

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

Manufacturer: Zaniboni Lighting

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

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

Lamp: WHITE 3K 90 CRI 50 DEG FROSTED FILM

Lamp Output: Total luminaire Lumens: 1146.8

Max Candela: 1,176.7 at Horizontal: 0°, Vertical: 0°

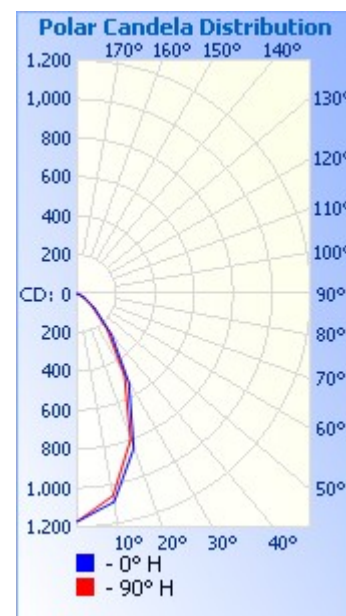
Luminous Opening: Circular (Dia: 1.57")

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:	0.3
Max Cd, 80 to <90 Deg:	2.1
Lumens % Lamp	
Downward Street Side:	586.7 51.2%
Downward House Side:	568.1 49.5%
Downward Total:	1,154.9 100.7%
Total Lumens:	1,154.9 100.7%

**Zonal Lumen Summary**

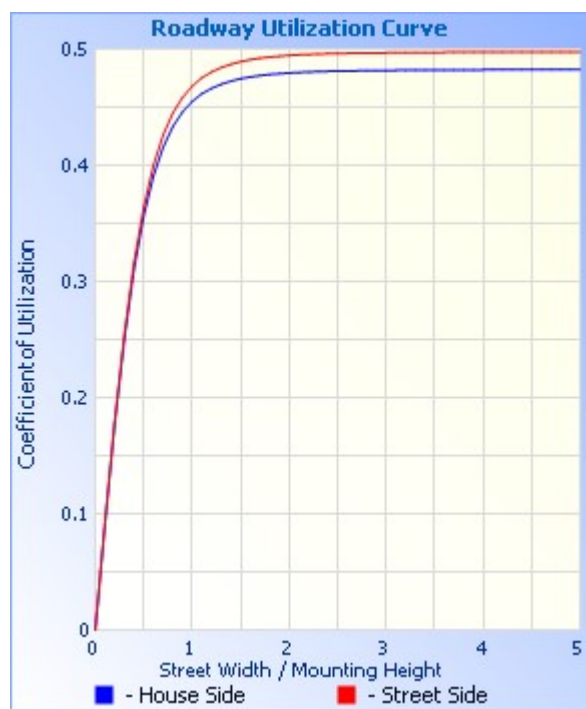
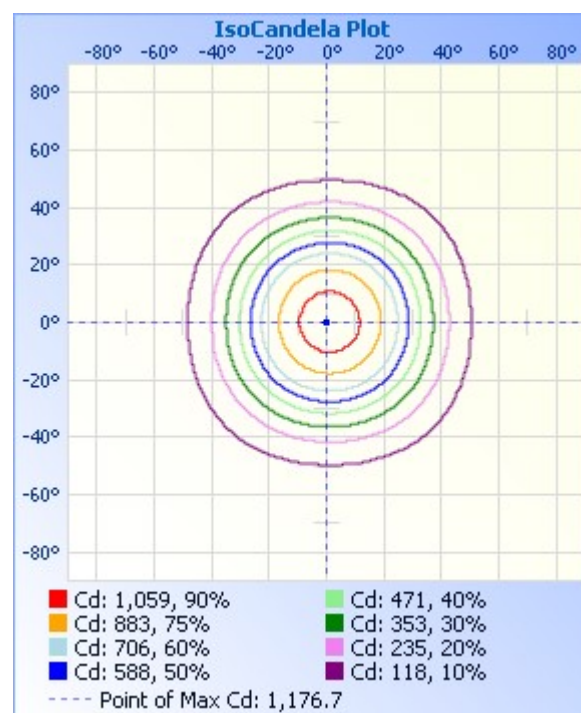
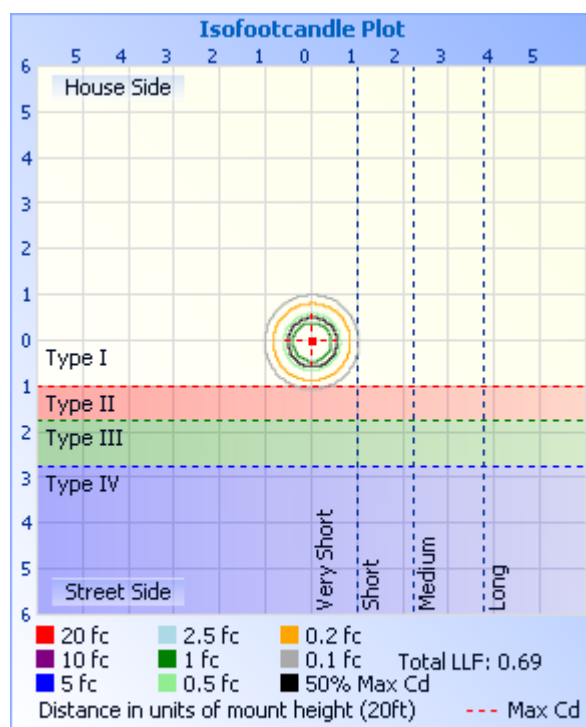
Zone	Lumens	% Luminaire
0-30	673.1	58.7%
0-40	910.4	79.4%
0-60	1,116.7	97.4%
60-90	30.1	2.6%
0-90	1,146.8	100%

**Flood Summary**

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	91.9%	1,053.3	98.7	99.2
Beam (50%):	52.9%	606.7	54.9	55.5
Total:	100.7%	1,154.2		

**Lumens Per Zone**

Zone	Lumens	% Total
0-10	105.1	9.2%
10-20	264.2	23.0%
20-30	303.8	26.5%
30-40	237.3	20.7%
40-50	140.0	12.2%
50-60	66.2	5.8%
60-70	23.6	2.1%
70-80	5.3	0.5%
80-90	1.2	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	1.10	1.07	1.04	1.10	1.07	1.05	.92	1.03	1.01	1.00	1.00	.98	.97	.96	.95	.94	.94	.94	.94	.92
2	1.06	1.01	.96	.92	1.04	.99	.95	.85	.96	.92	.89	.93	.90	.87	.90	.88	.85	.85	.85	.85	.84
3	1.00	.93	.87	.83	.98	.91	.86	.77	.89	.84	.81	.86	.82	.79	.84	.81	.78	.78	.78	.78	.76

4	.94	.86	.79	.75	.92	.84	.79	.71	.82	.77	.73	.80	.76	.72	.78	.75	.72	.70
5	.89	.79	.73	.68	.87	.78	.72	.65	.76	.71	.67	.75	.70	.66	.73	.69	.66	.64
6	.84	.74	.67	.62	.82	.73	.67	.60	.71	.66	.62	.70	.65	.61	.68	.64	.61	.59
7	.79	.69	.62	.57	.78	.68	.62	.56	.67	.61	.57	.65	.60	.57	.64	.60	.56	.55
8	.75	.64	.58	.53	.73	.64	.57	.52	.62	.57	.53	.61	.56	.53	.60	.56	.52	.51
9	.71	.60	.54	.49	.70	.60	.54	.49	.59	.53	.49	.58	.53	.49	.57	.52	.49	.47
10	.67	.57	.50	.46	.66	.56	.50	.46	.55	.50	.46	.55	.49	.46	.54	.49	.46	.44

**Candela Table - Type C**

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177	1177
10	1091	1079	1067	1060	1057	1058	1065	1073	1081	1088	1092	1091	1091
20	850	832	814	803	801	807	817	827	838	847	857	858	850
30	532	515	497	485	484	493	502	511	524	531	540	541	532
40	272	261	248	239	237	245	252	257	266	271	277	276	272
50	116	111	104	99	98	103	107	109	114	117	119	118	116
60	43	40	38	36	35	37	39	40	42	44	44	44	43
70	8	8	8	7	7	7	8	8	9	9	9	9	8
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] LARA 3S V10 358mA 31.09V  
[TESTLAB] Zaniboni Light  
[ISSUE DATE] 3/4/2025  
[MANUFAC] Zaniboni Lighting  
[LUMCAT] W2-LAR3S-1330C-5F-Z-WS-0  
[LUMINAIRE] W2-LAR3S-1330C-5F-Z-WS-0  
[LAMP] WHITE 3K 90 CRI 50 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.