

# ZANIBONI® LIGHTING

**Filename:** D2-LUN3W-1330A-6F-WS-1

**Manufacturer:** Zaniboni Lighting

**Luminaire:** D2-LUN3W-1330A-6F-WS-1

**Luminaire Cat:** D2-LUN3W-1330A-6F-WS-1

**Lamp:** WHITE 3K 80 60 DEG ACRYLIC

**Lamp Output:** Total luminaire Lumens: 875.7

**Max Candela:** 199.0 at Horizontal: 90°, Vertical: 70°

**Input Wattage:** 13

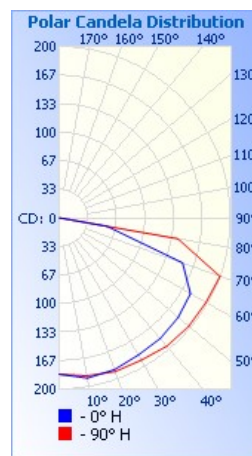
**Luminous Opening:** Circular (Dia: 3.15")

**Test:** LUNA 3 W V10 36V 351mA 13W

**Test Lab:** Zaniboni Light

**Photometry :** Type C

**Nema Type:** 7 X 7



## Roadway Summary

**Cutoff Classification:** SEMICUTOFF

**Distribution:** TYPE IV, MEDIUM

**Max Cd, 90 Deg Vert:** 0.5

**Max Cd, 80 to <90 Deg:** 141.4

**Lumens % Lamp**

**Downward Street Side:** 432.2 49.4%

**Downward House Side:** 443.9 50.7%

**Downward Total:** 876.0 100%

**Total Lumens:** 876.0 100%

## Flood Summary

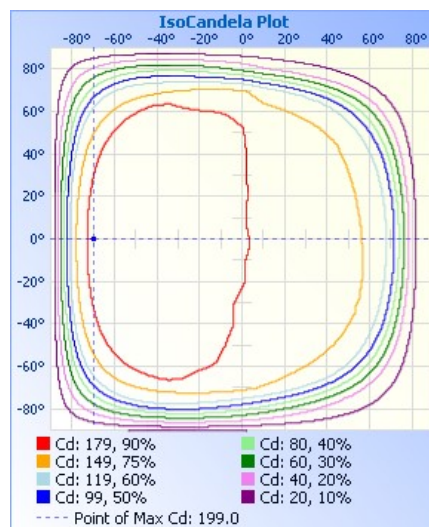
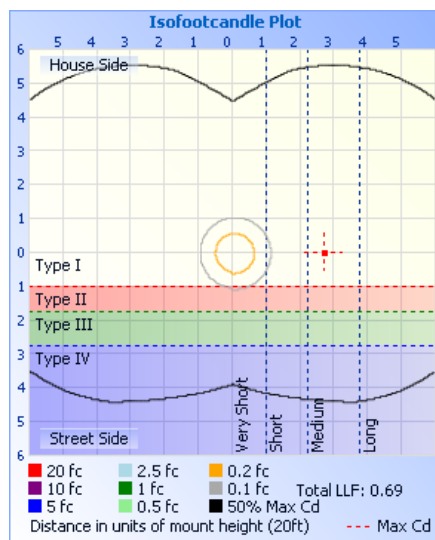
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
<b>Field (10%):</b>	99.5%	871.2	170.2	171.4
<b>Beam (50%):</b>	93.1%	815.2	154.2	136.1
<b>Total:</b>	100%	875.6		

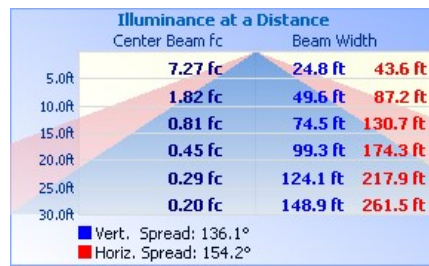
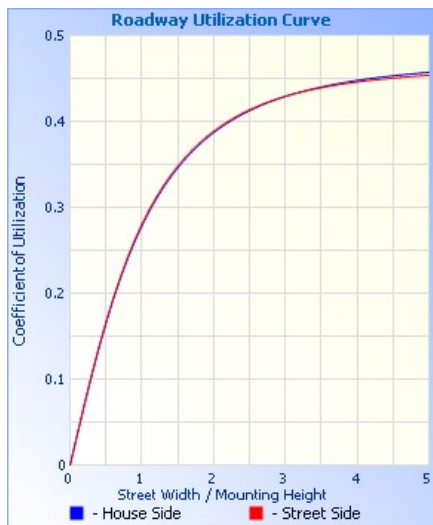
## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	151.0	17.2%
0-40	262.2	29.9%
0-60	553.6	63.2%
60-90	322.1	36.8%
0-90	875.7	100%

## Lumens Per Zone

Zone	Lumens	% Total
0-10	17.3	2.0%
10-20	51.1	5.8%
20-30	82.6	9.4%
30-40	111.2	12.7%
40-50	136.1	15.5%
50-60	155.3	17.7%
60-70	161.1	18.4%
70-80	120.2	13.7%
80-90	40.8	4.7%





#### 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	50	30	20	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	1.00	1.00	1.00
1	1.06	1.00	.94	.89	1.03	.97	.92	.78	.93	.89	.85	.89	.85	.82	.85	.82	.80	.85	.82	.80	.77	.77	.77	.77
2	.94	.84	.75	.68	.91	.82	.74	.62	.78	.72	.66	.75	.69	.64	.71	.67	.63	.63	.63	.63	.60	.60	.60	.60
3	.84	.72	.62	.54	.81	.70	.61	.50	.67	.59	.53	.64	.57	.52	.61	.55	.51	.51	.51	.48	.48	.48	.48	.48
4	.76	.62	.52	.44	.74	.61	.51	.41	.58	.50	.43	.56	.48	.42	.53	.47	.42	.39	.39	.39	.39	.39	.39	.39
5	.69	.55	.44	.37	.67	.53	.44	.35	.51	.43	.36	.49	.41	.36	.47	.40	.35	.33	.33	.33	.33	.33	.33	.33
6	.64	.49	.38	.31	.61	.48	.38	.30	.46	.37	.31	.44	.36	.30	.42	.35	.30	.28	.28	.28	.28	.28	.28	.28
7	.59	.44	.34	.27	.57	.43	.33	.26	.41	.33	.27	.40	.32	.26	.38	.31	.26	.24	.24	.24	.24	.24	.24	.24
8	.54	.39	.30	.24	.53	.39	.30	.23	.37	.29	.23	.36	.29	.23	.35	.28	.23	.21	.21	.21	.21	.21	.21	.21
9	.51	.36	.27	.21	.49	.35	.27	.20	.34	.26	.21	.33	.26	.21	.32	.25	.20	.18	.18	.18	.18	.18	.18	.18
10	.47	.33	.24	.19	.46	.32	.24	.18	.31	.24	.19	.30	.23	.18	.29	.23	.18	.16	.16	.16	.16	.16	.16	.16

Candela Table - Type C

	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360
0	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182
10	189	189	188	188	188	188	187	187	187	186	186	185	185	184	183	183	181	181	180	179	178	177	176	175	175	174	174	174	173	174	174	174	175	175	176	189	
20	188	188	188	189	190	190	190	190	190	190	190	189	188	187	186	184	183	181	180	178	176	175	173	172	171	170	170	169	169	169	170	170	171	172	173	174	188
30	184	185	186	187	189	189	190	191	191	191	191	190	189	187	186	184	182	179	177	175	172	170	168	167	165	164	163	163	163	163	163	164	165	167	168	170	184
40	183	185	186	188	190	192	193	194	195	195	194	193	192	190	188	186	183	180	177	174	171	169	166	164	162	160	159	159	158	159	159	160	162	164	166	169	183
50	180	183	185	188	190	192	194	195	196	196	196	195	193	191	189	186	182	179	175	172	168	165	162	159	157	155	154	153	153	153	154	155	157	160	162	165	180
60	176	179	183	186	189	191	194	195	196	197	197	196	194	191	188	185	181	177	173	169	164	161	157	154	151	149	148	147	146	147	148	150	152	155	158	161	176
70	153	159	166	173	179	185	191	195	198	199	199	197	194	190	184	178	171	163	156	148	141	134	128	123	118	114	112	110	110	111	112	116	120	124	130	136	153
80	56	66	77	89	101	112	122	130	136	140	141	140	136	130	122	113	102	91	80	70	60	51	44	37	32	28	25	24	23	23	23	25	28	32	38	44	56
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

**Luminaire Report Summary**

IESNA: LM-63-2002  
[TEST] LUNA 3 W V10 36V 351mA 13W  
[TESTLAB] Zaniboni Light  
[ISSUEDATE] 7/10/2024  
[MANUFAC] Zaniboni Lighting  
[LUMCAT] D2-LUN3W-1330A-6F-WS-1  
[LUMINAIRE] D2-LUN3W-1330A-6F-WS-1  
[LAMP] WHITE 3K 80 60 DEG ACRYLIC

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.