

**Filename: L1-RIGAJ0-0930C-OP-0**

Manufacturer: ZANIBONI

Luminaire: L1-RIGAJ0-0930C-OP-0

Luminaire Cat: L1-RIGAJ0-0930C-OP-0

Lamp: LED

Lamp Cat: LED

Lamp Output: 1 lamp, rated Lumens/lamp: 494.9

Max Candela: 191.7 at Horizontal: 0°, Vertical: 0°

Input Wattage: 6.1

Luminous Opening: Rectangle w/Luminous Sides (L: 0.87", W: 11.02", H: 0.04")

Test: L1-RIGAJ0-0930C-OP-0

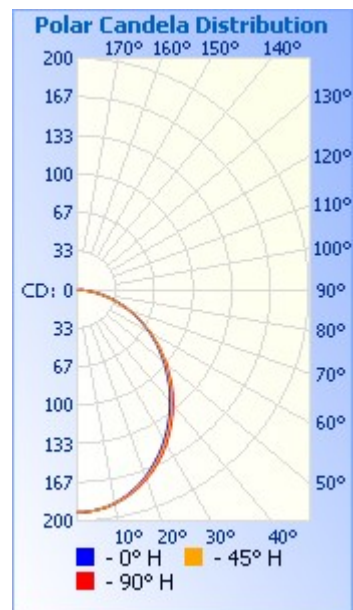
Test Date: 07/10/2024

Test Lab: ZANIBONI

FLASHAREA: 0.001762

Photometry : Type C

Nema Type: 7 X 7

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	2.0
Max Cd, 80 to <90 Deg:	19.8
	Lumens % Lamp
Downward Street Side:	247.3 50%
Downward House Side:	247.3 50%
Downward Total:	494.7 100%
Total Lumens:	494.7 100%

Zonal Lumen Summary

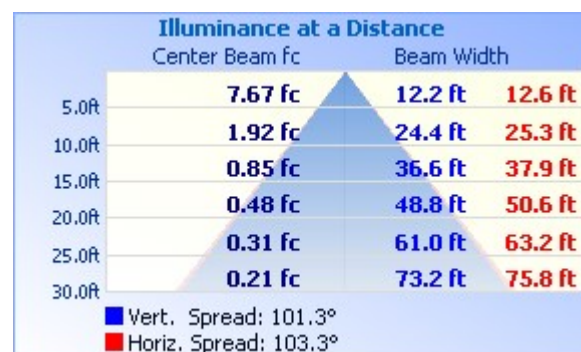
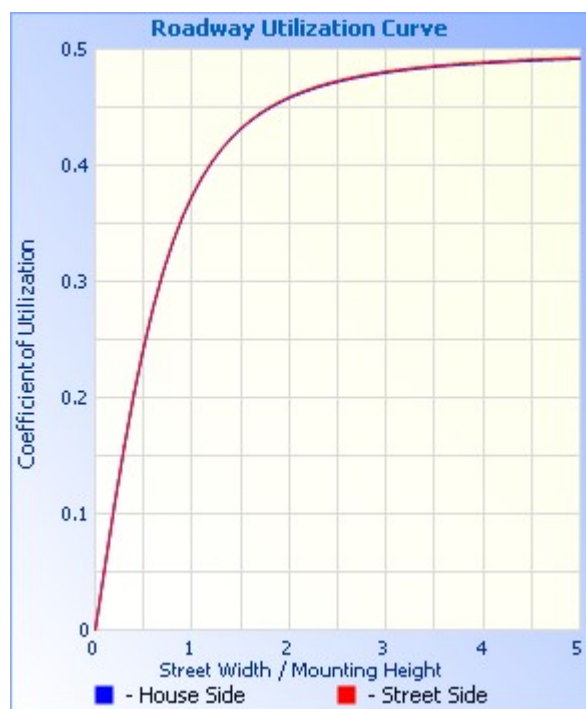
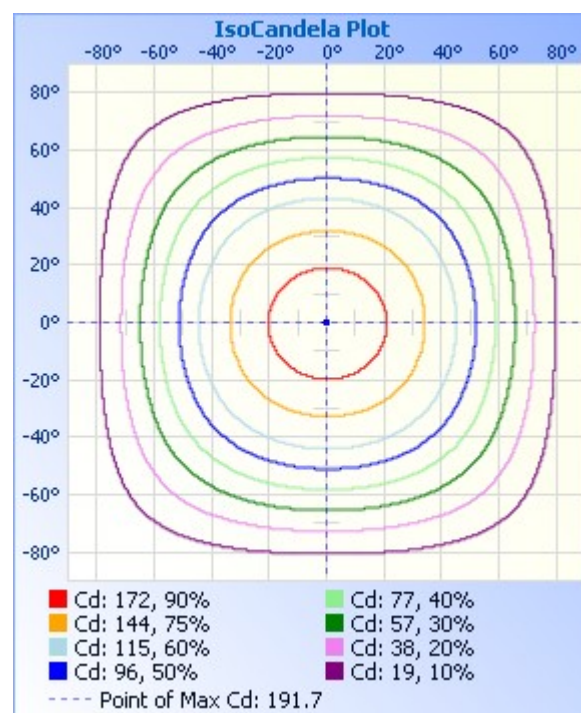
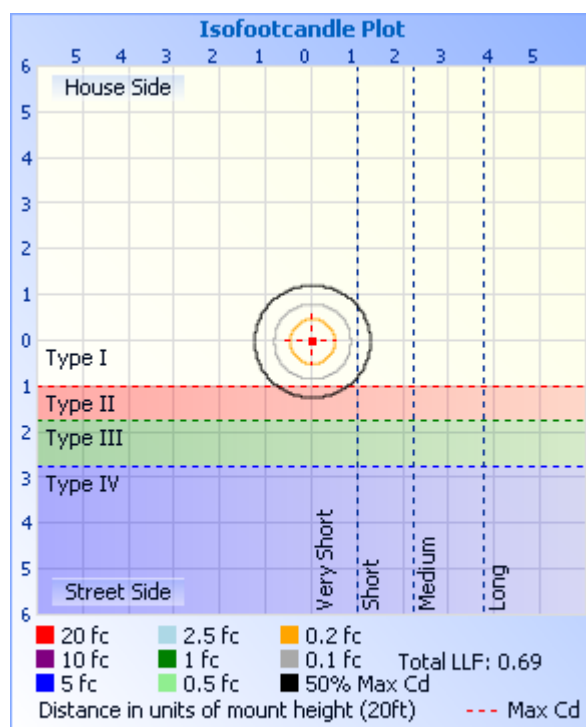
Zone	Lumens	% Lamp	% Luminaire
0-30	143.7	29%	29.1%
0-40	230.6	46.6%	46.6%
0-60	394.0	79.6%	79.7%
60-90	100.5	20.3%	20.3%
0-90	494.5	99.9%	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	97.9%	484.4	158.5	160.6
Beam (50%):	66.2%	327.8	103.3	101.3
Total:	99.9%	494.5		

Lumens Per Zone

Zone	Lumens	% Total
0-10	18.0	3.6%
10-20	50.8	10.3%
20-30	74.8	15.1%
30-40	86.9	17.6%
40-50	87.0	17.6%
50-60	76.4	15.5%
60-70	57.5	11.6%
70-80	33.1	6.7%
80-90	9.9	2.0%



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	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.97	.94	.91	.89	.94	.91	.89	.90	.88	.86	.86	.86	.84
2	.99	.91	.84	.78	.96	.89	.83	.71	.85	.80	.76	.74	.82	.78	.74	.79	.76	.72	.72	.72	.70
3	.90	.80	.72	.65	.88	.78	.71	.61	.75	.69	.64	.63	.73	.67	.63	.70	.65	.62	.62	.62	.59

4	.83	.71	.62	.56	.81	.70	.62	.53	.67	.60	.55	.65	.59	.54	.63	.57	.53	.51
5	.76	.64	.55	.48	.74	.62	.54	.46	.60	.53	.47	.58	.52	.47	.57	.51	.46	.44
6	.71	.57	.48	.42	.69	.56	.48	.41	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7	.66	.52	.43	.37	.64	.51	.43	.36	.50	.42	.37	.48	.42	.37	.47	.41	.36	.34
8	.61	.48	.39	.33	.59	.47	.39	.33	.46	.38	.33	.44	.38	.33	.43	.37	.33	.31
9	.57	.44	.36	.30	.56	.43	.35	.29	.42	.35	.30	.41	.34	.30	.40	.34	.30	.28
10	.54	.40	.33	.27	.52	.40	.32	.27	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25

Candela Table - Type C

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192	192
2.5	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191
5	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190
7.5	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
10	186	186	186	186	186	187	186	187	187	187	187	187	187	187	187	187	187	187	187
12.5	183	183	183	183	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184
15	180	180	180	180	180	180	180	180	180	181	181	181	181	181	181	181	181	181	181
17.5	176	176	176	176	176	176	176	176	177	177	177	177	177	177	177	178	178	178	178
20	171	171	171	171	171	172	172	172	172	172	173	173	173	173	173	173	173	174	174
22.5	166	166	166	166	167	167	167	167	167	168	168	168	168	168	169	169	169	169	169
25	161	161	161	161	161	161	162	162	162	162	163	163	163	163	164	164	164	164	164
27.5	155	155	155	156	156	156	156	156	157	157	157	158	158	158	158	159	159	159	159
30	149	149	150	150	150	150	150	151	151	151	152	152	152	152	152	153	153	153	153
32.5	143	143	143	144	144	144	144	145	145	145	146	146	146	146	146	147	147	147	147
35	137	137	137	137	137	138	138	139	139	139	139	140	140	140	140	141	141	141	141
37.5	131	131	131	131	131	131	132	132	132	132	133	134	134	134	134	134	134	135	134
40	124	124	124	125	125	125	125	126	126	126	127	127	127	127	127	128	128	128	128
42.5	118	118	118	118	118	118	119	119	119	119	120	121	121	121	121	121	121	121	121
45	111	111	111	111	112	112	112	112	113	113	113	114	114	114	114	114	114	115	115
50	98	98	98	98	98	98	99	99	99	99	100	100	100	100	100	100	100	101	100
55	84	84	84	84	85	85	85	85	85	85	86	86	86	86	86	86	86	86	86
60	71	71	71	71	71	71	71	72	72	72	72	72	73	73	72	72	72	72	72
65	57	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
70	44	44	44	45	45	45	45	45	45	45	45	45	45	45	44	44	44	44	44
75	32	32	32	32	32	32	32	31	31	31	31	31	31	31	31	31	30	30	30
80	20	20	20	20	20	20	19	19	19	19	19	19	18	18	18	18	18	18	17
85	9	9	9	9	9	9	9	9	9	8	8	8	8	8	7	7	7	7	7
90	2	2	2	2	2	2	2	1	1	1	1	1	1	1	0	0	0	0	0

Luminaire Report Summary

IESNA: L1-RIGAJ0-0930C-OP-0
[TEST] L1-RIGAJ0-0930C-OP-0
[TESTLAB] ZANIBONI
[TESTDATE] 07/10/2024
[ISSUEDATE] 07/10/2024
[MANUFAC] ZANIBONI
[LUMCAT] L1-RIGAJ0-0930C-OP-0
[LUMINAIRE] L1-RIGAJ0-0930C-OP-0
[FLASHAREA] 0.001762
[LAMPCAT] LED
[LAMP] LED
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 28, HORIZONTAL ANGLES: 19
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.29 copyright 2003-2024 by jSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.