

Photometrics Pro

Luminaire Photometric Report

- [Evaluation Version]

Filename: LSR-4-30-MVD-835

Manufacturer: Globalux Lighting

Luminaire Cat: LED Strip Retrofit Kit

Lamp Output: 1 lamp, rated Lumens/lamp: 4085.1

Max Candela: 1,188.5 at Horizontal: 270°, Vertical: 5°

Input Wattage: 31.11

Luminous Opening: Point

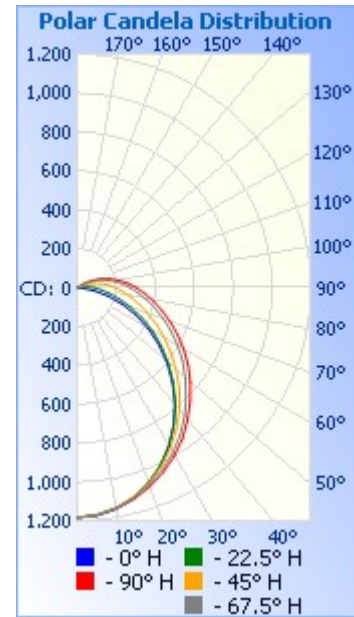
Test: RKS B190819010-10

Test Lab: Bacl

Photometry : Type C

CIE Class: Direct

Cutoff Class: Noncutoff

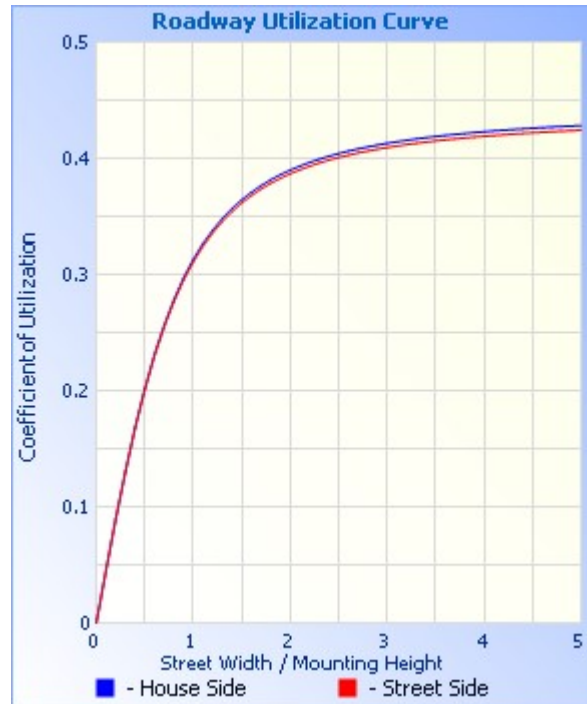


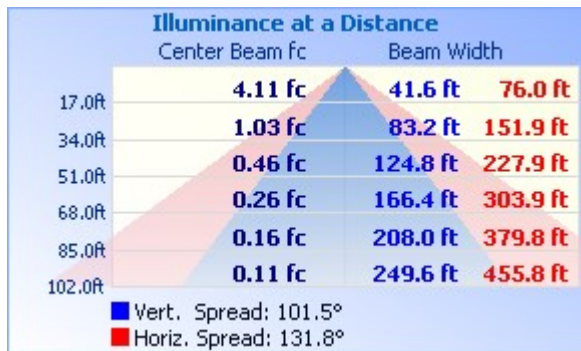
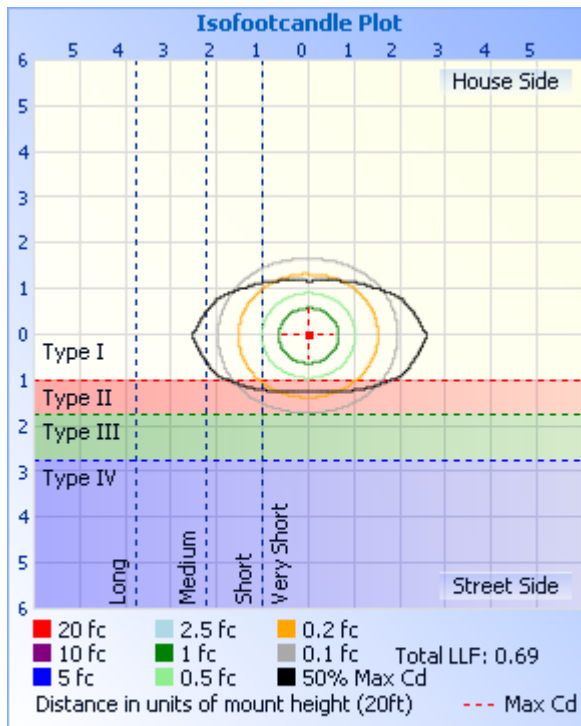
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	911.2	22.3%	22.3%
0-40	1,485.6	36.4%	36.4%
0-60	2,638.5	64.6%	64.6%
60-90	1,093.5	26.8%	26.8%
70-100	802.5	19.6%	19.7%
90-120	335.1	8.2%	8.2%
0-90	3,732.0	91.4%	91.4%
90-180	349.9	8.6%	8.6%
0-180	4,081.9	99.9%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	112.0	2.7%	90-100	179.5	4.4%
10-20	319.3	7.8%	100-110	106.8	2.6%
20-30	479.8	11.8%	110-120	48.9	1.2%
30-40	574.4	14.1%	120-130	12.7	0.3%
40-50	597.0	14.6%	130-140	0.7	0%
50-60	555.9	13.6%	140-150	0.2	0%
60-70	470.5	11.5%	150-160	0.5	0%
70-80	362.9	8.9%	160-170	0.5	0%
80-90	260.1	6.4%	170-180	0.2	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	1.17	1.17	1.17	1.17	1.13	1.13	1.13	.91	1.06	1.06	1.06	1.00	1.00	1.00	.94	.94	.94	.91
1	1.04	.99	.94	.89	1.01	.96	.91	.73	.90	.86	.82	.84	.81	.78	.79	.77	.75	.72
2	.94	.85	.78	.71	.91	.82	.76	.60	.77	.72	.67	.73	.68	.64	.69	.65	.61	.58
3	.86	.74	.65	.58	.82	.72	.64	.50	.68	.61	.55	.64	.58	.53	.60	.55	.51	.49
4	.78	.66	.56	.49	.75	.64	.55	.43	.60	.53	.47	.57	.50	.45	.53	.48	.44	.41
5	.72	.58	.49	.42	.69	.57	.48	.37	.54	.46	.40	.51	.44	.39	.48	.42	.38	.35
6	.66	.52	.43	.37	.64	.51	.42	.33	.48	.41	.35	.46	.39	.34	.43	.38	.33	.31
7	.61	.48	.39	.32	.59	.46	.38	.29	.44	.36	.31	.42	.35	.30	.40	.34	.29	.27
8	.57	.43	.35	.29	.55	.42	.34	.26	.40	.33	.28	.38	.32	.27	.36	.31	.26	.24
9	.53	.40	.31	.26	.51	.39	.31	.23	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22
10	.50	.37	.29	.23	.48	.36	.28	.21	.34	.27	.23	.33	.26	.22	.31	.26	.22	.20

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Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
0	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187
5	1181	1178	1176	1176	1177	1177	1177	1178	1179	1182	1185	1188	1188	1187	1184	1182	1181
10	1159	1155	1154	1155	1158	1157	1155	1157	1157	1164	1171	1177	1180	1177	1170	1162	1159
15	1124	1120	1120	1124	1130	1128	1122	1121	1120	1131	1145	1157	1163	1157	1144	1130	1124
20	1076	1071	1076	1085	1094	1090	1080	1074	1070	1086	1107	1127	1136	1127	1106	1085	1076
25	1016	1012	1021	1038	1051	1044	1026	1015	1008	1029	1059	1087	1101	1088	1058	1028	1016
30	945	944	959	984	1002	991	966	948	937	962	1002	1041	1059	1041	1001	963	945
35	866	867	891	926	948	935	899	870	858	887	937	986	1011	989	938	888	866
40	784	786	819	861	886	872	829	790	787	808	867	927	957	931	869	807	784
45	695	701	746	794	824	805	757	716	685	724	793	862	895	866	798	725	695
50	605	615	666	727	761	738	679	620	594	636	717	793	833	798	725	640	605
55	514	531	590	663	698	674	605	536	508	552	639	726	767	732	650	556	514
60	423	448	519	597	634	608	536	452	409	465	564	660	704	669	578	472	423
65	332	368	453	534	570	544	470	373	320	384	496	596	640	605	511	395	332
70	246	291	388	474	509	483	407	301	233	306	432	533	578	540	446	320	246
75	163	226	331	416	452	426	348	237	151	238	371	474	518	480	387	255	163
80	90	168	281	364	399	373	296	179	78	180	317	418	460	424	333	198	90
85	31	122	236	317	351	324	250	133	24	132	270	370	408	374	285	151	31
90	0	87	198	273	306	280	210	100	0	97	230	322	360	328	243	115	0
95	0	57	163	234	262	239	173	68	0	70	193	279	313	284	205	88	0
100	0	30	124	193	219	198	135	40	0	41	157	238	269	243	171	57	0
105	0	6	89	152	175	156	98	13	0	16	115	192	224	198	128	32	0
110	0	0	54	114	135	117	63	0	0	0	82	147	172	152	94	8	0
115	0	0	24	76	94	78	30	0	0	0	50	110	132	116	62	0	0
120	0	0	1	40	58	43	4	0	0	0	19	75	95	80	30	0	0
125	0	0	0	10	24	12	0	0	0	0	0	39	59	46	5	0	0
130	0	0	0	0	2	0	0	0	0	0	0	10	26	15	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0
150	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0
155	1	1	1	1	2	2	2	1	0	1	1	1	1	1	1	1	1
160	2	1	2	2	2	2	2	2	0	1	1	1	2	2	2	2	2
165	1	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	1
170	1	2	2	2	2	2	2	2	1	2	2	2	2	3	2	3	1
175	2	2	2	2	3	3	2	2	1	2	2	2	2	3	3	3	2
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Photometrics Pro - Evaluation Version**Luminaire Report Summary**

IESNA:LM-63-2002
[TEST] RKS190819010-10
[ISSUEDATE] 2019-9-5 14:34
[MANUFAC] Globalux Lighting
[LUMCAT] LED Strip Retrofit Kit
[LUMINAIRE]
[LAMPCAT]
[LAMP]
[_VOLTAGE] 120.0 V
[_CURRENT] 0.260 A
[_POWERFACTOR] 0.995
[TESTLAB] Bacl
[_TESTINST] GPM-3000
[_TESTDIST] 14.073 m
[_TESTTEMPERATURE] 24.9 'C
[_TESTHUMIDITY] 48
[_TESTOPERATOR] KOBE
[BALLAST]
[BALLASTCAT]
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 17
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.