



IES LM-79-19

MEASUREMENT AND TEST REPORT

For

GREEN CREATIVE LTD

Room 3603, Level 36, Tower 1, Enterprise Square Five, 38 Wang Chiu Road, Kowloon Bay, KL, Hong Kong

Test Model:

PXCYL2/SM/LES9027/KDIM010UNV/MD/WH/WH

Report Type:	Electrical and Photometric tests including: Luminous Flux, Luminous Intensity Distribution
Reviewed By:	Hexy He <i>Hexy He</i>
Report Number:	KS2211116-58795E-10-3
Test Date:	2021-11-22
Report Date:	2021-12-17
Approved by:	Blake Zhang / EE Engineer
Prepared By:	Bay Area Compliance Laboratories Corp. (Dongguan). No.12, Pulong East 1 st Road, Tangxia Town, Dongguan, Guangdong, China. Tel: +86-0769-86858888 Fax: +86-0769-86858588

1. Product Description

General Information:

One test sample was in good condition and received on 2021-11-16, and used for testing.

Model Tested:	PXCYL2/SM/LES9027/KDIM010UNV/MD/WH/WH
Manufacturer:	GREEN CREATIVE LTD
Brand Name:	GREEN CREATIVE
Product Designation:	LED Surface Downlight
Burning Time Before Test:	0hour(For New Products)

#Rated Values:

Rated Voltage/Frequency:	120-277 V AC 50/60Hz
Rated Power:	13W
Nominal CCT:	2700K
Nominal Lumen Output:	1140lm

2. Standards Used

- ANSI/IES LM-79-19: Approved method :Optical and Electrical Measurements of Solid-State Lighting Products

3. Description of Test Equipment

Device	Manufacture	Model No	Serial No	Calibration date	Calibration due date
AC POWER SUPPLY	EVERFINE	VPS1030 PWM	1012017	2021-01-04	2022-01-03
Digital CC&CV DC Power Supply	EVERFINE	WY12010	1009009	2021-01-04	2022-01-03
Digital power meter	YOKOGAWA	WT-210	91j926132	2021-01-04	2022-01-03
full-field speed goniophotometer	EVERFINE	GO-R5000	YG108492N10120001	2021-03-12	2022-03-11
wireless remote thermohygrometer	N/A	433MHz	N/A	2021-04-27	2022-04-26
Standard Light Source	EVERFINE	D908	1012003	2021-10-15	2022-10-14

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attested that all calibration has been performed using suitable standards traceable to National Primary Standards and International System of Units (SI).

4. Test Method

Product was tested with no seasoning. All stabilization and measurements were made in compliance with ANSI/IES LM-79-19. The product was operated at rated voltage or at voltage required by manufacturer. The ambient temperature of the sample was maintained at 25°C±1.2°C during measurement. And relative humidity is maintained between 10% and 65%.The air flow around the SSL product is less than 0.2m/s.

Goniophotometer System

The goniophotometer system is calibrated by standard light source before measurement.

Type C goniophotometer was used for measuring total luminous flux, luminous intensity distribution, and color spatial uniformity. The product was operated in its intended orientation in application and was recorded in this report. For luminous intensity distribution, The vertical angle (γ) test intervals were set no more than 2.5 degree ,The horizontal angle (C plane) test intervals were set no more than 22.5 degree. For color spatial uniformity, The vertical angle (γ) test

intervals were set no more than 90 degree ,The horizontal angle (C plane) test intervals were set no more than 10 degree

The uncertainty of the luminous intensity is $U=2.00\%$ ($K=2$), at the 95% confidence level.

5. Test Result

[Goniophotometer System]

Total operating time for luminous intensity distribution: **1.5 hour**

Test orientation: **Downward**

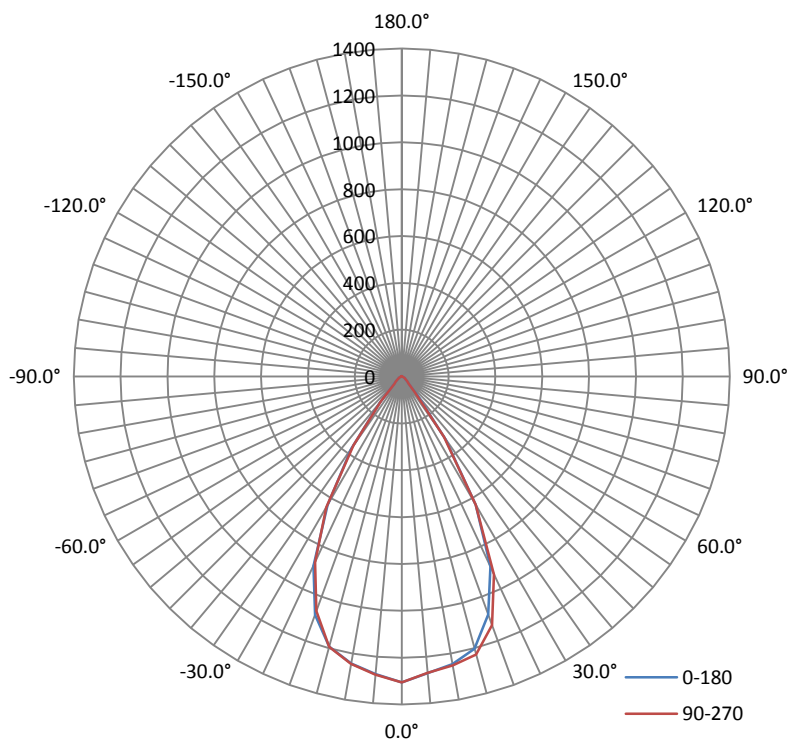
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.1	60	0.1046	12.43	0.9897

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I _{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
1163.83	93.63	1309	0.87	0.87

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I _{max}):	59.3	59.5	59.4	59.5	59.4
Field Angle (10% I _{max}):	79.9	79.3	79.2	80.0	79.6

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0°	1305	1305	1305	1305	1305	1305	1305	1305
1°	1302	1301	1304	1302	1309	1303	1307	1307
2°	1296	1296	1295	1297	1302	1301	1306	1308
3°	1288	1288	1287	1289	1292	1295	1294	1296
4°	1279	1279	1278	1282	1284	1285	1284	1285
5°	1274	1274	1273	1273	1277	1277	1277	1273
6°	1265	1262	1265	1265	1269	1267	1268	1267
7°	1258	1257	1259	1260	1264	1261	1261	1264
8°	1253	1252	1253	1255	1258	1255	1257	1256
9°	1248	1253	1249	1251	1251	1250	1252	1252
10°	1244	1246	1246	1247	1246	1246	1247	1247
11°	1237	1242	1243	1241	1242	1240	1245	1245
12°	1228	1233	1235	1233	1230	1233	1237	1237
13°	1219	1226	1230	1224	1219	1223	1223	1224
14°	1205	1213	1216	1208	1208	1206	1210	1206
15°	1194	1200	1201	1196	1194	1189	1192	1190
16°	1184	1185	1181	1179	1177	1169	1171	1172
17°	1165	1166	1164	1157	1158	1148	1149	1151
18°	1141	1140	1138	1130	1129	1120	1122	1127
19°	1113	1114	1113	1102	1099	1092	1096	1103
20°	1083	1082	1084	1070	1065	1062	1067	1077
21°	1050	1050	1048	1036	1031	1029	1038	1050
22°	1013	1013	1010	998	993	996	1005	1019
23°	976	971	970	959	955	960	971	988
24°	934	930	928	917	917	924	936	948
25°	891	886	883	876	876	886	899	911
26°	848	840	839	834	836	846	860	870
27°	798	794	792	788	792	805	817	824
28°	745	741	742	742	748	759	770	770
29°	690	690	689	692	699	708	716	717
30°	634	634	633	637	644	652	658	657
31°	582	581	579	582	588	597	596	595
32°	530	528	525	527	531	537	536	534
33°	478	475	471	472	475	477	476	473
34°	426	422	415	414	416	417	416	411
35°	376	369	361	360	359	359	359	357
36°	329	322	312	309	306	307	307	306
37°	283	276	266	262	259	260	261	260
38°	244	236	227	224	220	221	222	220
39°	202	198	192	190	185	186	185	185
40°	149	147	143	141	137	139	139	137
41°	113	109	104	100	99	99	100	98
42°	83	81	75	73	72	71	70	69
43°	63	62	58	63	62	61	61	60
44°	56	55	50	53	53	52	51	51
45°	49	48	43	43	43	42	41	42
46°	43	41	39	40	40	39	38	39
47°	40	38	37	37	38	37	36	37
48°	37	36	35	36	36	35	34	35

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
49°	35	34	33	34	35	33	32	33
50°	33	32	32	33	33	32	31	31
51°	31	30	30	31	31	30	29	29
52°	29	28	28	29	29	27	26	26
53°	25	25	25	26	26	24	23	23
54°	23	23	22	23	23	22	21	21
55°	21	21	21	21	21	20	20	20
56°	20	20	20	20	20	19	19	19
57°	19	19	19	19	19	18	18	19
58°	19	18	18	18	18	18	18	18
59°	18	17	17	18	18	17	17	17
60°	17	17	17	17	17	16	16	17
61°	16	16	16	16	16	16	16	16
62°	16	15	15	15	15	15	15	15
63°	15	15	15	15	14	14	14	14
64°	14	14	14	14	14	14	14	14
65°	13	13	13	13	13	13	13	13
66°	12	12	12	12	12	12	12	12
67°	12	12	12	12	12	12	12	12
68°	11	11	11	11	11	11	11	11
69°	11	11	10	10	11	11	11	11
70°	10	10	10	10	10	10	10	10
71°	10	9	9	9	9	9	9	10
72°	9	9	9	9	9	9	9	9
73°	9	8	8	8	8	8	8	8
74°	8	8	8	8	8	8	8	8
75°	7	7	7	7	7	7	7	7
76°	7	7	7	7	7	7	7	7
77°	6	6	6	6	6	6	6	6
78°	6	6	6	5	6	6	6	6
79°	5	5	5	5	5	5	5	5
80°	5	5	4	4	5	5	5	5
81°	4	4	4	4	4	4	4	4
82°	4	4	3	3	4	4	4	4
83°	3	3	3	3	3	3	3	3
84°	3	3	3	3	3	3	3	3
85°	2	2	2	2	2	2	2	2
86°	2	2	2	2	2	2	2	2
87°	1	1	1	1	1	2	2	2
88°	1	1	1	1	1	1	1	1
89°	1	1	1	1	1	1	1	1
90°	0	0	0	0	0	0	0	0
91°	0	0	0	0	0	0	0	0
92°	0	0	0	0	0	0	0	0
93°	0	0	0	0	0	0	0	0
94°	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0
96°	0	0	0	0	0	0	0	0
97°	0	0	0	0	0	0	0	0

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
98°	0	0	0	0	0	0	0	0
99°	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0
101°	0	0	0	0	0	0	0	0
102°	0	0	0	0	0	0	0	0
103°	0	0	0	0	0	0	0	0
104°	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0
106°	0	0	0	0	0	0	0	0
107°	0	0	0	0	0	0	0	0
108°	0	0	0	0	0	0	0	0
109°	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0
111°	0	0	0	0	0	0	0	0
112°	0	0	0	0	0	0	0	0
113°	0	0	0	0	0	0	0	0
114°	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0
116°	0	0	0	0	0	0	0	0
117°	0	0	0	0	0	0	0	0
118°	0	0	0	0	0	0	0	0
119°	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0
121°	0	0	0	0	0	0	0	0
122°	0	0	0	0	0	0	0	0
123°	0	0	0	0	0	0	0	0
124°	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0
126°	0	0	0	0	0	0	0	0
127°	0	0	0	0	0	0	0	0
128°	0	0	0	0	0	0	0	0
129°	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0
131°	0	0	0	0	0	0	0	0
132°	0	0	0	0	0	0	0	0
133°	0	0	0	0	0	0	0	0
134°	0	0	0	0	0	0	0	0
135°	1	1	1	1	1	1	1	1
136°	1	1	1	1	1	1	1	1
137°	1	1	1	1	1	1	1	1
138°	1	1	1	1	1	1	1	1
139°	1	1	1	1	1	1	1	1
140°	1	1	1	1	1	1	1	1
141°	1	1	1	1	1	1	1	1
142°	1	1	1	1	1	1	1	1
143°	1	1	1	1	1	1	1	1
144°	1	1	1	1	1	1	1	1
145°	1	1	1	1	1	1	1	1
146°	1	1	1	1	1	1	1	1

Luminous Intensity (cd) Distribution Data

$\begin{matrix} C \\ \backslash \\ y \end{matrix}$	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
147°	1	1	1	1	1	1	1	1
148°	1	1	1	1	1	1	1	1
149°	1	1	1	1	2	1	1	1
150°	2	2	2	2	2	2	2	2
151°	2	2	2	2	2	2	2	2
152°	2	2	2	2	2	2	2	2
153°	2	2	2	2	2	2	2	2
154°	2	2	2	2	2	2	2	2
155°	2	2	2	2	2	2	2	2
156°	2	2	2	2	2	2	2	2
157°	2	2	2	2	2	2	2	2
158°	2	2	2	2	2	2	2	2
159°	2	2	2	2	2	2	2	2
160°	2	2	2	2	2	2	2	2
161°	2	2	2	2	2	2	2	2
162°	2	2	2	2	2	2	2	2
163°	2	2	2	2	2	2	2	2
164°	2	2	2	2	2	2	2	2
165°	2	2	2	2	2	2	2	2
166°	2	2	2	2	2	2	2	2
167°	2	2	2	2	2	2	2	2
168°	2	2	2	2	2	2	2	2
169°	2	2	2	2	2	2	2	2
170°	2	2	2	2	2	2	2	2
171°	2	2	2	2	2	2	2	2
172°	2	2	2	2	2	2	2	2
173°	2	2	2	2	2	2	2	2
174°	2	2	2	2	2	2	2	2
175°	2	2	2	2	2	2	2	2
176°	2	2	2	2	2	2	2	2
177°	2	2	2	2	2	2	2	2
178°	2	2	2	2	2	2	2	2
179°	2	2	2	2	2	2	2	2
180°	2	2	2	2	2	2	2	2

Luminous Intensity (cd) Distribution Data (cont.)

$\begin{array}{c} C \\ \backslash \\ Y \end{array}$	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
0°	1305	1305	1305	1305	1305	1305	1305	1305
1°	1304	1305	1301	1301	1301	1300	1299	1302
2°	1299	1296	1296	1295	1295	1293	1294	1294
3°	1291	1287	1284	1286	1284	1283	1285	1285
4°	1282	1278	1278	1278	1274	1273	1274	1275
5°	1271	1270	1271	1270	1269	1264	1266	1266
6°	1264	1263	1268	1268	1266	1259	1260	1259
7°	1260	1258	1264	1263	1259	1255	1252	1253
8°	1257	1258	1261	1259	1255	1253	1250	1251
9°	1252	1256	1256	1258	1253	1248	1248	1252
10°	1247	1254	1256	1257	1252	1246	1245	1246
11°	1242	1245	1250	1250	1246	1242	1240	1239
12°	1238	1240	1243	1246	1242	1237	1236	1232
13°	1233	1235	1239	1241	1238	1233	1231	1225
14°	1220	1230	1235	1235	1234	1223	1223	1213
15°	1202	1217	1230	1229	1228	1215	1212	1203
16°	1181	1200	1214	1220	1218	1205	1195	1187
17°	1162	1176	1196	1204	1204	1188	1182	1169
18°	1138	1151	1174	1185	1185	1167	1161	1146
19°	1109	1122	1149	1161	1158	1141	1136	1118
20°	1081	1091	1118	1131	1129	1114	1105	1086
21°	1051	1060	1084	1097	1095	1081	1067	1053
22°	1016	1022	1043	1061	1063	1046	1028	1014
23°	980	987	1008	1022	1020	1007	985	970
24°	939	949	966	978	977	962	939	922
25°	895	906	919	928	932	915	888	871
26°	849	860	867	879	878	862	835	824
27°	801	811	816	822	821	807	784	774
28°	747	759	759	763	760	748	731	721
29°	692	704	702	698	695	686	677	666
30°	632	644	642	634	632	625	618	612
31°	570	582	579	568	564	564	563	559
32°	505	518	512	500	499	503	508	505
33°	444	452	447	434	432	442	451	450
34°	383	390	383	372	370	384	397	397
35°	327	331	323	313	314	330	344	346
36°	277	278	270	262	265	280	295	301
37°	235	233	225	218	221	236	252	259
38°	199	188	179	174	177	190	208	220
39°	153	142	134	130	133	143	165	176
40°	107	97	89	88	90	98	123	131
41°	76	72	69	68	70	74	81	88
42°	58	57	57	57	58	59	62	66
43°	50	49	49	50	51	51	52	54
44°	45	44	44	45	45	45	46	47
45°	41	41	41	41	41	41	42	43
46°	39	38	38	38	39	38	39	40
47°	36	35	35	36	36	36	37	38
48°	34	33	33	34	34	34	34	35

Luminous Intensity (cd) Distribution Data (cont.)

C y	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
49°	32	31	31	32	32	32	32	33
50°	30	29	29	30	30	30	30	31
51°	27	27	27	27	28	28	28	29
52°	24	24	24	25	25	25	25	26
53°	22	21	22	22	23	22	23	23
54°	20	20	20	20	21	21	21	21
55°	20	19	19	19	20	20	20	20
56°	19	18	18	19	19	19	19	19
57°	18	17	18	18	19	18	18	19
58°	17	17	17	17	18	17	17	18
59°	17	16	16	17	17	17	17	17
60°	16	16	16	16	16	16	16	17
61°	15	15	15	15	16	15	16	16
62°	14	14	14	14	15	15	15	15
63°	14	14	14	14	14	14	14	14
64°	13	13	13	13	13	13	13	13
65°	12	12	12	12	13	13	13	13
66°	12	12	12	12	12	12	12	12
67°	11	11	11	11	11	11	12	11
68°	11	11	11	11	11	11	11	11
69°	10	10	10	10	10	10	10	10
70°	10	10	10	10	10	10	10	10
71°	9	9	9	9	9	9	9	9
72°	9	9	9	9	9	9	9	9
73°	8	8	8	8	8	8	8	8
74°	7	7	7	7	8	8	8	8
75°	7	7	7	7	7	7	7	7
76°	6	6	6	6	6	6	7	7
77°	6	6	6	6	6	6	6	6
78°	5	5	5	5	5	5	5	5
79°	5	5	5	5	5	5	5	5
80°	4	4	4	4	4	4	4	4
81°	4	4	4	4	4	4	4	4
82°	3	3	3	3	3	3	3	3
83°	3	3	3	3	3	3	3	3
84°	2	2	2	2	2	2	2	2
85°	2	2	2	2	2	2	2	2
86°	2	1	1	1	1	1	1	1
87°	1	1	1	1	1	1	1	1
88°	1	1	1	1	1	1	1	1
89°	0	0	0	0	0	0	1	1
90°	0	0	0	0	0	0	0	0
91°	0	0	0	0	0	0	0	0
92°	0	0	0	0	0	0	0	0
93°	0	0	0	0	0	0	0	0
94°	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0
96°	0	0	0	0	0	0	0	0
97°	0	0	0	0	0	0	0	0

Luminous Intensity (cd) Distribution Data (cont.)

C y	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
98°	0	0	0	0	0	0	0	0
99°	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0
101°	0	0	0	0	0	0	0	0
102°	0	0	0	0	0	0	0	0
103°	0	0	0	0	0	0	0	0
104°	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0
106°	0	0	0	0	0	0	0	0
107°	0	0	0	0	0	0	0	0
108°	0	0	0	0	0	0	0	0
109°	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0
111°	0	0	0	0	0	0	0	0
112°	0	0	0	0	0	0	0	0
113°	0	0	0	0	0	0	0	0
114°	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0
116°	0	0	0	0	0	0	0	0
117°	0	0	0	0	0	0	0	0
118°	0	0	0	0	0	0	0	0
119°	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0
121°	0	0	0	0	0	0	0	0
122°	0	0	0	0	0	0	0	0
123°	0	0	0	0	0	0	0	0
124°	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0
126°	0	0	0	0	0	0	0	0
127°	0	0	0	0	0	0	0	0
128°	0	0	0	0	0	0	0	0
129°	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0
131°	0	0	0	0	0	0	0	0
132°	0	0	0	0	0	0	0	0
133°	0	0	0	0	0	0	0	0
134°	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0
136°	0	0	0	0	0	0	0	0
137°	0	0	0	0	0	0	0	0
138°	0	0	0	0	0	0	0	0
139°	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0
141°	0	0	0	0	0	0	0	0
142°	0	0	0	0	0	0	0	0
143°	0	0	0	0	0	0	0	0
144°	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0
146°	0	0	0	0	0	0	0	0

Luminous Intensity (cd) Distribution Data (cont.)

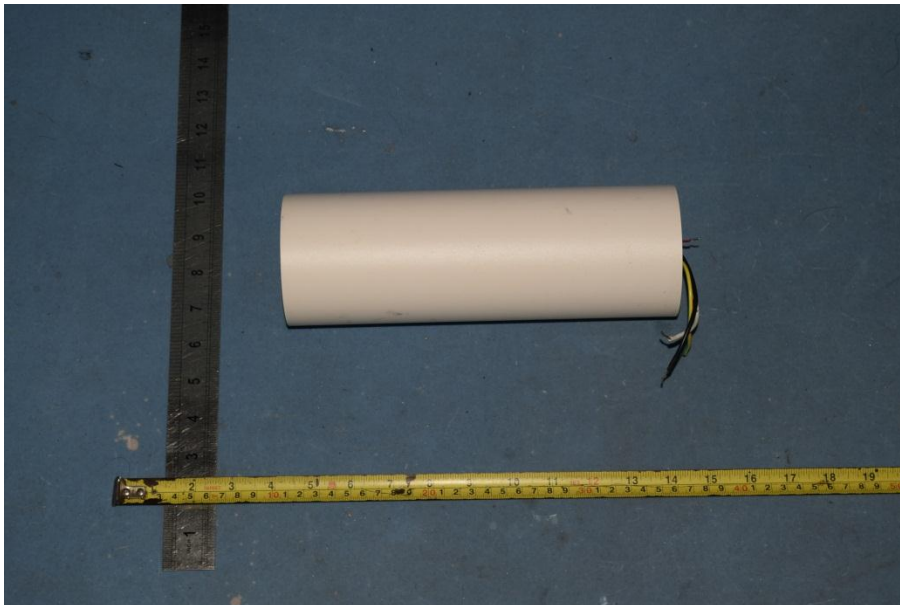
$\begin{matrix} C \\ \backslash \\ Y \end{matrix}$	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
147°	0	0	0	0	0	0	0	0
148°	0	0	0	0	0	0	0	0
149°	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0
151°	1	1	1	1	1	1	1	1
152°	1	1	1	1	1	1	1	1
153°	1	1	1	1	1	1	1	1
154°	1	1	1	1	1	1	1	1
155°	1	1	1	1	1	1	1	1
156°	1	1	1	1	1	1	1	1
157°	1	1	1	1	1	1	1	1
158°	1	1	1	1	1	1	1	1
159°	1	1	1	1	1	1	1	1
160°	1	1	1	1	1	1	1	1
161°	1	1	1	1	1	1	1	1
162°	1	1	1	1	1	1	1	1
163°	1	1	1	1	1	1	1	1
164°	1	1	1	1	1	1	1	1
165°	1	1	1	1	1	1	1	1
166°	1	1	1	1	1	1	1	1
167°	1	1	1	1	1	1	1	1
168°	1	1	1	1	1	1	1	1
169°	1	1	1	1	1	1	1	1
170°	1	1	1	1	1	1	1	1
171°	1	1	1	1	1	1	1	1
172°	1	1	1	1	1	1	1	1
173°	1	1	1	1	1	1	1	1
174°	1	1	1	1	1	1	1	1
175°	1	1	1	1	1	1	1	1
176°	1	1	1	1	1	1	1	1
177°	1	1	1	1	1	1	1	1
178°	2	2	2	2	2	2	2	2
179°	2	2	2	2	2	2	2	2
180°	2	2	2	2	2	2	2	2

Zonal Lumen Density Measurement

Deg	Flux (lm)	%
0-5	30.7	2.64
5-10	89.9	7.73
10-15	145.8	12.53
15-20	190.0	16.32
20-25	209.0	17.96
25-30	194.9	16.74
30-35	143.2	12.31
35-40	76.6	6.58
40-45	25.2	2.17
45-50	14.6	1.25
50-55	10.9	0.93
55-60	8.4	0.72
60-65	7.1	0.61
65-70	5.7	0.49
70-75	4.4	0.38
75-80	3.1	0.26
80-85	1.7	0.15
85-90	0.6	0.05
90-95	0.0	0.01
95-100	0.0	0.00
100-105	0.0	0.00
105-110	0.0	0.00
110-115	0.0	0.00
115-120	0.0	0.00
120-125	0.0	0.00
125-130	0.1	0.01
130-135	0.1	0.00
135-140	0.2	0.02
140-145	0.2	0.02
145-150	0.3	0.02
150-155	0.3	0.02
155-160	0.3	0.03
160-165	0.3	0.02
165-170	0.2	0.02
170-175	0.1	0.01
175-180	0.0	0.00

Deg	Flux (lm)	%
0-5	30.7	2.64
0-10	120.7	10.37
0-15	266.5	22.90
0-20	456.5	39.22
0-25	665.5	57.18
0-30	860.3	73.92
0-35	1003.6	86.23
0-40	1080.2	92.81
0-45	1105.4	94.98
0-50	1119.9	96.23
0-55	1130.8	97.16
0-60	1139.2	97.88
0-65	1146.3	98.49
0-70	1151.9	98.98
0-75	1156.4	99.36
0-80	1159.4	99.62
0-85	1161.1	99.77
0-90	1161.8	99.82
0-95	1161.8	99.83
0-100	1161.8	99.83
0-105	1161.8	99.83
0-110	1161.8	99.83
0-115	1161.8	99.83
0-120	1161.8	99.83
0-125	1161.9	99.83
0-130	1161.9	99.84
0-135	1162.0	99.84
0-140	1162.2	99.86
0-145	1162.4	99.88
0-150	1162.7	99.90
0-155	1163.0	99.92
0-160	1163.2	99.95
0-165	1163.5	99.97
0-170	1163.7	99.99
0-175	1163.8	100.00
0-180	1163.8	100.00

6. Product Photo



Directions

1. The information marked "superscript #" is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
2. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
3. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.
5. This report cannot be reproduced except in full, without prior written approval of the Company.
6. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.

*****END OF REPORT*****