

**Filename: L1-RIGAJ0-1830C-OP-0**

Manufacturer: L1-RIGAJ0-1830C-OP-0

Luminaire: L1-RIGAJ0-1830C-OP-0

Luminaire Cat: L1-RIGAJ0-1830C-OP-0

Lamp: LED

Lamp Cat: LED

Lamp Output: 1 lamp, rated Lumens/lamp: 1484.6

Max Candela: 574.9 at Horizontal: 0°, Vertical: 0°

Input Wattage: 17.2

Luminous Opening: Rectangle w/Luminous Sides (L: 0.87", W: 33.07", H: 0.04")

Test: L1-RIGAJ0-1830C-OP-0

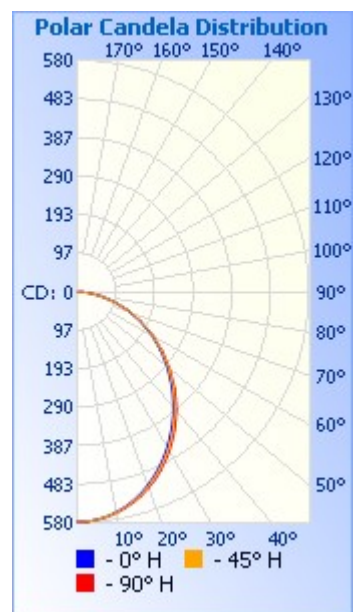
Test Date: 10 Jul 2024

Test Lab: ZANIBONI

FLASHAREA: 0.005286

Photometry : Type C

Nema Type: 7 X 7

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	5.9
Max Cd, 80 to <90 Deg:	59.3
	Lumens % Lamp
Downward Street Side:	742.0 50%
Downward House Side:	742.0 50%
Downward Total:	1,483.9 100%
Total Lumens:	1,483.9 100%

Zonal Lumen Summary

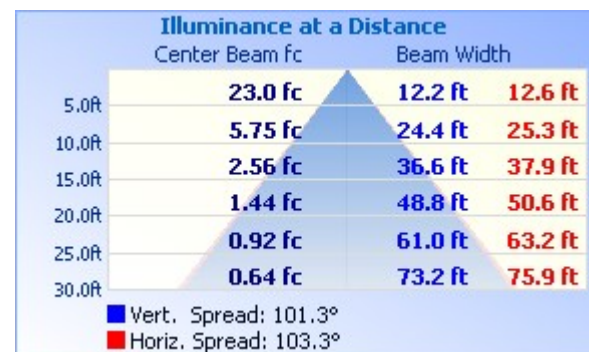
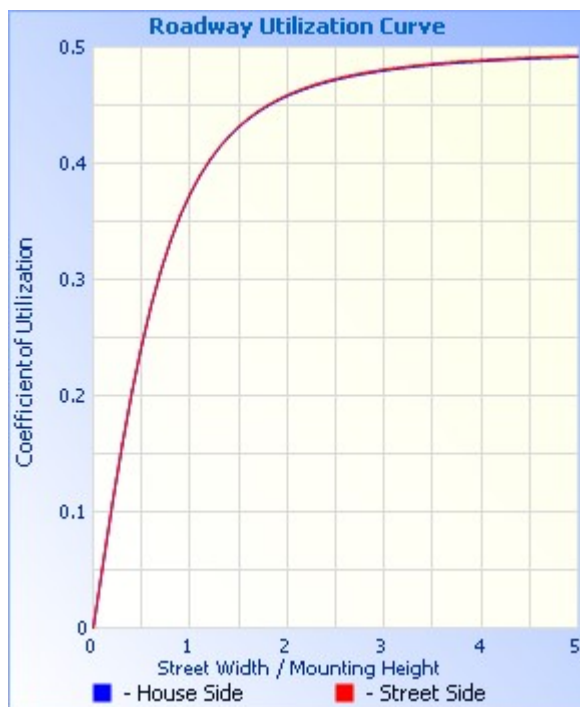
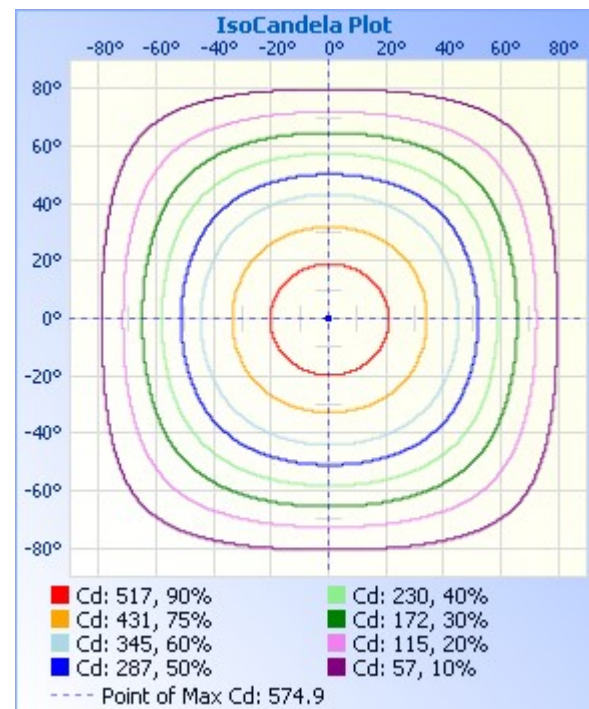
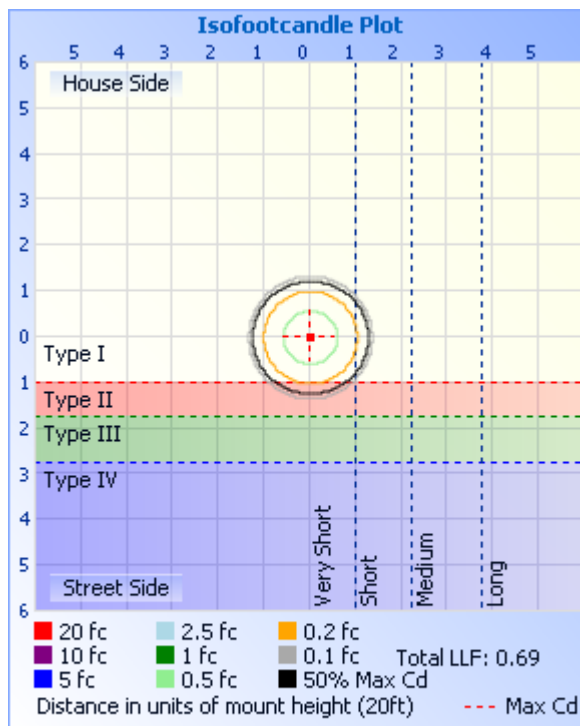
Zone	Lumens	% Lamp	% Luminaire
0-30	431.0	29%	29.1%
0-40	691.8	46.6%	46.6%
0-60	1,182.1	79.6%	79.7%
60-90	301.5	20.3%	20.3%
0-90	1,483.5	99.9%	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	97.9%	1,453.0	158.5	160.6
Beam (50%):	66.2%	983.2	103.3	101.3
Total:	99.9%	1,483.3		

Lumens Per Zone

Zone	Lumens	% Total
0-10	54.1	3.6%
10-20	152.5	10.3%
20-30	224.3	15.1%
30-40	260.8	17.6%
40-50	261.1	17.6%
50-60	229.2	15.5%
60-70	172.4	11.6%
70-80	99.3	6.7%
80-90	29.7	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	50	30	20	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	1.00			
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.97	.94	.91	.94	.91	.89	.90	.88	.86	.84			
2	.99	.91	.84	.78	.96	.89	.83	.71	.85	.80	.76	.82	.78	.74	.79	.76	.72	.70			
3	.90	.80	.72	.65	.88	.78	.71	.61	.75	.69	.64	.73	.67	.63	.70	.65	.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	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575
2.5	574	574	574	574	574	574	574	574	574	574	574	574	574	574	574	574	574	574	574
5	571	571	571	571	571	571	571	571	571	571	571	571	571	571	571	571	571	571	571
7.5	566	566	566	566	566	566	566	566	566	566	567	567	567	567	567	567	567	568	567
10	559	558	558	559	559	560	559	560	560	560	560	561	561	561	561	561	561	561	561
12.5	550	550	550	550	551	551	551	551	551	552	552	552	552	552	553	553	553	553	553
15	539	539	539	540	540	540	541	540	541	541	542	543	542	543	543	543	544	544	544
17.5	527	527	527	528	528	528	529	529	530	530	531	531	532	532	532	533	533	533	534
20	513	513	513	514	514	515	515	516	516	517	518	519	519	519	519	520	520	521	521
22.5	498	498	499	499	500	501	501	502	502	503	504	505	505	505	506	507	507	507	507
25	482	483	483	484	484	484	485	486	486	487	488	490	490	490	490	492	492	492	492
27.5	466	466	466	467	467	468	469	469	470	471	472	473	474	474	474	476	476	477	476
30	448	448	449	449	450	451	451	452	453	454	455	456	457	457	457	459	459	459	459
32.5	430	430	430	431	431	432	433	434	435	435	437	439	439	439	439	441	441	442	441
35	411	411	411	412	412	414	414	416	416	417	418	420	420	420	420	422	422	423	423
37.5	392	392	392	393	393	394	395	396	397	397	399	401	401	401	401	403	403	404	403
40	372	372	373	374	374	375	376	377	378	378	380	381	382	382	382	383	383	384	384
42.5	353	353	353	354	354	355	356	357	358	358	360	362	362	362	362	363	364	364	364
45	333	333	333	334	335	335	336	337	338	338	340	341	342	342	342	343	343	344	344
50	293	293	293	294	294	295	296	296	297	298	299	300	301	301	301	301	301	302	301
55	252	252	253	253	254	254	255	255	256	256	257	258	259	259	259	259	259	259	259
60	212	212	213	213	213	214	214	215	215	215	216	217	218	218	217	217	217	217	217
65	172	173	173	173	173	173	174	174	174	174	175	175	175	175	175	175	175	175	174
70	133	133	133	134	134	134	134	134	134	134	134	134	134	134	133	133	133	133	132
75	95	95	95	95	95	95	95	94	94	94	94	93	93	93	92	92	91	91	90
80	59	59	59	59	59	59	58	58	57	57	56	56	55	55	54	54	53	53	52
85	28	28	28	28	27	27	27	26	26	25	24	24	23	23	22	22	21	21	20
90	6	6	6	6	5	5	5	4	4	3	3	3	2	2	1	1	1	0	0

Luminaire Report Summary

IESNA: L1-RIGAJ0-1830C-OP-0
[TEST] L1-RIGAJ0-1830C-OP-0
[TESTLAB] ZANIBONI
[TESTDATE] 10 Jul 2024
[ISSUEDATE] 10 Jul 2024
[MANUFAC] L1-RIGAJ0-1830C-OP-0
[LUMCAT] L1-RIGAJ0-1830C-OP-0
[LUMINAIRE] L1-RIGAJ0-1830C-OP-0
[FLASHAREA] 0.005286
[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.