

**Filename: W2-LAR3S-1330C-2S-WS-Z-0**

Manufacturer: Zaniboni Lighting

Luminaire: W2-LAR3S-1330C-2S-WS-Z-0

Luminaire Cat: W2-LAR3S-1330C-2S-WS-Z-0

Lamp: WHITE 3K 90 CRI 24 DEG SOLITE FILM

Lamp Output: Total luminaire Lumens: 1260.1

Max Candela: 4,018.6 at Horizontal: 0°, Vertical: 0°

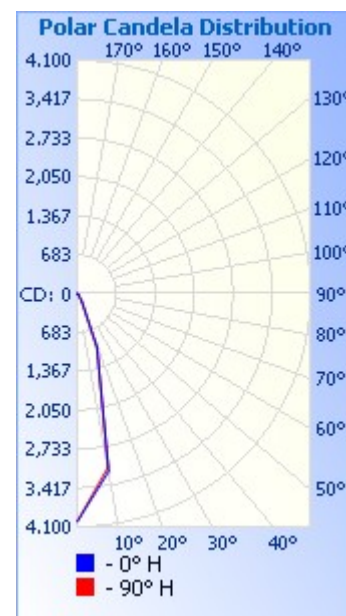
Luminous Opening: Circular (Dia: 1.57")

Test: LARA 3S 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:	1.2
Lumens % Lamp	
Downward Street Side:	636.9 50.5%
Downward House Side:	654.3 51.9%
Downward Total:	1,291.2 102.5%
Total Lumens:	1,291.2 102.5%

Flood Summary

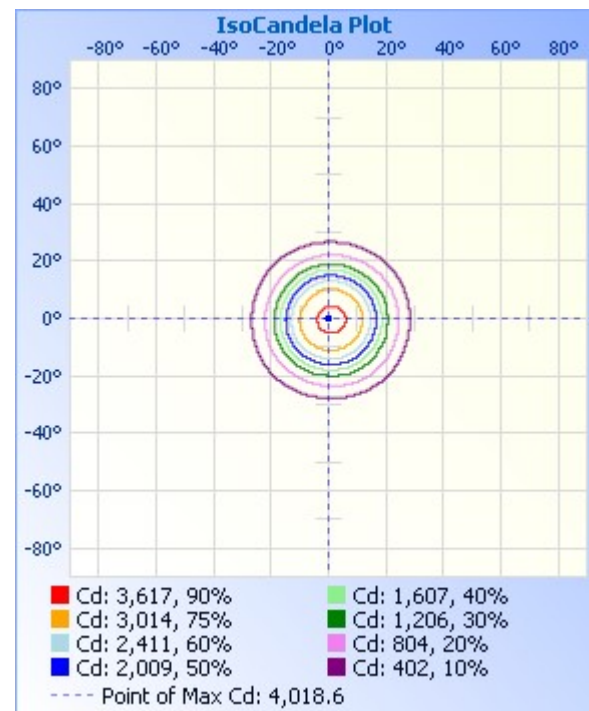
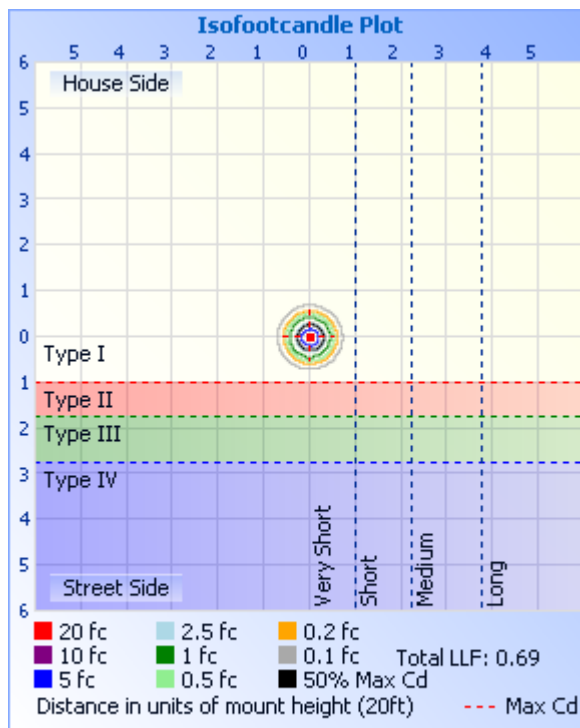
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	90.6%	1,141.3	55.1	54.6
Beam (50%):	52.8%	665.4	31.5	31
Total:	102.3%	1,289.6		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,151.4	91.4%
0-40	1,215.9	96.5%
0-60	1,252.8	99.4%
60-90	7.3	0.6%
0-90	1,260.1	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	324.7	25.8%
10-20	557.5	44.2%
20-30	269.3	21.4%
30-40	64.4	5.1%
40-50	25.0	2.0%
50-60	12.0	1.0%
60-70	4.8	0.4%
70-80	1.8	0.1%
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 %:	<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	1.15	1.12	1.10	1.08	1.12	1.10	1.08	.96	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96			
2	1.10	1.06	1.03	1.00	1.08	1.05	1.02	.92	1.01	.99	.97	.99	.97	.95	.96	.94	.93	.91			
3	1.06	1.01	.97	.94	1.04	1.00	.96	.88	.97	.94	.92	.95	.92	.90	.93	.91	.89	.88			

4	1.02	.96	.92	.89	1.01	.95	.91	.85	.93	.90	.87	.91	.88	.86	.90	.87	.85	.84
5	.99	.92	.88	.84	.97	.91	.87	.81	.90	.86	.83	.88	.85	.82	.87	.84	.82	.81
6	.95	.88	.84	.80	.94	.88	.83	.78	.86	.82	.80	.85	.82	.79	.84	.81	.79	.77
7	.92	.85	.80	.77	.91	.84	.80	.75	.83	.79	.76	.82	.79	.76	.81	.78	.76	.75
8	.89	.82	.77	.74	.88	.81	.77	.73	.80	.76	.74	.79	.76	.73	.79	.75	.73	.72
9	.86	.79	.74	.71	.85	.78	.74	.70	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
10	.84	.76	.72	.69	.83	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	4019	4019	4019	4019	4019	4019	4019	4019	4019	4019	4019	4019	4019
10	3182	3110	3070	3107	3154	3155	3184	3227	3283	3340	3309	3217	3182
20	1013	980	970	1011	1043	1048	1093	1166	1199	1232	1175	1062	1013
30	153	151	154	161	162	159	169	183	188	191	175	155	153
40	44	43	44	45	45	45	46	47	49	49	48	45	44
50	19	18	19	19	20	20	20	20	21	21	20	19	19
60	7	7	7	7	7	8	8	8	8	8	7	7	7
70	2	2	2	2	2	3	3	3	3	3	2	2	2
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] LARA 3S V10 358mA 31.09V
[TESTLAB] Zaniboni Light
[ISSUE DATE] 3/6/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] W2-LAR3S-1330C-2S-WS-Z-0
[LUMINAIRE] W2-LAR3S-1330C-2S-WS-Z-0
[LAMP] WHITE 3K 90 CRI 24 DEG SOLITE 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.