

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

Manufacturer: Zaniboni Lighting

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

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

Lamp: WHITE 3K 90 CRI 50 DEGREE FROSTED FILM

Lamp Output: Total luminaire Lumens: 587.4

Max Candela: 389.6 at Horizontal: 0°, Vertical: 0°

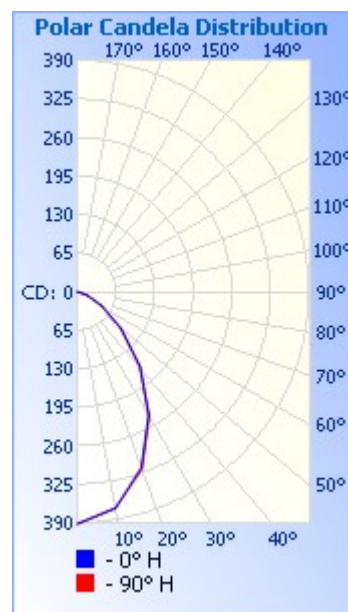
Luminous Opening: Circular (Dia: 1.18")

Test: LUNA 1 V6 357mA 17.8V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 6 X 6

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.3
Max Cd, 80 to <90 Deg:	1.7
	Lumens % Lamp
Downward Street Side:	291.9 49.7%
Downward House Side:	297.9 50.7%
Downward Total:	589.8 100.4%
Total Lumens:	589.8 100.4%

Flood Summary

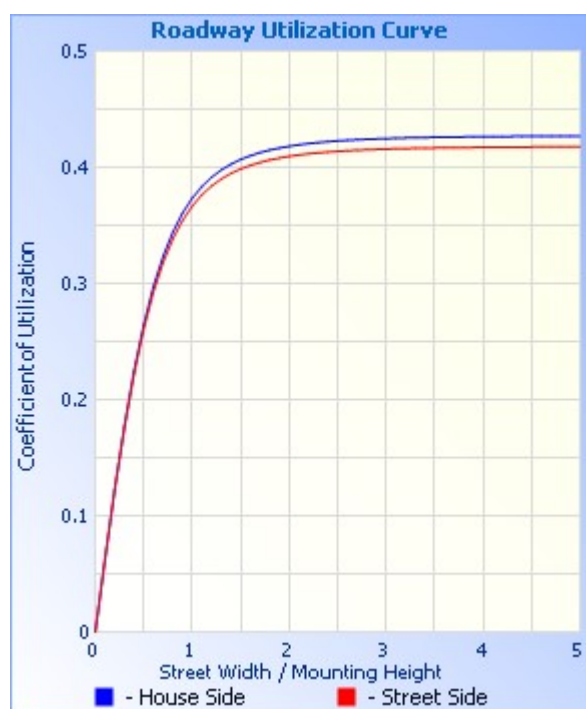
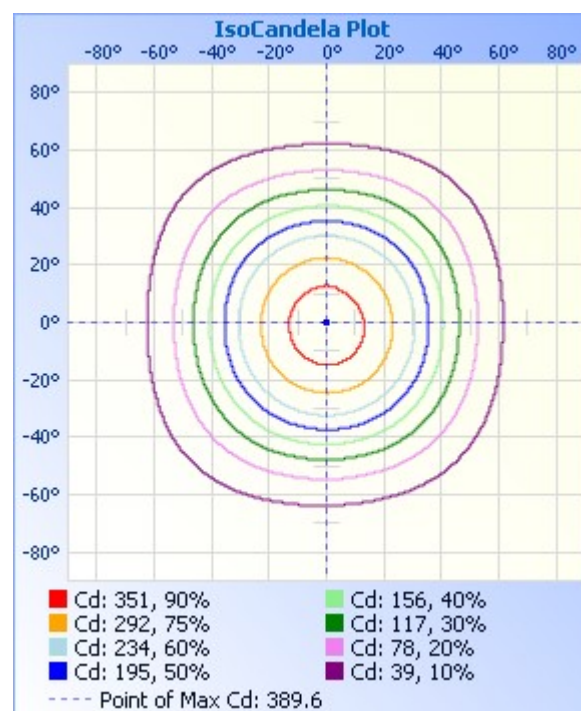
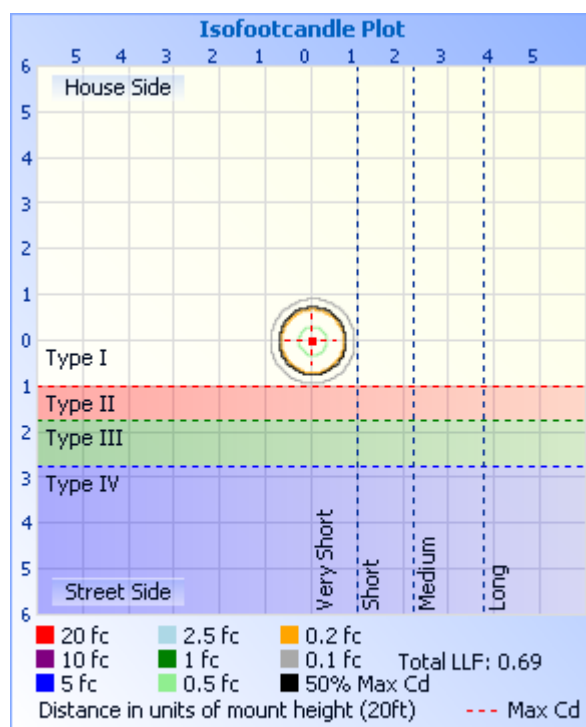
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	94.9%	557.5	124	126
Beam (50%):	57.2%	335.8	71.1	72.8
Total:	100.4%	589.6		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	258.6	44%
0-40	384.1	65.4%
0-60	545.2	92.8%
60-90	42.2	7.2%
0-90	587.4	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	35.7	6.1%
10-20	95.7	16.3%
20-30	127.2	21.7%
30-40	125.4	21.4%
40-50	98.7	16.8%
50-60	62.5	10.6%
60-70	31.4	5.3%
70-80	9.9	1.7%
80-90	0.9	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	1.12	1.08	1.05	1.02	1.09	1.06	1.03	.90	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.91	.91	.91	.90
2	1.04	.97	.92	.88	1.01	.96	.91	.80	.92	.88	.85	.89	.86	.83	.86	.83	.81	.81	.81	.81	.79
3	.96	.88	.81	.76	.94	.87	.80	.71	.84	.79	.74	.81	.77	.73	.79	.75	.72	.72	.72	.72	.70

4	.90	.80	.73	.67	.88	.79	.72	.64	.76	.71	.66	.74	.69	.65	.72	.68	.64	.62
5	.84	.73	.65	.60	.82	.72	.65	.58	.70	.64	.59	.68	.63	.58	.66	.62	.58	.56
6	.78	.67	.59	.54	.76	.66	.59	.52	.64	.58	.53	.63	.57	.53	.61	.56	.52	.50
7	.73	.61	.54	.49	.72	.61	.54	.47	.59	.53	.48	.58	.52	.48	.57	.52	.48	.46
8	.69	.57	.49	.44	.67	.56	.49	.43	.55	.49	.44	.54	.48	.44	.53	.47	.44	.42
9	.65	.53	.46	.41	.63	.52	.45	.40	.51	.45	.40	.50	.44	.40	.49	.44	.40	.38
10	.61	.49	.42	.37	.60	.49	.42	.37	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	390	390	390	390	390	390	390	390	390	390	390	390	390
10	369	367	368	369	370	372	372	371	369	365	363	362	369
20	314	313	314	316	319	322	324	322	317	312	309	308	314
30	239	238	240	241	243	247	250	246	240	236	235	235	239
40	163	162	164	163	165	169	171	166	160	157	159	161	163
50	95	95	96	95	96	99	100	95	90	88	91	94	95
60	47	47	48	47	48	50	49	46	43	42	44	46	47
70	17	18	18	18	19	19	19	17	16	15	16	17	17
80	1	2	2	2	2	2	2	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] 3/26/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D1-LUNA1-0730C-5F-WS-Z-0
[LUMINAIRE] D1-LUNA1-0730C-5F-WS-Z-0
[LAMP] WHITE 3K 90 CRI 50 DEGREE FROSTED 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.