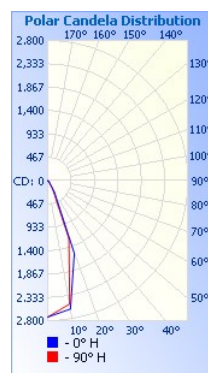


ZANIBONI® LIGHTING

Filename: D2-LUN3A-1330C-3C-Z-WS-0
Manufacturer: Zaniboni Lighting
Luminaire: D2-LUN3A-1330C-3C-Z-WS-0
Luminaire Cat: D2-LUN3A-1330C-3C-Z-WS-0
Lamp: WHITE 3K 90 CRI 36 DEG
Lamp Output: Total luminaire Lumens: 1278.9
Max Candela: 2,735.7 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: 4 X 4



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.3
Max Cd, 80 to <90 Deg:	1.0
Lumens % Lamp	
Downward Street Side:	668.3 52.3%
Downward House Side:	631.2 49.4%
Downward Total:	1,299.5 101.6%
Total Lumens:	1,299.5 101.6%

Flood Summary

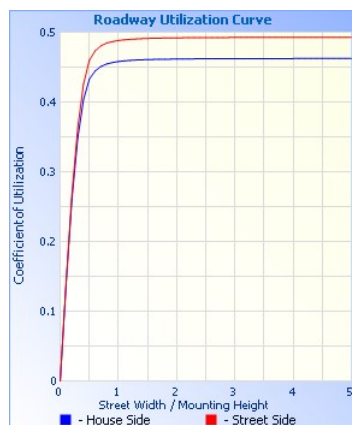
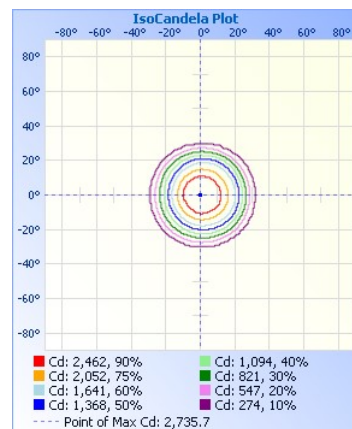
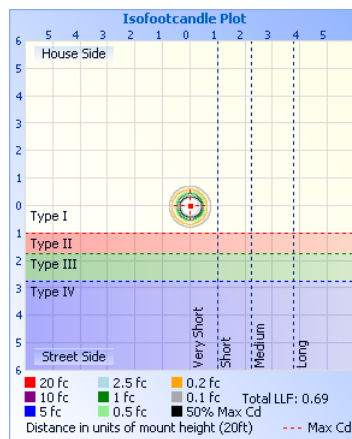
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	91.5%	1,170.2	60.8	59.4
Beam (50%):	64.1%	820.0	41	41.1
Total:	101.5%	1,298.3		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,148.4	89.8%
0-40	1,236.6	96.7%
0-60	1,272.1	99.5%
60-90	6.8	0.5%
0-90	1,278.9	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	248.5	19.4%
10-20	538.9	42.1%
20-30	361.0	28.2%
30-40	88.3	6.9%
40-50	25.2	2.0%
50-60	10.3	0.8%
60-70	4.4	0.3%
70-80	1.8	0.1%
80-90	0.6	0.0%



Illuminance at a Distance		
Center Beam fc	Beam Width	
5.0R	109 fc	3.7 ft 3.7 ft
10.0R	27.4 fc	7.5 ft 7.5 ft
15.0R	12.2 fc	11.2 ft 11.2 ft
20.0R	6.84 fc	15.0 ft 14.9 ft
25.0R	4.38 fc	18.7 ft 18.7 ft
30.0R	3.04 fc	22.5 ft 22.4 ft
Vert. Spread: 41.1°		
Horiz. Spread: 41.0°		

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
RCC: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00	1.00
1	1.14	1.12	1.10	1.08	1.12	1.10	1.08	.96	1.06	1.04	1.03	1.02	1.01	1.00	.99	.98	.97	.95	.95	.95	.95
2	1.10	1.06	1.02	.99	1.08	1.04	1.01	.91	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90	.90	.90	.90
3	1.05	1.00	.96	.92	1.03	.99	.95	.87	.96	.93	.90	.94	.91	.89	.91	.89	.87	.86	.86	.86	.86
4	1.01	.95	.90	.87	1.00	.94	.89	.83	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82	.82	.82	.82
5	.97	.90	.85	.82	.96	.89	.85	.79	.88	.84	.81	.86	.83	.80	.85	.82	.79	.78	.78	.78	.78
6	.94	.86	.81	.78	.92	.85	.81	.76	.84	.80	.77	.83	.79	.76	.81	.78	.76	.75	.75	.75	.75
7	.90	.82	.77	.74	.89	.82	.77	.72	.81	.76	.73	.79	.76	.73	.78	.75	.73	.71	.71	.71	.71
8	.87	.79	.74	.70	.86	.78	.74	.69	.77	.73	.70	.76	.73	.70	.75	.72	.69	.68	.68	.68	.68
9	.84	.76	.71	.67	.83	.75	.70	.67	.74	.70	.67	.73	.70	.67	.73	.69	.67	.66	.66	.66	.66
10	.81	.73	.68	.65	.80	.72	.68	.64	.71	.67	.64	.71	.67	.64	.70	.67	.64	.63	.63	.63	.63

[illegible]

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] Luna 3A V10 358mA 31.09V
[TESTLAB] Zaniboni Light
[ISSUEDATE] 3/2/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D2-LUN3A-1330C-3C-Z-WS-0
[LUMINAIRE] D2-LUN3A-1330C-3C-Z-WS-0
[LAMP] WHITE 3K 90 CRI 36 DEG

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 10, HORIZONTAL ANGLES: 37
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.