

**Filename: L1-RIGAJ0-1330C-OP-0**

Manufacturer: ZANIBONI

Luminaire: L1-RIGAJ0-1330C-OP-0

Luminaire Cat: L1-RIGAJ0-1330C-OP-0

Lamp: LED

Lamp Cat: LED

Lamp Output: 1 lamp, rated Lumens/lamp: 989.7

Max Candela: 383.3 at Horizontal: 0°, Vertical: 0°

Input Wattage: 11.4

Luminous Opening: Rectangle w/Luminous Sides (L: 0.87", W: 22.05", H: 0.04")

Test: L1-RIGAJ0-1330C-OP-0

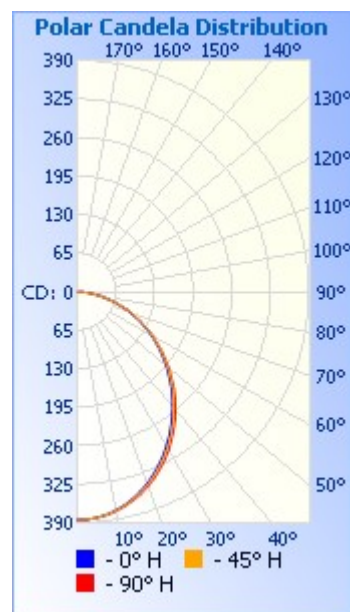
Test Date: 10 Jul 2024

Test Lab: ZANIBONI

FLASHAREA: 0.003524

Photometry : Type C

Nema Type: 7 X 7

**Roadway Summary**

Cutoff Classification:	CUTOFF	
Distribution:	Type VS	
Max Cd, 90 Deg Vert:	3.9	
Max Cd, 80 to <90 Deg:	39.5	
	Lumens	% Lamp
Downward Street Side:	494.6	50%
Downward House Side:	494.6	50%
Downward Total:	989.3	100%
Total Lumens:	989.3	100%

**Zonal Lumen Summary**

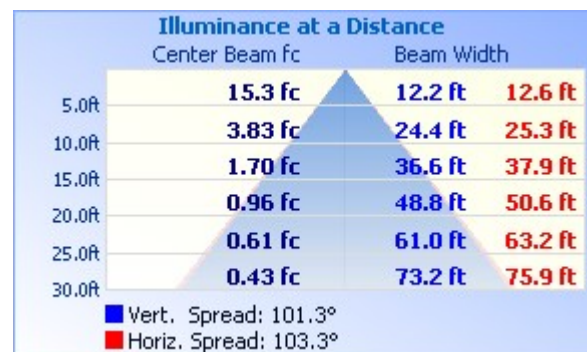
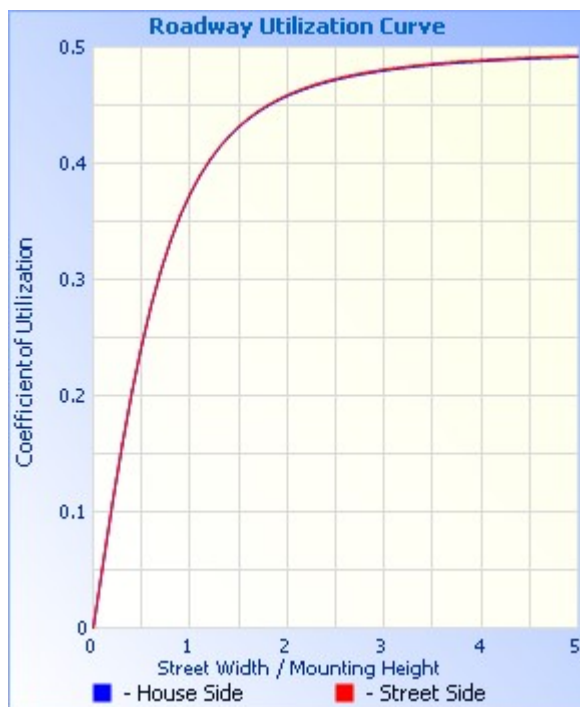
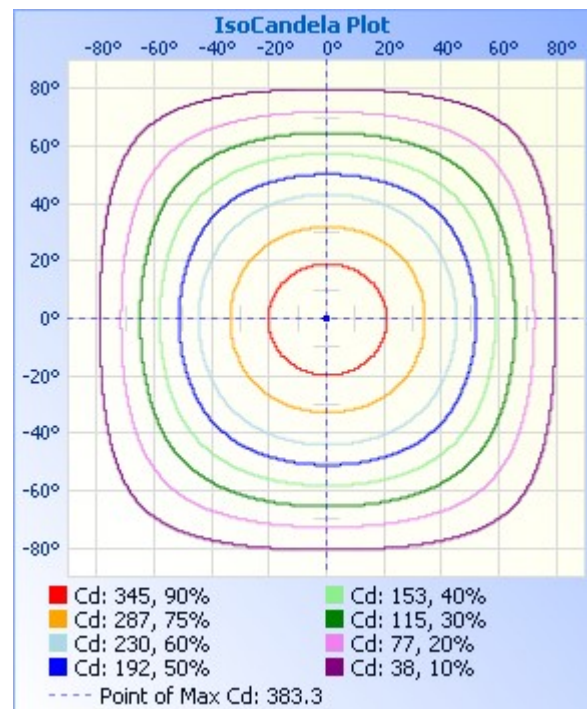
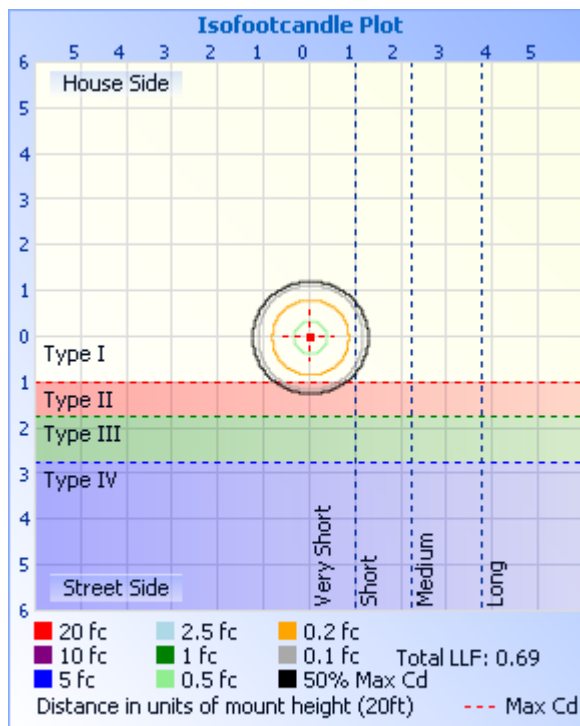
Zone	Lumens	% Lamp	% Luminaire
0-30	287.3	29%	29.1%
0-40	461.2	46.6%	46.6%
0-60	788.0	79.6%	79.7%
60-90	201.0	20.3%	20.3%
0-90	989.0	99.9%	100%

**Flood Summary**

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	97.9%	968.7	158.5	160.6
Beam (50%):	66.2%	655.5	103.3	101.3
Total:	99.9%	988.8		

**Lumens Per Zone**

Zone	Lumens	% Total
0-10	36.1	3.6%
10-20	101.7	10.3%
20-30	149.6	15.1%
30-40	173.8	17.6%
40-50	174.0	17.6%
50-60	152.8	15.5%
60-70	114.9	11.6%
70-80	66.2	6.7%
80-90	19.8	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	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383
2.5	383	383	383	383	383	383	383	382	383	383	383	383	382	382	383	383	383	383	383
5	381	380	381	381	380	381	381	381	381	381	381	381	381	381	381	381	381	381	381
7.5	377	377	377	377	377	378	378	377	377	378	378	378	378	378	378	378	378	378	378
10	372	372	372	373	373	373	373	373	373	373	374	374	374	374	374	374	374	374	374
12.5	367	367	367	367	367	367	367	367	368	368	368	368	368	368	369	369	369	369	369
15	359	359	359	360	360	360	360	360	361	361	361	362	362	362	362	362	362	363	363
17.5	351	351	352	352	352	352	353	353	353	353	354	354	354	354	355	355	355	355	356
20	342	342	342	343	343	343	344	344	344	344	345	346	346	346	346	347	347	347	347
22.5	332	332	332	333	333	334	334	335	335	335	336	336	337	337	337	338	338	338	338
25	322	322	322	322	322	323	324	324	324	325	326	326	327	327	327	328	328	328	328
27.5	311	310	311	311	312	312	313	313	314	314	315	315	316	316	316	317	317	318	318
30	299	299	299	299	300	300	301	301	302	302	303	304	304	305	305	306	306	306	306
32.5	286	287	287	287	288	288	289	289	290	290	291	292	293	293	293	294	294	294	294
35	274	274	274	275	275	276	276	277	277	278	279	280	280	280	280	282	282	282	282
37.5	261	261	261	262	262	263	263	264	265	265	266	267	268	268	268	269	269	269	269
40	248	248	249	249	249	250	250	251	252	252	253	254	254	255	254	256	256	256	256
42.5	235	235	236	236	236	237	237	238	239	239	240	241	241	241	241	242	242	243	243
45	222	222	222	223	223	223	224	225	225	225	226	227	228	228	228	228	229	229	229
50	195	195	195	196	196	197	197	198	198	199	199	200	201	200	201	201	201	201	201
55	168	168	169	169	169	170	170	170	171	171	171	172	173	173	173	173	173	173	173
60	142	142	142	142	142	143	143	143	143	144	144	145	145	145	145	145	144	145	144
65	115	115	115	115	115	116	116	116	116	116	116	117	117	117	117	117	116	117	116
70	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	88	88	88
75	63	63	63	63	63	63	63	63	63	62	62	62	62	62	62	61	61	61	60
80	39	40	39	39	39	39	39	39	38	38	38	37	37	37	36	36	35	35	35
85	19	19	18	18	18	18	18	17	17	17	16	16	16	15	15	15	14	14	14
90	4	4	4	4	4	3	3	3	3	2	2	2	1	1	1	1	0	0	0

**Luminaire Report Summary**

IESNA: L1-RIGAJ0-1330C-OP-0  
[TEST] L1-RIGAJ0-1330C-OP-0  
[TESTLAB] ZANIBONI  
[TESTDATE] 10 Jul 2024  
[ISSUEDATE] 10 Jul 2024  
[MANUFAC] ZANIBONI  
[LUMCAT] L1-RIGAJ0-1330C-OP-0  
[LUMINAIRE] L1-RIGAJ0-1330C-OP-0  
[FLASHAREA] 0.003524  
[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

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Reported data calculated from manufacturer's data file, based on IES recommended methods.