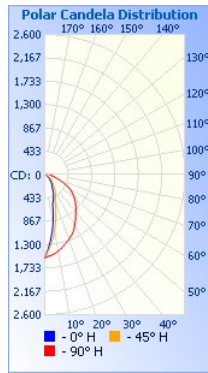


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Luminaire Photometric Report

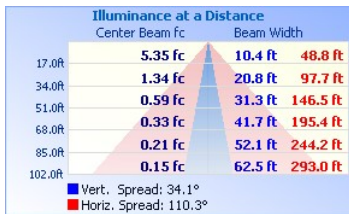
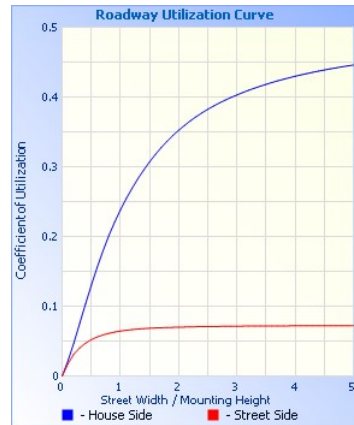
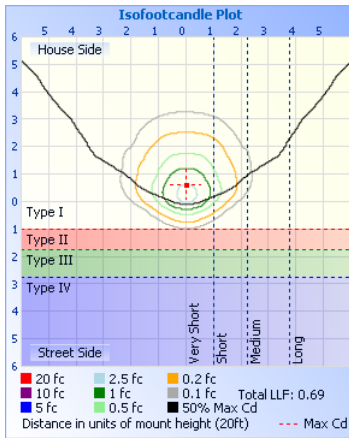
- [Evaluation Version]

Filename: LWP-60-MV-850
Manufacturer: Globalux Lighting
Lamp: 3030 LED
Lamp Output: 1 lamp, rated Lumens/lamp: 7402.9
Max Candela: 2,546.1 at Horizontal: 180°, Vertical: 30°
Input Wattage: 64.4
Luminous Opening: Point
Test: 1
Test Date: 2016-10-28
Test Lab: EVERFINE
Photometry: Type B
CIE Class: Direct
Cutoff Class: Noncutoff
Nema Type: 7 X 4



Zone	Lumens	% Lamp	% Luminaire
0-30	1,123.2	15.2%	18.4%
0-40	1,856.1	25.1%	30.5%
0-60	3,533.2	47.7%	58%
60-90	2,555.2	34.5%	42%
0-90	6,088.5	82.2%	100%

Zone	Lumens	% Total
0-10	141.2	2.3%
10-20	387.9	6.4%
20-30	594.1	9.8%
30-40	732.9	12.0%
40-50	803.3	13.2%
50-60	873.8	14.4%
60-70	911.5	15.0%
70-80	874.8	14.4%
80-90	769.0	12.6%



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	50	30	20	0
RCR: 0	.98	.98	.98	.98	.96	.96	.96	.82	.91	.91	.91	.87	.87	.87	.84	.84	.84	.84	.84	.84	.82
1	.85	.79	.73	.69	.82	.77	.72	.60	.73	.69	.65	.70	.66	.63	.66	.64	.61	.64	.61	.59	.59
2	.75	.66	.59	.52	.73	.65	.58	.47	.61	.55	.50	.58	.54	.49	.56	.52	.48	.46	.46	.46	.46
3	.68	.57	.48	.42	.65	.55	.48	.39	.53	.46	.41	.50	.45	.40	.48	.43	.39	.37	.37	.37	.37
4	.62	.50	.41	.34	.59	.48	.40	.32	.46	.39	.34	.44	.38	.33	.42	.37	.33	.30	.30	.30	.30
5	.56	.44	.35	.29	.54	.43	.35	.28	.41	.34	.28	.39	.33	.28	.38	.32	.28	.26	.26	.26	.26
6	.52	.39	.31	.25	.50	.39	.31	.24	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22	.22	.22	.22
7	.48	.36	.27	.22	.46	.35	.27	.21	.33	.27	.22	.32	.26	.21	.31	.25	.21	.19	.19	.19	.19
8	.45	.32	.25	.19	.43	.32	.24	.19	.31	.24	.19	.29	.23	.19	.28	.23	.19	.17	.17	.17	.17
9	.42	.30	.22	.17	.40	.29	.22	.17	.28	.22	.17	.27	.21	.17	.26	.21	.17	.15	.15	.15	.15
10	.39	.27	.20	.16	.38	.27	.20	.15	.26	.20	.15	.25	.19	.15	.24	.19	.15	.14	.14	.14	.14

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Candela Table - Type B

	-90	-89	-88	-87	-86	-85	-84	-83	-82	-81	-80	-79	-78	-77	-76	-75	-74	-73	-72	-71	-70	-69	-68	-67	-66	-65	-64	-63	-62	-61	-60	-59	-58	-57	-56	-55	-54	-53	-52	-51	-50	-49
90	103	101	99	98	92	82	69	53	43	38	36	35	35	35	35	35	35	35	35	35	35	35	35	35	35	34	34	34	33	32	32	31	30	29	28	28	27	27	27	26		
85	107	106	105	104	103	101	99	95	87	76	62	53	48	47	46	46	46	46	46	46	46	46	46	46	46	46	45	45	44	43	42	41	40	39	38	37	36	35	34	33	32	
80	105	104	103	101	98	93	84	72	63	59	57	57	57	57	57	57	57	57	56	56	56	56	55	54	53	52	51	49	48	47	45	44	42	41	39	38	37	36	35	34		
75	109	108	107	107	106	104	103	101	98	92	81	73	69	68	68	68	69	69	69	68	68	67	67	67	66	66	65	64	63	61	59	58	56	54	52	50	48	47	45	44	42	
70	108	108	107	105	104	102	98	91	85	82	81	81	82	82	83	83	83	82	82	81	81	81	80	79	78	77	76	74	72	71	69	67	65	63	61	59	57	55	53	52	50	48
65	109	109	109	109	109	108	107	106	104	101	97	95	94	94	95	96	97	97	97	97	96	96	95	94	94	93	92	90	89	87	85	83	81	79	77	75	73	70	68	66	64	
60	111	111	111	110	110	111	111	111	110	108	108	109	110	110	111	111	111	110	110	109	108	107	106	105	103	102	100	98	96	94	92	90	87	85	82	80	78	75	73	71	70	
55	109	110	111	112	112	113	114	114	115	115	115	115	116	117	118	120	121	121	121	121	121	121	121	120	120	119	118	117	116	115	114	112	110	109	108	106	104	101	99	97		
50	112	114	115	117	118	119	120	120	121	122	123	124	125	127	129	130	131	131	132	132	132	133	133	133	133	133	132	132	132	131	130	129	129	128	127	125	123	121	119	118	117	116
45	108	110	112	113	115	118	120	122	124	124	125	127	129	131	132	134	136	138	140	141	142	142	143	144	145	146	146	147	147	148	148	149	149	148	148	148	148	148	146	144	142	142
40	114	116	120	123	125	128	130	132	134	136	139	141	144	146	149	151	153	155	156	158	159	161	163	164	165	166	166	167	169	170	170	170	171	171	172	171	170	169	169	169	168	168
35	106	109	112	114	117	121	125	129	132	135	138	141	144	147	151	153	157	160	163	166	168	170	172	175	177	179	181	183	184	185	186	188	190	192	192	194	195	195	196	196	196	
30	115	118	123	128	132	136	140	145	148	151	156	160	163	167	171	174	178	181	184	187	190	193	196	198	201	203	203	205	208	211	213	215	217	218	219	221	222	223	224	224	225	227
25	104	107	111	114	118	123	128	133	138	144	149	153	158	164	169	173	178	183	188	193	197	201	205	210	215	221	225	229	233	236	241	247	252	255	259	262	266	269	273	276	278	281
20	114	118	124	129	135	141	147	153	159	165	172	178	184	189	195	201	207	213	218	224	230	238	245	251	257	263	269	278	285	292	298	303	307	313	318	324	330	333	338	346	352	356
15	100	105	109	113	118	124	130	136	143	150	157	164	171	180	187	194	200	207	214	222	229	235	242	251	260	270	278	285	293	303	314	324	333	340	347	353	361	368	376	384	389	396
10	113	119	125	132	139	147	155	164	173	181	190	200	210	220	231	242	255	266	278	292	307	322	339	356	369	381	397	412	424	439	452	463	472	483	493	503	515	523	532	545	554	562
5	100	104	109	114	120	127	134	143	152	161	171	181	191	201	213	226	239	254	271	288	304	321	341	363	385	409	434	453	469	490	510	524	545	563	579	591	604	618	630	646	657	668
0	114	121	129	137	146	156	166	178	190	201	212	226	242	259	278	300	321	341	364	391	419	447	479	513	537	557	584	608	624	651	675	695	711	726	743	757	777	791	805	823	831	844
-5	100	104	108	113	120	128	137	147	159	171	184	198	213	228	245	265	288	313	341	371	400	432	467	502	538	575	612	643	669	697	722	741	765	787	808	827	846	868	886	904	922	941
-10	111	118	128	138	149	163	176	190	206	224	243	264	289	316	348	383	421	459	500	544	585	628	671	711	748	782	810	835	859	879	899	921	943	965	993	1016	1032	1053	1076	1094	1110	1139
-15	100	103	105	110	117	127	138	151	166	181	197	215	235	258	284	312	345	383	425	472	518	568	620	669	719	767	810	853	895	922	948	976	994	1011	1034	1059	1085	1118	1145	1159	1185	1212
-20	110	118	128	140	154	171	187	205	227	250	276	306	341	382	427	478	533	584	638	692	742	793	842	886	925	962	988	1015	1046	1070	1091	1112	1136	1164	1194	1219	1238	1260	1284	1307	1335	1366
-25	96	100	104	110	118	129	143	158	175	193	214	239	265	294	329	371	419	471	531	594	651	708	764	815	866	918	962	997	1029	1054	1082	1117	1147	1171	1191	1213	1243	1269	1293	1316	1336	1357
-30	109	119	130	145	162	180	200	223	250	280	312	352	400	456	515	584	655	718	778	836	889	939	993	1038	1069	1096	1120	1149	1187	1223	1251	1269	1290	1323	1344	1367	1395	1412	1429	1459	1504	1524
-35	94	98	102	108	117	129	143	161	180	201	226	254	285	322	367	420	480	543	611	681	746	808	867	922	971	1018	1058	1087	1113	1140	1170	1208	1242	1259	1265	1276	1303	1333	1363	1388	1404	1420
-40	106	115	127	142	160	180	202	229	258	291	332	382	440	503	570	639	708	774	837	898	956	1003	1042	1079	1104	1130	1161	1190	1230	1261	1267	1261	1262	1284	1322	1358	1381	1396	1411	1426	1450	1462
-45	93	96	100	104	113	125	140	159	179	204	231	262	297	342	397	460	527	597	666	735	802	866	929	989	1035	1067	1099	1121	1147	1181	1211	1251	1279	1276	1256	1248	1265	1311	1353	1374	1388	1401
-50	104	112	125	140	159	180	205	233	265	301	346	402	463	529	598	666	735	800	865	929	986	1029	1060	1090	1117	1147	1180	1215	1256	1284	1288	1278	1276	1299	1338	1374	1402	1419	1453	1493	1519	1530
-55	91	95	98	103	112	124	140	159	181	206	235	267	305	351	406	466	532	599	667	735	799	863	929	984	1022	1052	1081	1112	1148	1180	1219	1262	1290	1300	1300	1304	1333	1365	1396	1429	1451	1504
-60	102	111	124	140	158	181	207	237	270	309	356	410	470	534	600	668	735	798	862	929	981	1016	1045	1071	1107	1149	1179	1224	1267	1295	1313	1321	1332	1367	1392	1417	1457	1482	1556	1660	1711	1730
-65	90	93	96	101	109	121	136	154	176	201	230	262	299	343	395	452	514	577	643	707	768	827	886	938	977	1006	1034	1068	1099	1131	1172	1207	1234	1253	1264	1278	1307	1328	1346	1372	1398	1455
-70	100	108	119	133	150	170	194	222	253	288	330	379	435	494	554	618	679	738	791	843	895	938	968	997	1028	1049	1082	1120	1147	1173	1194	1206	1224	1247	1264	1276	1287	1313	1354	1407	1441	1452
-75	90	93	95	99	106	116	130	146	165	188	215	244	278	317	364	418	474	531	593	652	707	755	800	852	899	929	960	988	1000	1033	1068	1087	1112	1134	1149	1170	1187	1201	1206	1202	1228	1252
-80	98	105	115	128	143	161	182	207	234	265	301	343	392	443	494	549																										

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

IESNA:LM-63-2002
[TEST] 1
[TESTLAB] EVERFINE
[TESTDATE] 2016-10-28
[ISSUEDATE] 2016-10-28 14:47:07
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC] Globalux Lighting
[LUMCAT]
[LAMP] 3030 LED
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 181
FILE: COORDINATE SYSTEM: TYPE B
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.