

**Filename: D2-LUN3A-1330C-3F-WS-Z-0**

Manufacturer: Zaniboni Lighting

Luminaire: D2-LUN3A-1330C-3F-WS-Z-0

Luminaire Cat: D2-LUN3A-1330C-3F-WS-Z-0

Lamp: WHITE 3K 90 CRI 36 DEG FROSTED FILM

Lamp Output: Total luminaire Lumens: 1161.9

Max Candela: 1,545.0 at Horizontal: 0°, Vertical: 0°

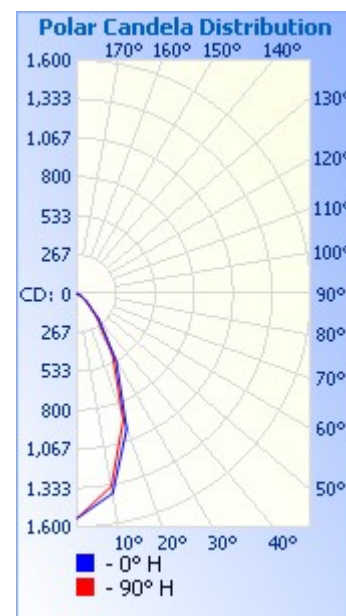
Luminous Opening: Circular (Dia: 1.57")

Test: Luna 3A V10 358mA 31.09V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 5 X 5

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.3
Max Cd, 80 to <90 Deg:	1.8
Lumens % Lamp	
Downward Street Side:	603.8 52%
Downward House Side:	569.2 49%
Downward Total:	1,173.0 101%
Total Lumens:	1,173.0 101%

Zonal Lumen Summary

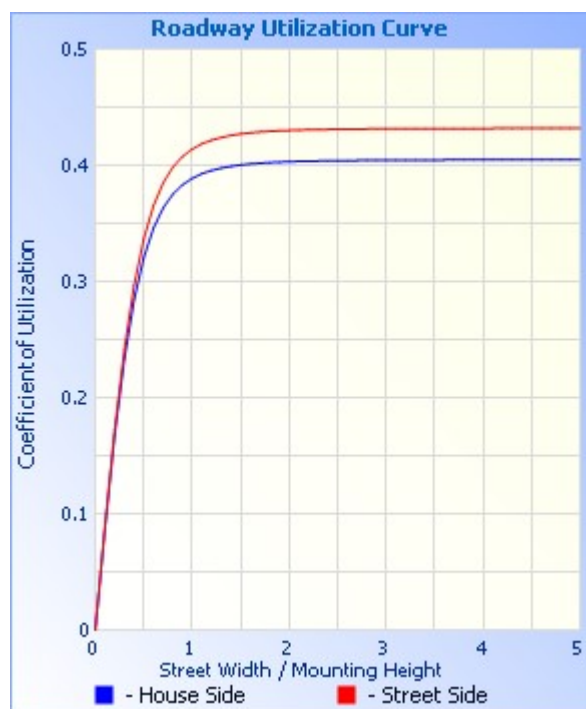
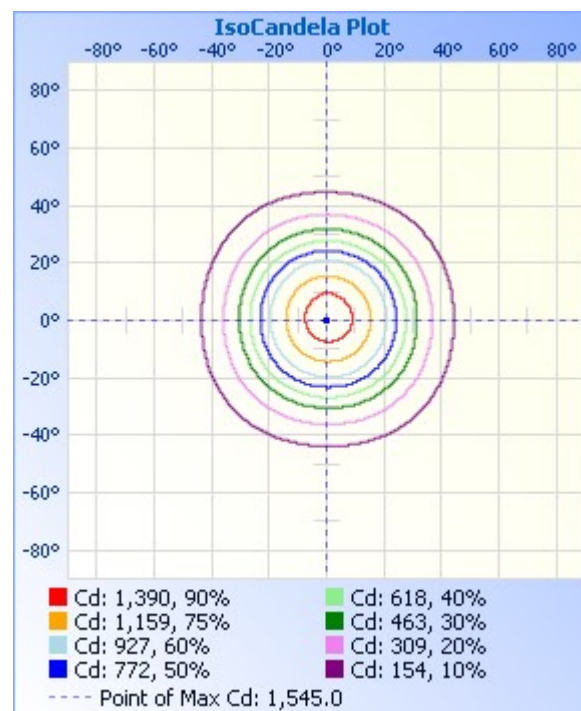
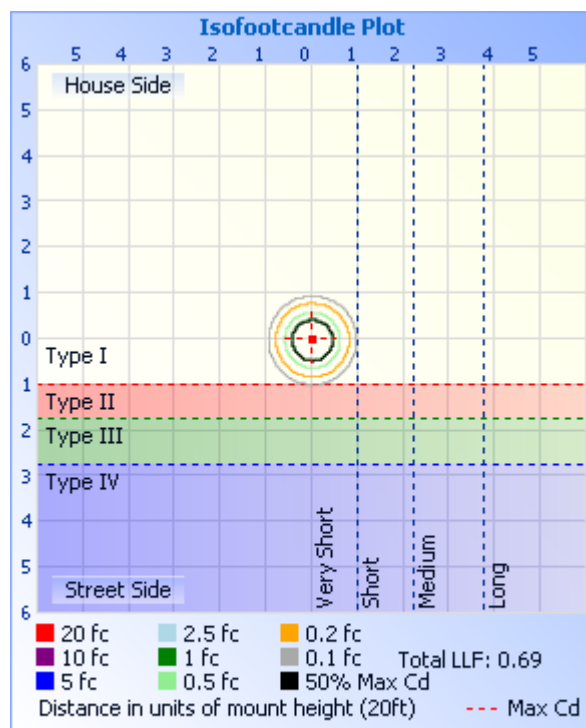
Zone	Lumens	% Luminaire
0-30	772.4	66.5%
0-40	987.5	85%
0-60	1,142.0	98.3%
60-90	20.0	1.7%
0-90	1,161.9	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	90.4%	1,050.9	87.9	88.5
Beam (50%):	50.1%	582.6	47.4	47.7
Total:	100.9%	1,172.2		

Lumens Per Zone

Zone	Lumens	% Total
0-10	134.1	11.5%
10-20	316.1	27.2%
20-30	322.2	27.7%
30-40	215.0	18.5%
40-50	108.6	9.4%
50-60	45.8	3.9%
60-70	15.3	1.3%
70-80	3.6	0.3%
80-90	1.0	0.1%



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>50</u>	<u>30</u>	<u>0</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>0</u>			
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	1.00			
1	1.13	1.10	1.08	1.05	1.11	1.08	1.06	.93	1.04	1.02	1.00	1.00	.99	.97	.97	.96	.95	.93			
2	1.07	1.02	.98	.94	1.05	1.00	.96	.86	.97	.94	.91	.94	.91	.89	.91	.89	.87	.86			
3	1.01	.95	.89	.85	.99	.93	.88	.80	.91	.87	.83	.88	.85	.82	.86	.83	.81	.79			

4	.96	.88	.82	.78	.94	.87	.82	.74	.85	.80	.76	.83	.79	.76	.81	.77	.75	.73
5	.91	.82	.76	.72	.89	.81	.76	.69	.79	.74	.71	.78	.73	.70	.76	.72	.69	.68
6	.86	.77	.71	.66	.85	.76	.70	.64	.75	.69	.66	.73	.69	.65	.72	.68	.65	.63
7	.82	.72	.66	.62	.81	.72	.66	.60	.70	.65	.61	.69	.64	.61	.68	.64	.60	.59
8	.78	.68	.62	.58	.77	.67	.62	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55
9	.74	.64	.58	.54	.73	.64	.58	.53	.63	.57	.54	.62	.57	.54	.61	.57	.53	.52
10	.71	.61	.55	.51	.70	.60	.55	.50	.59	.54	.51	.59	.54	.50	.58	.53	.50	.49

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	1545	1545	1545	1545	1545	1545	1545	1545	1545	1545	1545	1545	1545
10	1396	1384	1366	1346	1331	1324	1327	1337	1353	1369	1382	1389	1396
20	992	978	950	925	904	895	897	910	930	950	968	981	992
30	536	526	502	485	471	463	462	471	485	497	508	522	536
40	230	226	213	205	201	197	194	199	203	207	211	219	230
50	85	84	79	76	76	74	73	75	75	76	77	80	85
60	28	28	27	26	26	26	25	25	25	25	25	26	28
70	5	5	5	6	6	5	5	5	5	5	5	5	5
80	2	2	2	2	2	2	2	2	2	2	2	2	2
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] 3/4/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D2-LUN3A-1330C-3F-WS-Z-0
[LUMINAIRE] D2-LUN3A-1330C-3F-WS-Z-0
[LAMP] WHITE 3K 90 CRI 36 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.