

**Filename: W2-LAR3S-1330C-5S-Z-WS-0**

Manufacturer: Zaniboni Lighting

Luminaire: W2-LAR3S-1330C-5S-Z-WS-0

Luminaire Cat: W2-LAR3S-1330C-5S-Z-WS-0

Lamp: WHITE 3K 90 CRI 50 DEG SOLITE FILM

Lamp Output: Total luminaire Lumens: 1198.3

Max Candela: 1,636.6 at Horizontal: 300°, Vertical: 10°

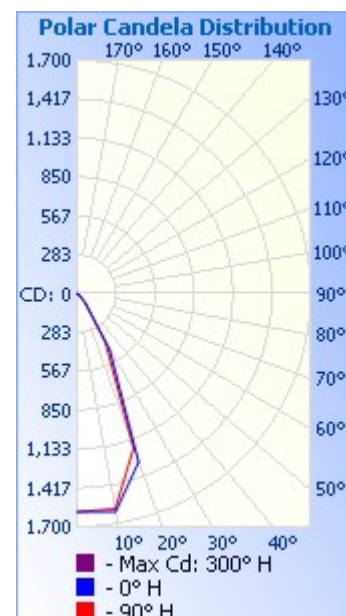
Luminous Opening: Circular (Dia: 1.57")

Test: LARA 3S 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:	1.1
Lumens % Lamp	
Downward Street Side:	609.6 50.9%
Downward House Side:	600.1 50.1%
Downward Total:	1,209.7 101%
Total Lumens:	1,209.7 101%

Zonal Lumen Summary

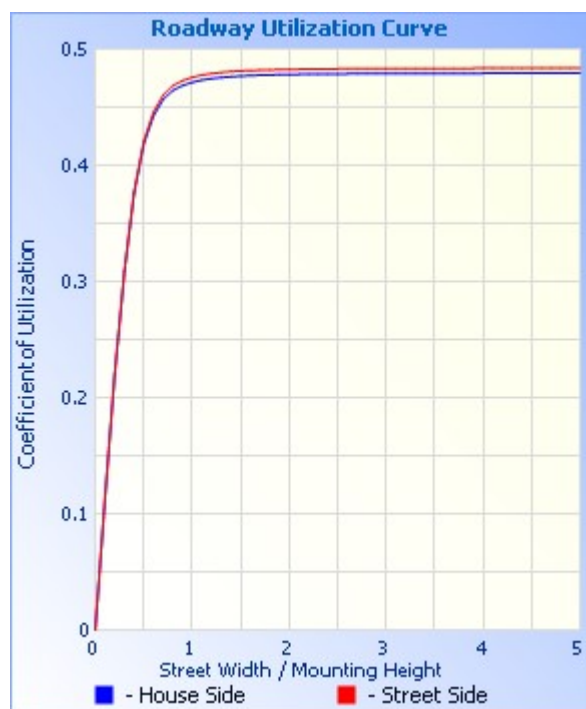
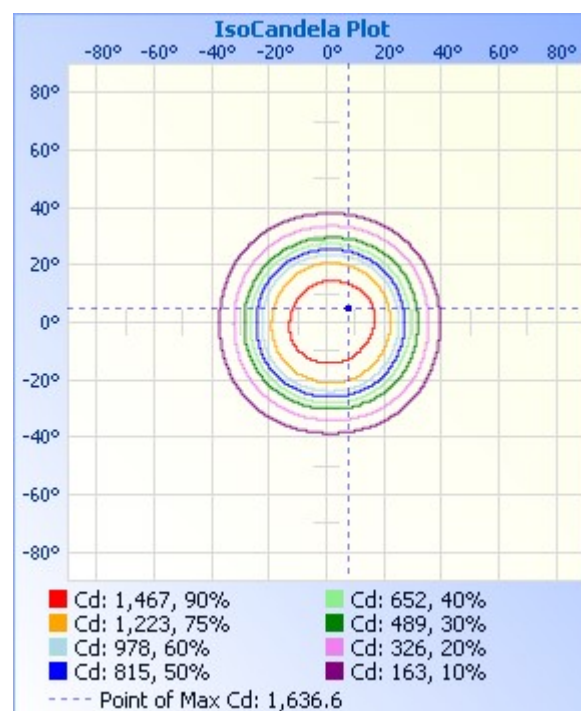
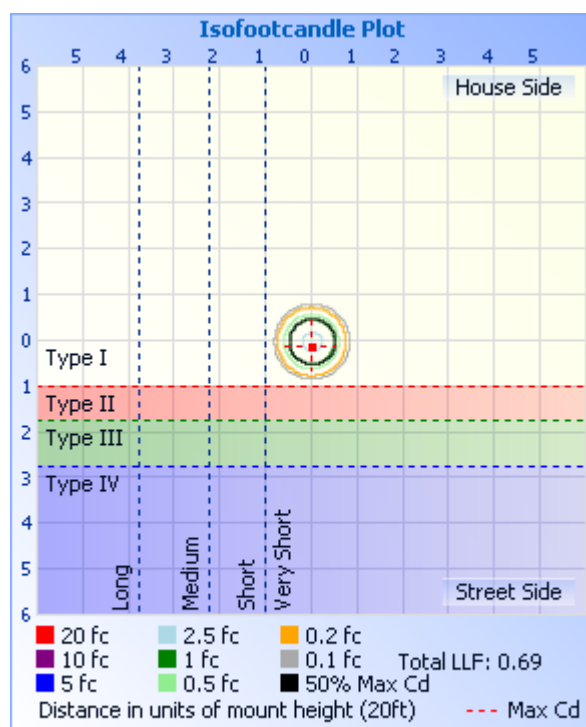
Zone	Lumens	% Luminaire
0-30	947.4	79.1%
0-40	1,121.1	93.6%
0-60	1,188.6	99.2%
60-90	9.7	0.8%
0-90	1,198.3	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	92.9%	1,113.5	76.2	75.6
Beam (50%):	68.1%	815.6	50.9	50
Total:	100.9%	1,208.9		

Lumens Per Zone

Zone	Lumens	% Total
0-10	153.0	12.8%
10-20	403.3	33.7%
20-30	391.1	32.6%
30-40	173.7	14.5%
40-50	49.7	4.2%
50-60	17.8	1.5%
60-70	6.6	0.6%
70-80	2.3	0.2%
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	1.14	1.11	1.09	1.07	1.11	1.09	1.07	.94	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.96	.96	.96	.94
2	1.08	1.04	1.00	.97	1.06	1.02	.99	.89	.99	.96	.94	.96	.94	.92	.93	.91	.90	.90	.90	.90	.88
3	1.03	.97	.93	.89	1.01	.96	.92	.83	.93	.90	.87	.91	.88	.85	.89	.86	.84	.84	.84	.84	.82

4	.99	.91	.86	.82	.97	.90	.85	.78	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5	.94	.86	.81	.76	.92	.85	.80	.74	.83	.79	.75	.82	.78	.75	.80	.77	.74	.73
6	.90	.81	.76	.72	.88	.80	.75	.70	.79	.74	.71	.78	.73	.70	.76	.73	.70	.68
7	.86	.77	.71	.67	.84	.76	.71	.66	.75	.70	.67	.74	.69	.66	.73	.69	.66	.65
8	.82	.73	.67	.63	.81	.72	.67	.62	.71	.66	.63	.70	.66	.63	.69	.65	.62	.61
9	.78	.69	.64	.60	.77	.69	.63	.59	.68	.63	.60	.67	.62	.59	.66	.62	.59	.58
10	.75	.66	.60	.57	.74	.65	.60	.56	.65	.60	.56	.64	.59	.56	.63	.59	.56	.55

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	1596	1596	1596	1596	1596	1596	1596	1596	1596	1596	1596	1596	1596
10	1619	1608	1583	1598	1614	1598	1581	1587	1594	1622	1637	1613	1619
20	1309	1256	1217	1202	1232	1243	1267	1311	1338	1379	1395	1352	1309
30	474	446	422	408	417	427	455	502	534	554	547	514	474
40	99	95	90	88	88	91	96	107	116	121	118	108	99
50	30	29	28	28	28	28	30	31	33	34	33	31	30
60	10	9	9	9	9	10	10	11	11	11	11	10	10
70	3	3	3	3	3	3	3	4	4	4	4	3	3
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
[ISSUEDATE] 3/4/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] W2-LAR3S-1330C-5S-Z-WS-0
[LUMINAIRE] W2-LAR3S-1330C-5S-Z-WS-0
[LAMP] WHITE 3K 90 CRI 50 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.