

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

Manufacturer: Zaniboni Lighting

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

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

Lamp: WHITE 3K 90 CRI 24 DEGREE FROSTED FILM

Lamp Output: Total luminaire Lumens: 613.5

Max Candela: 649.2 at Horizontal: 0°, Vertical: 0°

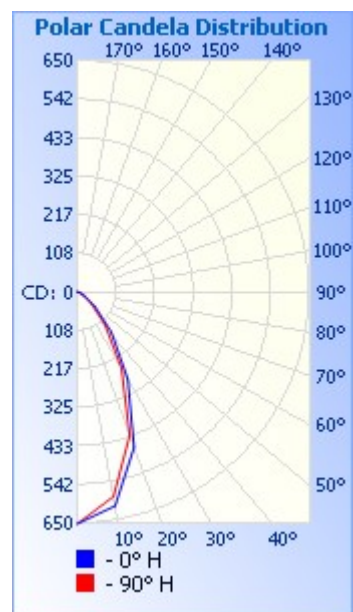
Luminous Opening: Circular (Dia: 1.18")

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:	1.4
	Lumens % Lamp
Downward Street Side:	313.4 51.1%
Downward House Side:	304.6 49.7%
Downward Total:	618.0 100.7%
Total Lumens:	618.0 100.7%

Flood Summary

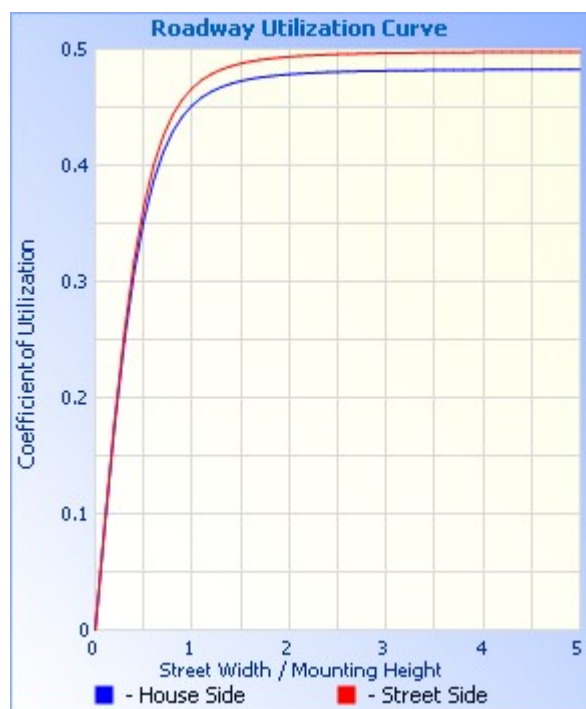
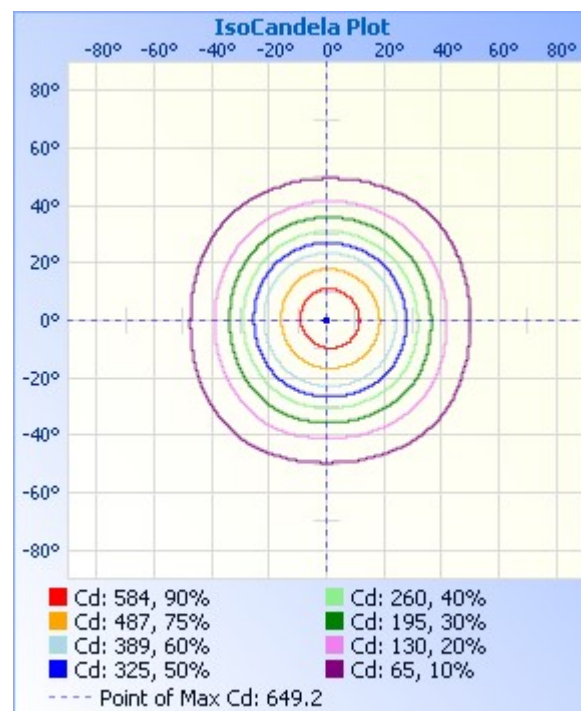
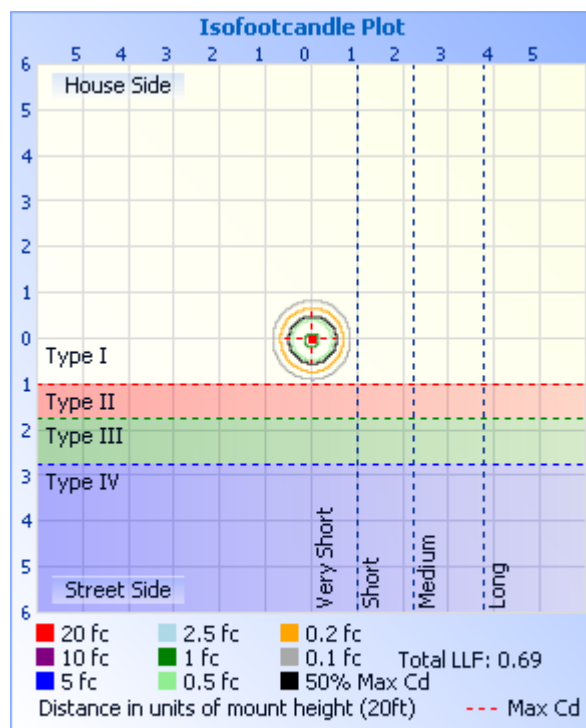
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	91.3%	560.0	97.3	99.1
Beam (50%):	51.1%	313.2	53.1	53.8
Total:	100.7%	617.6		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	362.0	59%
0-40	485.7	79.2%
0-60	594.6	96.9%
60-90	18.9	3.1%
0-90	613.5	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	57.8	9.4%
10-20	143.5	23.4%
20-30	160.7	26.2%
30-40	123.7	20.2%
40-50	73.7	12.0%
50-60	35.2	5.7%
60-70	13.9	2.3%
70-80	4.3	0.7%
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	1.13	1.10	1.07	1.04	1.10	1.07	1.05	.92	1.03	1.01	.99	1.00	.98	.96	.96	.95	.94	.94	.94	.94	.92
2	1.06	1.01	.96	.92	1.04	.99	.95	.84	.96	.92	.89	.93	.90	.87	.90	.87	.85	.85	.85	.85	.84
3	1.00	.93	.87	.83	.98	.91	.86	.77	.89	.84	.80	.86	.82	.79	.84	.81	.78	.78	.78	.78	.76

4	.94	.86	.79	.75	.92	.84	.79	.71	.82	.77	.73	.80	.76	.72	.78	.74	.71	.70
5	.89	.79	.73	.68	.87	.78	.72	.65	.76	.71	.67	.75	.70	.66	.73	.69	.66	.64
6	.84	.74	.67	.62	.82	.73	.67	.61	.71	.66	.62	.70	.65	.61	.68	.64	.61	.59
7	.79	.69	.62	.57	.78	.68	.62	.56	.67	.61	.57	.65	.60	.57	.64	.60	.56	.55
8	.75	.64	.58	.53	.74	.64	.57	.52	.63	.57	.53	.62	.56	.53	.61	.56	.52	.51
9	.71	.60	.54	.50	.70	.60	.54	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.47
10	.67	.57	.51	.46	.66	.56	.50	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	649	649	649	649	649	649	649	649	649	649	649	649	649
10	608	599	590	582	576	576	579	585	594	601	604	604	608
20	463	454	440	427	421	426	430	440	454	460	460	460	463
30	281	273	257	247	247	259	260	266	279	278	275	277	281
40	147	136	124	120	124	136	134	136	144	142	141	144	147
50	64	57	51	49	53	59	59	59	62	61	62	63	64
60	23	21	19	19	20	22	22	22	22	22	22	22	23
70	7	7	7	7	7	7	7	7	7	7	7	7	7
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] 3/26/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D1-LUNA1-0730C-2F-WS-Z-0
[LUMINAIRE] D1-LUNA1-0730C-2F-WS-Z-0
[LAMP] WHITE 3K 90 CRI 24 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.