

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

Manufacturer: Zaniboni Lighting

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

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

Lamp: WHITE 3K 90 CRI 80 DEG FROSTED FILM

Lamp Output: Total luminaire Lumens: 1122

Max Candela: 626.4 at Horizontal: 0°, Vertical: 0°

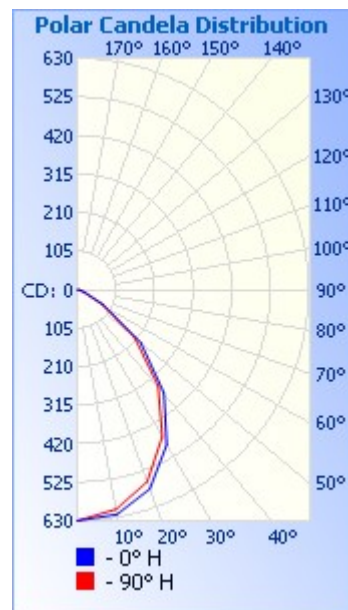
Luminous Opening: Circular (Dia: 1.57")

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:	0.5
Max Cd, 80 to <90 Deg:	7.7
Lumens % Lamp	
Downward Street Side:	574.2 51.2%
Downward House Side:	551.5 49.1%
Downward Total:	1,125.6 100.3%
Total Lumens:	1,125.6 100.3%

Flood Summary

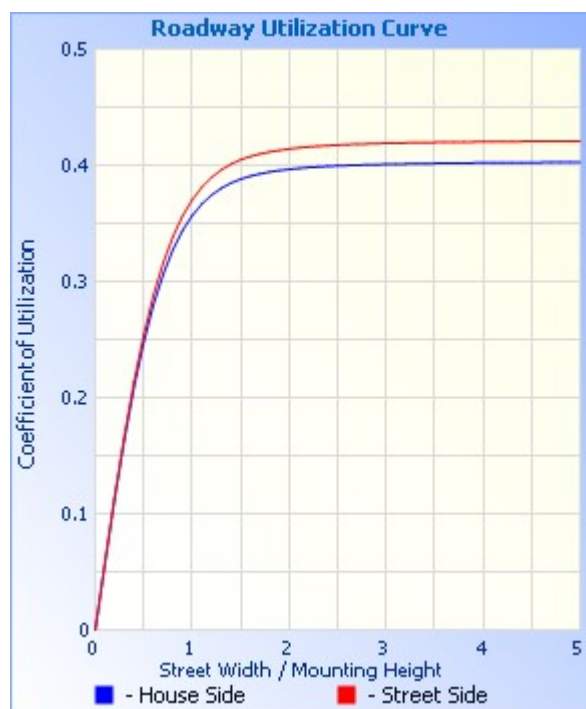
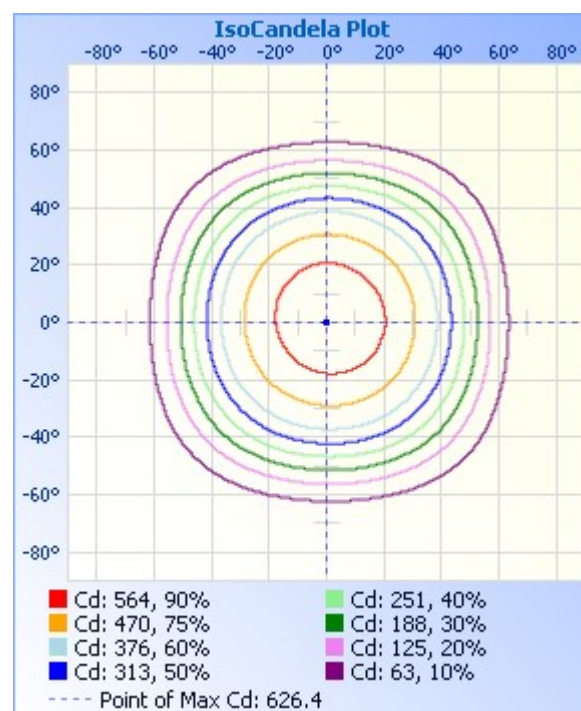
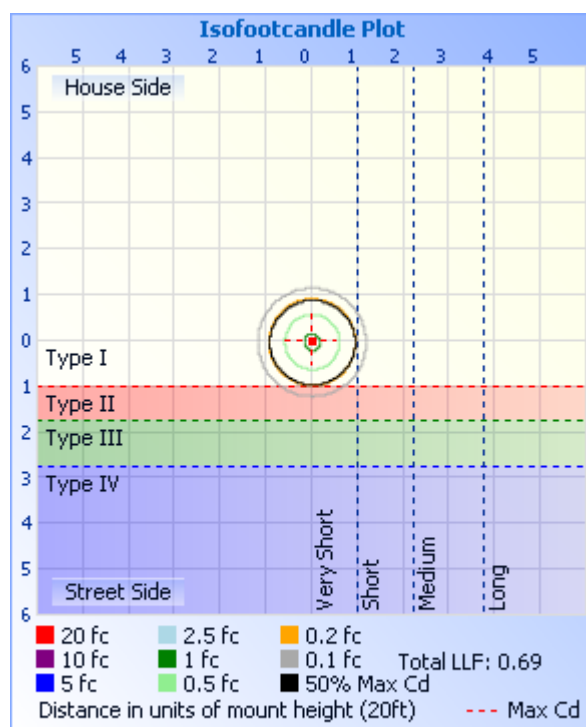
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	95.8%	1,074.9	125	125
Beam (50%):	69.2%	776.9	85	85.4
Total:	100.3%	1,125.2		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	458.9	40.9%
0-40	713.2	63.6%
0-60	1,055.4	94.1%
60-90	66.5	5.9%
0-90	1,122.0	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	58.5	5.2%
10-20	164.5	14.7%
20-30	236.0	21.0%
30-40	254.2	22.7%
40-50	214.7	19.1%
50-60	127.5	11.4%
60-70	47.7	4.3%
70-80	14.7	1.3%
80-90	4.1	0.4%



Illuminance at a Distance

	Center Beam fc	Beam Width	
5.0ft	25.1 fc	9.2 ft	9.2 ft
10.0ft	6.26 fc	18.5 ft	18.3 ft
15.0ft	2.78 fc	27.7 ft	27.5 ft
20.0ft	1.57 fc	36.9 ft	36.6 ft
25.0ft	1.00 fc	46.2 ft	45.8 ft
30.0ft	0.70 fc	55.4 ft	55.0 ft

■ Vert. Spread: 85.4°
 ■ Horiz. Spread: 85.0°

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	0	0	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	1.00	1.00	1.00
1	1.11	1.08	1.05	1.02	1.09	1.06	1.03	.90	1.02	.99	.97	.98	.96	.94	.94	.93	.91	.89	.89	.89	.89	.89	.89	.89
2	1.04	.97	.92	.87	1.01	.95	.90	.80	.92	.88	.84	.89	.85	.82	.86	.83	.81	.79	.79	.79	.79	.79	.79	.79
3	.96	.88	.81	.76	.94	.86	.80	.71	.83	.78	.74	.81	.76	.73	.78	.75	.72	.70	.70	.70	.70	.70	.70	.70

4	.89	.79	.72	.67	.87	.78	.71	.63	.76	.70	.65	.74	.69	.64	.72	.67	.64	.62
5	.83	.72	.65	.59	.81	.71	.64	.57	.69	.63	.58	.67	.62	.57	.66	.61	.57	.55
6	.77	.66	.58	.53	.76	.65	.58	.51	.63	.57	.52	.62	.56	.52	.60	.55	.51	.49
7	.72	.60	.53	.47	.71	.60	.52	.46	.58	.52	.47	.57	.51	.47	.56	.50	.46	.45
8	.68	.56	.48	.43	.66	.55	.48	.42	.54	.47	.43	.53	.47	.42	.52	.46	.42	.40
9	.64	.52	.44	.39	.62	.51	.44	.38	.50	.43	.39	.49	.43	.39	.48	.43	.39	.37
10	.60	.48	.41	.36	.59	.47	.40	.35	.46	.40	.36	.46	.40	.36	.45	.39	.35	.34

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	626	626	626	626	626	626	626	626	626	626	626	626	626
10	619	614	609	605	601	601	602	605	608	611	612	612	619
20	574	568	562	554	548	547	550	554	560	565	569	569	574
30	484	478	470	460	454	453	456	462	468	475	479	480	484
40	365	358	350	340	335	334	337	342	348	354	360	361	365
50	224	219	211	203	200	199	202	207	213	219	223	223	224
60	82	79	76	73	71	71	72	74	77	81	81	82	82
70	22	21	20	19	19	19	19	20	21	22	22	23	22
80	8	8	7	7	7	7	7	7	7	7	7	8	8
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
[ISSUE DATE] 3/3/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D2-LUN3A-1330C-8F-Z-WS-0
[LUMINAIRE] D2-LUN3A-1330C-8F-Z-WS-0
[LAMP] WHITE 3K 90 CRI 80 DEG 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.