens:	628.1 101%

Flood Summary

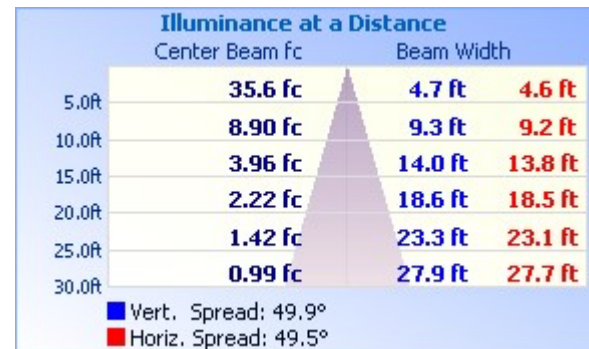
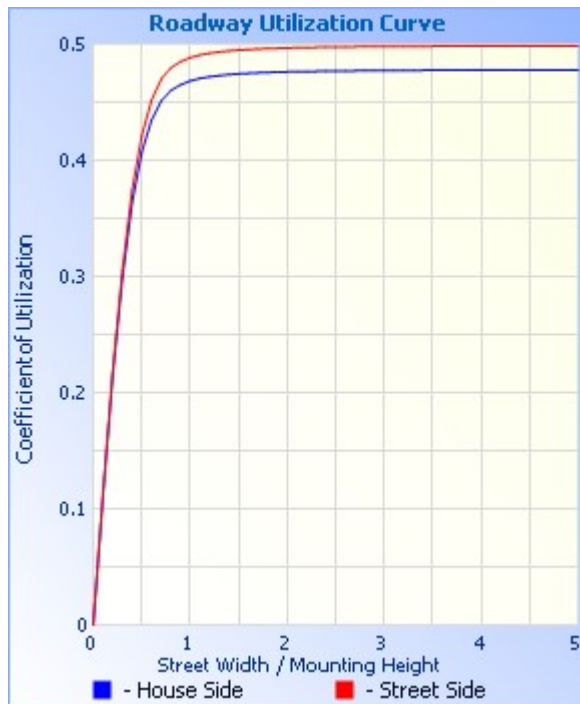
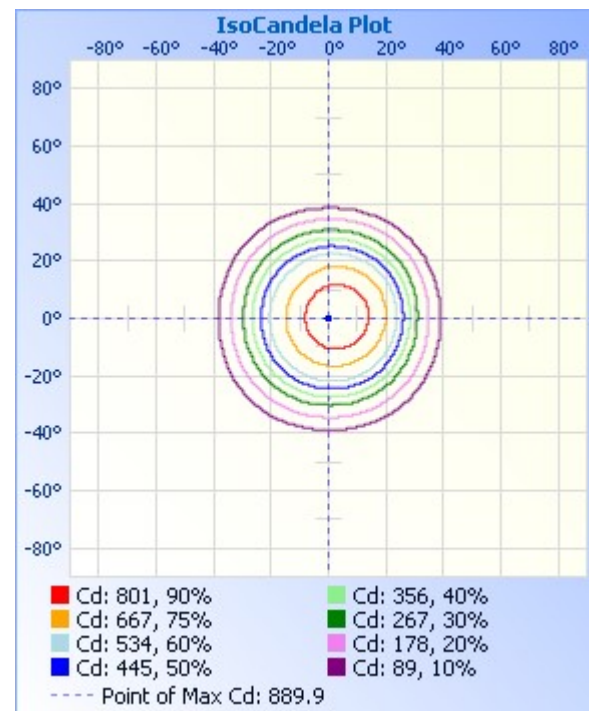
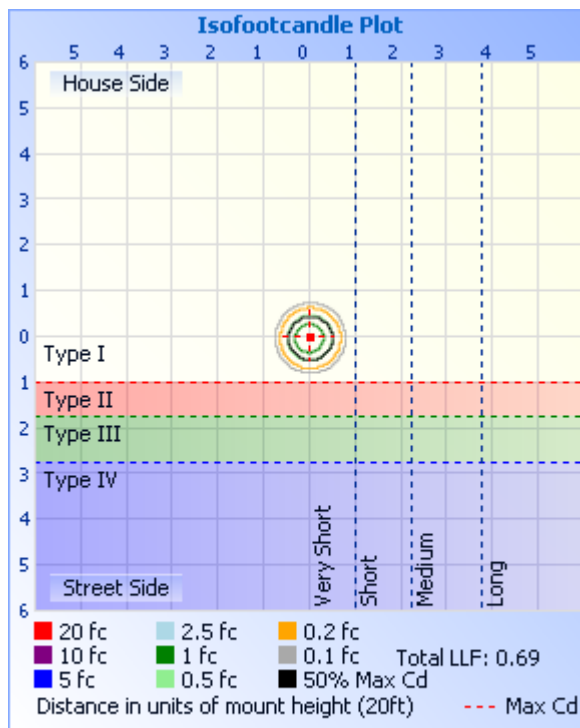
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	92.2%	573.2	77.2	77.2
Beam (50%):	61.5%	382.1	49.5	49.9
Total:	101%	627.7		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	475.1	76.4%
0-40	575.9	92.6%
0-60	614.7	98.9%
60-90	7.0	1.1%
0-90	621.7	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	80.4	12.9%
10-20	198.0	31.8%
20-30	196.7	31.6%
30-40	100.8	16.2%
40-50	28.6	4.6%
50-60	10.2	1.6%
60-70	4.6	0.7%
70-80	1.8	0.3%
80-90	0.6	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	1.11	1.08	1.06	1.11	1.09	1.07	.94	1.05	1.03	1.01	1.01	1.00	.98	.98	.97	.96	.96	.96	.96	.94
2	1.08	1.03	1.00	.96	1.06	1.02	.98	.88	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88	.88	.88	.88
3	1.03	.97	.92	.88	1.01	.95	.91	.83	.93	.89	.86	.90	.87	.85	.88	.86	.83	.82	.82	.82	.82

4	.98	.91	.85	.81	.96	.90	.85	.78	.88	.83	.80	.86	.82	.79	.84	.81	.78	.77
5	.93	.85	.80	.76	.92	.84	.79	.73	.83	.78	.75	.81	.77	.74	.80	.76	.73	.72
6	.89	.81	.75	.71	.88	.80	.74	.69	.78	.73	.70	.77	.73	.69	.76	.72	.69	.68
7	.85	.76	.70	.66	.84	.75	.70	.65	.74	.69	.66	.73	.69	.65	.72	.68	.65	.64
8	.81	.72	.66	.62	.80	.71	.66	.61	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
9	.78	.68	.63	.59	.76	.68	.62	.58	.67	.62	.59	.66	.62	.58	.65	.61	.58	.57
10	.74	.65	.59	.56	.73	.65	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.54

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	890	890	890	890	890	890	890	890	890	890	890	890	890
10	839	811	792	785	786	792	807	827	858	881	881	863	839
20	636	587	568	559	557	559	580	596	627	664	681	658	636
30	299	287	276	264	257	257	260	263	263	277	294	300	299
40	61	62	61	61	61	60	55	57	57	58	61	62	61
50	17	17	16	16	16	16	16	16	16	17	17	17	17
60	7	7	7	7	6	6	6	7	7	7	7	7	7
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 1 V6 357mA 17.8V
[TESTLAB] Zaniboni Light
[ISSUE DATE] 3/25/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D1-LUNA1-0730C-5S-WS-Z-0
[LUMINAIRE] D1-LUNA1-0730C-5S-WS-Z-0
[LAMP] WHITE 3K 90 CRI 50 DEGREE SOLITE 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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