

**Filename: D1-LUNA1-0730C-2S-WS-Z-0**

Manufacturer: Zaniboni Lighting

Luminaire: D1-LUNA1-0730C-2S-WS-Z-0

Luminaire Cat: D1-LUNA1-0730C-2S-WS-Z-0

Lamp: WHITE 3K 90 CRI 24 DEGREE SOLITE FILM

Lamp Output: Total luminaire Lumens: 656.3

Max Candela: 3,139.3 at Horizontal: 0°, Vertical: 0°

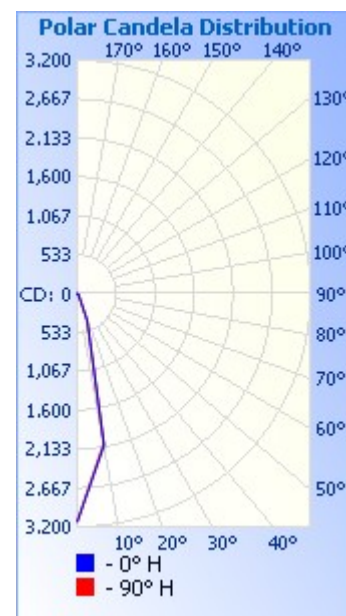
Luminous Opening: Circular (Dia: 1.18")

Test: LUNA 1 V6 357mA 17.8V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 3 X 3

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.3
Max Cd, 80 to <90 Deg:	0.9
Lumens % Lamp	
Downward Street Side:	347.8 53%
Downward House Side:	333.2 50.8%
Downward Total:	681.0 103.8%
Total Lumens:	681.0 103.8%

Zonal Lumen Summary

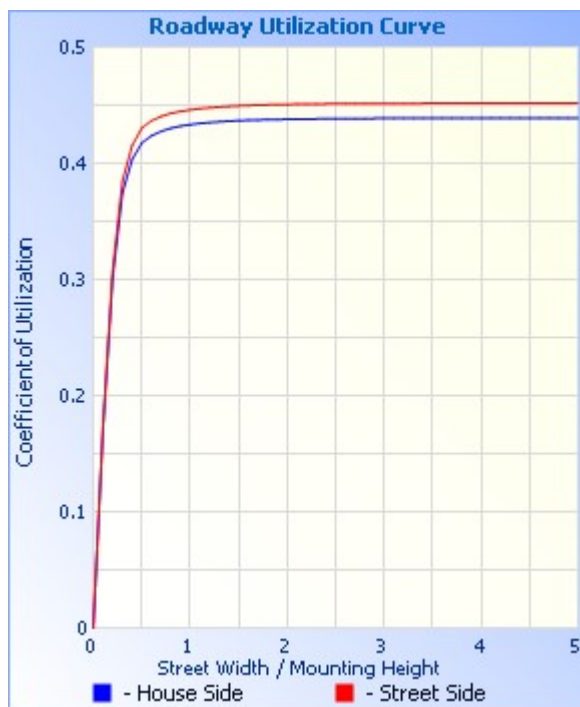
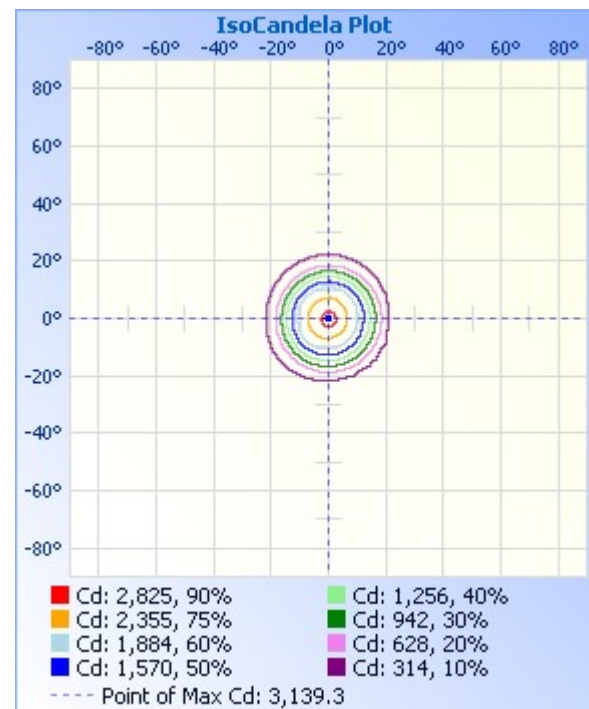
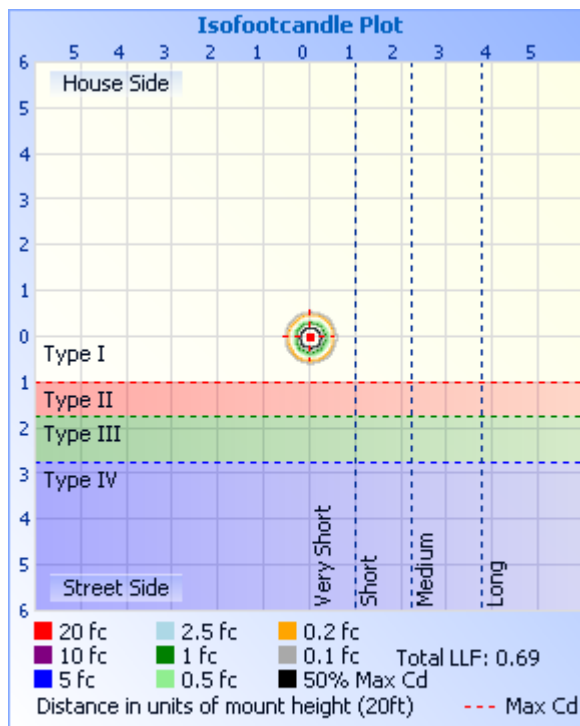
Zone	Lumens	% Luminaire
0-30	607.4	92.5%
0-40	631.1	96.2%
0-60	650.4	99.1%
60-90	6.0	0.9%
0-90	656.3	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	85.4%	560.3	42.6	43.9
Beam (50%):	49.9%	327.4	25	25.5
Total:	103.6%	679.9		

Lumens Per Zone

Zone	Lumens	% Total
0-10	218.2	33.2%
10-20	297.8	45.4%
20-30	91.4	13.9%
30-40	23.8	3.6%
40-50	12.0	1.8%
50-60	7.2	1.1%
60-70	3.9	0.6%
70-80	1.6	0.2%
80-90	0.5	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	1.15	1.13	1.11	1.09	1.12	1.10	1.09	.96	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.98	.98	.98	.96
2	1.11	1.07	1.04	1.01	1.09	1.05	1.02	.93	1.02	1.00	.98	.99	.97	.96	.97	.95	.94	.94	.94	.94	.92
3	1.07	1.02	.98	.95	1.05	1.01	.97	.90	.98	.95	.93	.96	.94	.92	.94	.92	.90	.90	.90	.90	.89

4	1.04	.98	.94	.91	1.02	.97	.93	.87	.95	.92	.89	.93	.90	.88	.91	.89	.87	.86
5	1.00	.94	.90	.87	.99	.93	.89	.84	.92	.88	.86	.90	.87	.85	.89	.86	.84	.83
6	.97	.91	.86	.83	.96	.90	.86	.81	.89	.85	.82	.87	.84	.82	.86	.84	.81	.80
7	.94	.88	.83	.80	.93	.87	.83	.79	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
8	.92	.85	.81	.78	.91	.84	.80	.77	.83	.80	.77	.83	.79	.77	.82	.79	.77	.76
9	.89	.82	.78	.75	.88	.82	.78	.74	.81	.77	.75	.80	.77	.75	.80	.77	.74	.74
10	.87	.80	.76	.73	.86	.80	.76	.72	.79	.75	.73	.78	.75	.73	.78	.75	.72	.72

Candela Table - Type C													
	0	30	60	90	120	150	180	210	240	270	300	330	360
0	3139	3139	3139	3139	3139	3139	3139	3139	3139	3139	3139	3139	3139
10	2121	2115	2110	2093	2078	2021	1932	1861	1839	1866	1946	2019	2121
20	405	402	393	383	390	375	350	327	320	328	353	378	405
30	58	57	59	59	59	60	57	53	54	55	56	57	58
40	21	21	21	21	22	22	21	20	20	20	20	21	21
50	11	11	11	11	11	11	10	10	10	10	10	11	11
60	6	6	6	6	6	6	6	5	5	5	5	6	6
70	2	2	2	2	2	2	2	2	2	2	2	2	2
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
[ISSUEDATE] 3/25/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D1-LUNA1-0730C-2S-WS-Z-0
[LUMINAIRE] D1-LUNA1-0730C-2S-WS-Z-0
[LAMP] WHITE 3K 90 CRI 24 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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Reported data calculated from manufacturer's data file, based on IES recommended methods.