

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

Manufacturer: Zaniboni Lighting

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

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

Lamp: WHITE 3K 90 CRI 24 DEG FROSTED FILM

Lamp Output: Total luminaire Lumens: 1183

Max Candela: 1,947.2 at Horizontal: 0°, Vertical: 0°

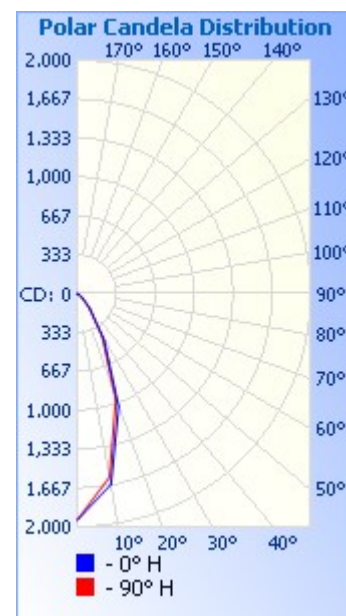
Luminous Opening: Circular (Dia: 1.57")

Test: LARA 3S V10 358mA 31.09V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 5 X 5

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.4
Max Cd, 80 to <90 Deg:	1.7
Lumens % Lamp	
Downward Street Side:	598.9 50.6%
Downward House Side:	598.5 50.6%
Downward Total:	1,197.3 101.2%
Total Lumens:	1,197.3 101.2%

**Zonal Lumen Summary**

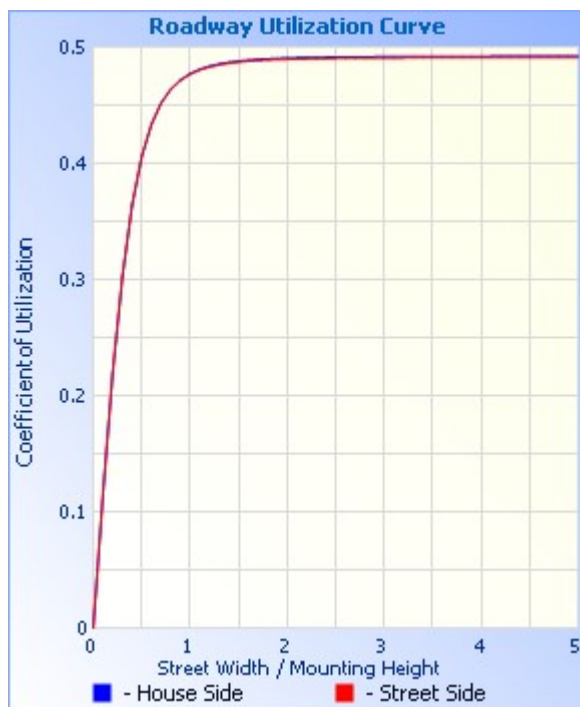
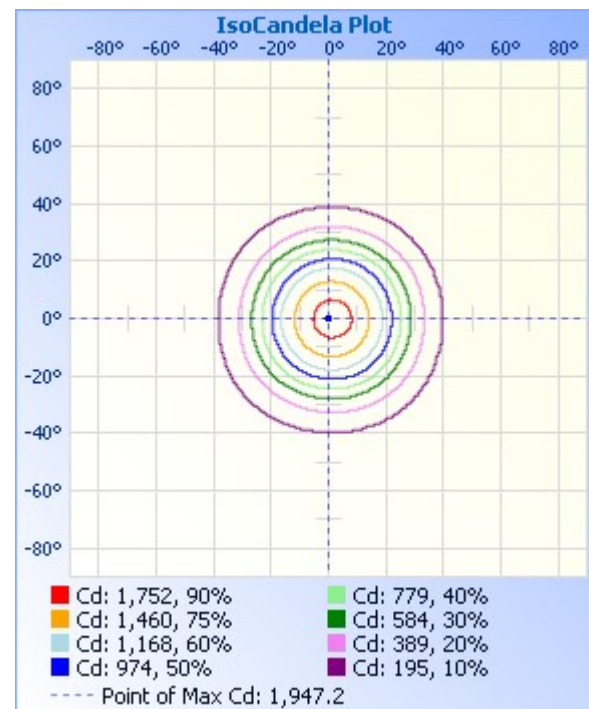
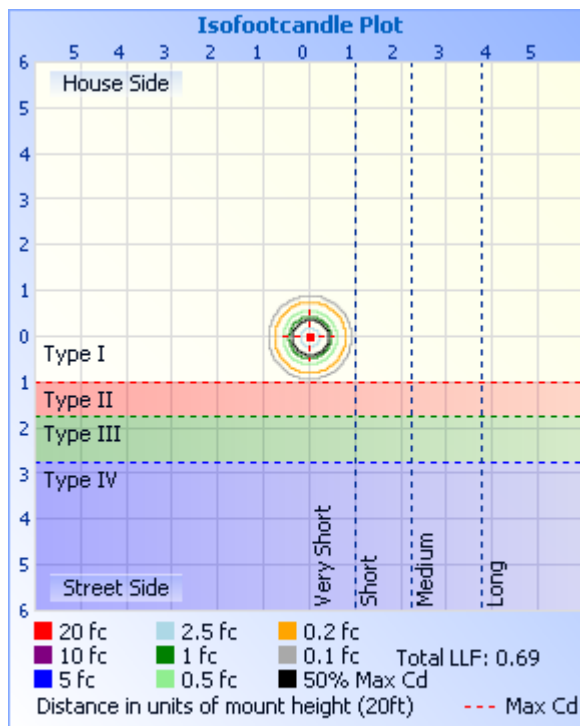
Zone	Lumens	% Luminaire
0-30	858.0	72.5%
0-40	1,048.1	88.6%
0-60	1,167.7	98.7%
60-90	15.4	1.3%
0-90	1,183.0	100%

**Flood Summary**

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	88.7%	1,049.4	78	78.2
Beam (50%):	47.9%	567.0	41.6	41.7
Total:	101.1%	1,196.4		

**Lumens Per Zone**

Zone	Lumens	% Total
0-10	164.5	13.9%
10-20	364.0	30.8%
20-30	329.5	27.9%
30-40	190.1	16.1%
40-50	85.6	7.2%
50-60	34.0	2.9%
60-70	11.3	1.0%
70-80	3.1	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 %:	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	1.13	1.11	1.08	1.06	1.11	1.09	1.06	.94	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.95	.94	.93	.93
2	1.08	1.03	.99	.96	1.06	1.01	.98	.88	.98	.95	.92	.91	.93	.91	.92	.90	.89	.89	.88	.87	.87
3	1.03	.96	.91	.87	1.01	.95	.90	.82	.92	.88	.85	.84	.87	.84	.87	.85	.83	.83	.83	.81	.81

4	.97	.90	.85	.80	.96	.89	.84	.77	.87	.82	.79	.85	.81	.78	.83	.80	.77	.76
5	.93	.84	.79	.74	.91	.84	.78	.72	.82	.77	.73	.80	.76	.73	.79	.75	.72	.71
6	.88	.80	.74	.69	.87	.79	.73	.68	.77	.72	.69	.76	.72	.68	.75	.71	.68	.66
7	.84	.75	.69	.65	.83	.74	.69	.64	.73	.68	.65	.72	.67	.64	.71	.67	.64	.62
8	.80	.71	.65	.61	.79	.70	.65	.60	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
9	.77	.67	.62	.58	.76	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.56
10	.73	.64	.58	.55	.72	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.53

Candela Table - Type C													
	0	30	60	90	120	150	180	210	240	270	300	330	360
0	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947
10	1667	1635	1610	1600	1602	1615	1637	1664	1686	1697	1696	1681	1667
20	1034	998	974	970	976	987	1009	1040	1062	1072	1072	1058	1034
30	459	440	426	430	438	440	453	472	478	479	478	473	459
40	167	161	156	160	166	164	170	176	174	173	172	171	167
50	58	56	55	57	59	58	60	61	59	59	58	58	58
60	19	18	19	19	19	19	19	19	19	18	18	18	19
70	4	4	4	4	4	4	4	4	4	4	4	4	4
80	2	2	2	2	2	2	2	2	2	1	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] LARA 3S V10 358mA 31.09V  
[TESTLAB] Zaniboni Light  
[ISSUE DATE] 3/4/2025  
[MANUFAC] Zaniboni Lighting  
[LUMCAT] W2-LAR3S-1330C-2F-WS-Z-0  
[LUMINAIRE] W2-LAR3S-1330C-2F-WS-Z-0  
[LAMP] WHITE 3K 90 CRI 24 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.