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:
PXCYL4/SM/LEM9027/KDIM010UNV/WD/WH/WH

Report Type:	Electrical and Photometric tests including: Luminous Flux, Luminous Intensity Distribution
Reviewed By:	Hexy He
Report Number:	KS2210917-48732E-10-3
Test Date:	2021-10-11
Report Date:	2021-11-18
Approved by:	Bill Xiong / EE Engineer
Prepared By:	Bay Area Compliance Laboratories Corp. (Dongguan). No.12, Pulong East 1st 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 2021-09-17, and used for testing.

Model Tested:	PXCYL4/SM/LEM9027/KDIM010UNV/WD/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:	31.5W
Nominal CCT:	2700K
Nominal Lumen Output:	1960Im

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	2020-10-20	2021-10-19

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**

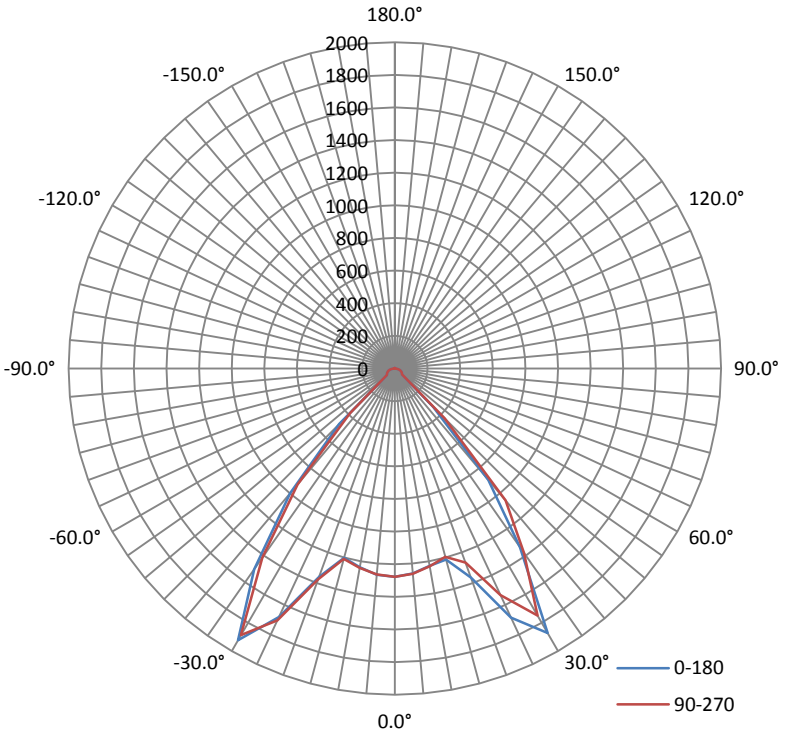
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.1	60	0.2536	30.21	0.9923

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I_{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
2601.69	86.12	1932	1.25	1.29

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I_{max}):	86.0	86.2	86.3	86.4	86.2
Field Angle (10% I_{max}):	95.7	95.6	95.9	95.5	95.7

Luminous Intensity (cd) Distribution Data

C / γ	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0°	1278	1278	1278	1278	1278	1278	1278	1278
1°	1279	1279	1279	1277	1277	1278	1277	1275
2°	1278	1278	1278	1277	1276	1276	1273	1272
3°	1277	1276	1275	1275	1274	1273	1271	1269
4°	1273	1273	1272	1270	1270	1269	1267	1264
5°	1270	1269	1268	1267	1267	1267	1263	1261
6°	1262	1263	1263	1264	1262	1263	1260	1259
7°	1257	1258	1258	1259	1257	1257	1258	1253
8°	1251	1255	1253	1253	1254	1252	1251	1246
9°	1244	1249	1247	1246	1249	1248	1241	1238
10°	1237	1240	1239	1240	1241	1240	1230	1229
11°	1228	1231	1230	1229	1231	1231	1221	1218
12°	1218	1222	1222	1221	1220	1221	1214	1212
13°	1210	1213	1213	1212	1209	1212	1211	1210
14°	1203	1204	1209	1205	1206	1211	1215	1210
15°	1201	1206	1211	1209	1209	1211	1215	1210
16°	1209	1216	1221	1213	1211	1217	1218	1212
17°	1221	1230	1238	1232	1231	1233	1231	1225
18°	1247	1268	1275	1273	1274	1263	1257	1250
19°	1294	1321	1327	1332	1325	1312	1304	1301
20°	1360	1387	1386	1392	1376	1374	1363	1363
21°	1425	1455	1448	1450	1427	1430	1421	1426
22°	1484	1519	1511	1513	1483	1484	1481	1493
23°	1546	1582	1584	1580	1541	1547	1548	1560
24°	1610	1649	1655	1649	1622	1629	1621	1620
25°	1681	1723	1733	1716	1703	1707	1701	1686
26°	1758	1791	1802	1771	1763	1774	1765	1747
27°	1822	1850	1858	1824	1821	1830	1822	1805
28°	1872	1900	1903	1867	1858	1864	1860	1862
29°	1904	1924	1924	1886	1870	1885	1889	1898
30°	1923	1932	1927	1891	1887	1901	1904	1914
31°	1929	1929	1925	1891	1886	1903	1903	1897
32°	1928	1921	1915	1878	1856	1843	1801	1767
33°	1848	1836	1830	1770	1722	1681	1624	1592
34°	1681	1669	1652	1590	1544	1513	1466	1438
35°	1503	1487	1475	1434	1416	1410	1379	1360
36°	1377	1358	1369	1349	1347	1349	1319	1292
37°	1301	1279	1288	1274	1269	1272	1243	1201
38°	1217	1185	1190	1180	1172	1173	1144	1109
39°	1117	1075	1073	1062	1054	1049	1035	1009
40°	998	962	948	935	928	923	917	906
41°	880	847	840	833	817	819	808	810
42°	777	748	738	733	719	718	709	711
43°	688	656	645	629	610	604	602	612
44°	592	553	538	520	499	488	474	494
45°	482	449	431	412	388	372	347	376
46°	372	345	324	303	277	255	238	257
47°	266	242	234	220	199	179	156	144
48°	182	168	159	138	114	86	68	65

Luminous Intensity (cd) Distribution Data

C / γ	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
49°	83	79	72	67	66	64	63	62
50°	65	65	65	65	64	62	61	60
51°	63	64	64	63	62	61	60	59
52°	62	63	63	62	61	60	59	58
53°	61	61	62	61	60	59	58	57
54°	60	60	61	60	59	58	57	56
55°	59	60	60	59	59	58	57	55
56°	58	59	59	59	58	57	56	54
57°	57	58	58	58	57	56	55	54
58°	56	57	57	57	56	55	54	53
59°	55	56	56	56	55	54	53	52
60°	54	55	55	55	54	53	52	50
61°	53	54	54	54	53	52	51	49
62°	52	53	53	52	52	51	49	48
63°	51	51	52	51	51	49	48	47
64°	49	50	50	50	49	48	47	46
65°	48	49	49	49	48	47	46	44
66°	47	48	48	48	47	46	44	43
67°	45	46	47	46	46	44	43	42
68°	44	45	45	45	44	43	42	40
69°	43	44	44	44	43	42	40	39
70°	41	42	42	42	41	40	39	38
71°	40	41	41	41	40	39	37	36
72°	38	39	39	39	38	37	36	34
73°	37	38	38	37	36	35	34	33
74°	35	36	36	36	35	33	32	31
75°	33	34	34	34	33	32	30	29
76°	31	32	32	32	31	30	28	27
77°	29	30	30	29	29	27	26	25
78°	27	28	28	27	26	25	24	23
79°	25	25	25	25	24	23	21	20
80°	22	23	23	22	21	20	19	18
81°	20	20	20	20	19	17	16	15
82°	17	17	17	17	16	15	13	12
83°	14	15	14	14	13	12	11	10
84°	11	11	11	11	10	8	7	7
85°	8	8	8	7	6	6	5	4
86°	6	6	5	4	3	3	3	1
87°	3	3	3	1	1	0	0	0
88°	0	0	0	0	0	0	0	0
89°	0	0	0	0	0	0	0	0
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 / γ	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	1	1	1
125°	1	1	1	1	1	1	1	1
126°	1	1	1	1	1	1	1	1
127°	1	1	1	1	1	1	1	1
128°	1	1	1	1	1	1	1	1
129°	1	1	1	1	1	1	1	1
130°	1	1	1	1	1	1	1	1
131°	1	1	1	1	1	1	1	1
132°	1	1	1	1	1	1	1	1
133°	1	1	1	1	1	1	1	1
134°	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	2	2	2
142°	2	2	2	2	2	2	2	2
143°	2	2	2	2	2	2	2	2
144°	2	2	2	2	2	2	2	2
145°	2	2	2	2	2	2	2	2
146°	2	2	2	2	2	2	2	2

Luminous Intensity (cd) Distribution Data

C / γ	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
147°	2	2	2	2	2	2	2	2
148°	2	2	2	2	2	2	2	2
149°	2	2	2	2	2	2	2	2
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°	3	3	3	3	3	3	3	3
155°	3	3	3	3	3	3	3	3
156°	3	3	3	3	3	3	3	3
157°	3	3	3	3	3	3	3	3
158°	3	3	3	3	3	3	3	3
159°	3	3	3	3	3	3	3	3
160°	3	3	3	3	3	3	3	3
161°	3	3	3	3	3	3	3	3
162°	3	3	3	3	3	3	3	3
163°	3	3	3	3	3	3	3	3
164°	3	3	3	3	3	3	3	3
165°	3	3	3	3	3	3	3	3
166°	3	3	3	3	3	3	3	3
167°	3	3	3	3	3	3	3	3
168°	3	3	3	3	3	3	3	3
169°	3	3	3	3	3	3	3	3
170°	3	3	3	3	3	3	3	3
171°	3	3	3	3	3	3	3	3
172°	3	3	3	3	3	3	3	3
173°	3	3	3	3	3	3	3	3
174°	3	3	3	3	3	3	3	3
175°	3	3	3	3	3	3	3	3
176°	3	3	3	3	3	3	3	3
177°	3	3	3	3	3	3	3	3
178°	3	3	3	3	3	3	3	3
179°	3	3	3	3	3	3	3	3
180°	3	3	3	3	3	3	3	3

Luminous Intensity (cd) Distribution Data (cont.)

C / γ	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
0°	1278	1278	1278	1278	1278	1278	1278	1278
1°	1274	1275	1274	1275	1276	1277	1277	1277
2°	1271	1272	1272	1273	1275	1276	1276	1276
3°	1268	1270	1268	1269	1272	1273	1274	1273
4°	1265	1267	1265	1266	1268	1270	1269	1270
5°	1262	1262	1263	1262	1264	1266	1265	1265
6°	1256	1257	1259	1257	1259	1260	1260	1259
7°	1251	1253	1253	1253	1253	1254	1252	1251
8°	1246	1247	1246	1247	1248	1247	1246	1246
9°	1238	1241	1239	1238	1240	1240	1240	1241
10°	1228	1232	1230	1230	1231	1231	1232	1234
11°	1219	1222	1219	1218	1220	1222	1222	1224
12°	1211	1213	1209	1205	1211	1212	1212	1214
13°	1210	1209	1203	1198	1200	1200	1203	1204
14°	1211	1208	1201	1195	1195	1193	1193	1198
15°	1212	1212	1203	1194	1195	1189	1191	1196
16°	1215	1219	1208	1195	1194	1195	1193	1202
17°	1226	1231	1214	1197	1194	1199	1199	1209
18°	1254	1251	1230	1213	1204	1207	1214	1233
19°	1302	1293	1269	1243	1228	1234	1244	1273
20°	1364	1355	1323	1287	1266	1270	1286	1329
21°	1432	1423	1395	1350	1320	1313	1340	1391
22°	1503	1494	1460	1415	1378	1363	1397	1452
23°	1567	1555	1515	1470	1432	1417	1448	1506
24°	1624	1620	1569	1521	1484	1477	1505	1565
25°	1685	1684	1619	1571	1532	1534	1567	1633
26°	1748	1744	1674	1624	1590	1590	1635	1708
27°	1798	1803	1731	1675	1644	1656	1697	1774
28°	1840	1841	1779	1718	1687	1706	1745	1821
29°	1867	1866	1815	1752	1723	1746	1787	1859
30°	1873	1874	1831	1776	1749	1758	1812	1878
31°	1808	1803	1783	1750	1743	1760	1816	1881
32°	1651	1666	1652	1632	1643	1695	1777	1864
33°	1497	1518	1517	1505	1511	1556	1646	1745
34°	1396	1434	1435	1412	1414	1442	1505	1578
35°	1337	1378	1391	1380	1380	1385	1400	1426
36°	1261	1304	1333	1338	1346	1350	1353	1346
37°	1184	1230	1256	1268	1287	1290	1288	1272
38°	1107	1156	1179	1197	1227	1231	1222	1199
39°	998	1048	1101	1126	1167	1171	1157	1125
40°	891	935	994	1017	1056	1061	1055	1013
41°	791	835	879	901	931	927	942	891
42°	688	726	764	790	813	826	823	789
43°	587	619	656	676	710	728	718	697
44°	456	475	508	536	580	614	611	598
45°	331	331	358	386	432	470	484	477
46°	241	241	258	278	300	333	345	349
47°	151	150	159	169	219	241	250	254
48°	61	60	60	60	138	150	155	159

Luminous Intensity (cd) Distribution Data (cont.)

C / γ	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
49°	59	58	58	58	59	60	62	65
50°	58	57	57	57	57	59	60	62
51°	57	56	56	56	56	58	59	61
52°	56	55	55	55	55	57	58	59
53°	56	55	54	54	55	56	57	58
54°	55	54	53	53	54	55	56	58
55°	54	53	53	52	53	54	56	57
56°	53	52	52	52	52	53	55	56
57°	52	51	51	51	51	52	54	55
58°	51	50	50	50	50	52	53	54
59°	50	49	49	49	49	50	52	53
60°	49	48	48	48	48	49	51	52
61°	48	47	47	47	47	48	50	51
62°	47	46	45	45	46	47	49	50
63°	46	45	44	44	45	46	47	49
64°	44	44	43	43	44	45	46	48
65°	43	42	42	42	42	43	45	46
66°	42	41	40	40	41	42	44	45
67°	40	40	39	39	40	41	42	44
68°	39	38	38	38	38	40	41	42
69°	38	37	36	36	37	38	40	41
70°	36	35	35	35	36	37	38	40
71°	34	34	33	33	34	35	37	38
72°	33	32	32	32	33	34	35	37
73°	31	30	30	30	31	32	33	35
74°	29	29	28	28	29	30	32	33
75°	27	27	26	27	27	29	30	31
76°	25	25	24	25	25	27	28	30
77°	23	23	22	23	23	25	26	27
78°	21	20	20	21	21	23	24	25
79°	19	18	18	18	19	20	22	23
80°	16	16	16	16	17	18	19	21
81°	14	13	13	14	14	16	17	18
82°	11	11	11	11	12	13	14	15
83°	8	8	8	9	10	10	12	13
84°	6	6	6	6	7	8	9	10
85°	3	3	3	4	4	5	6	7
86°	1	1	1	1	2	3	3	4
87°	0	0	0	0	0	1	1	1
88°	0	0	0	0	0	0	0	0
89°	0	0	0	0	0	0	0	0
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 / γ	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°	1	1	1	1	0	0	0	0
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 (cont.)

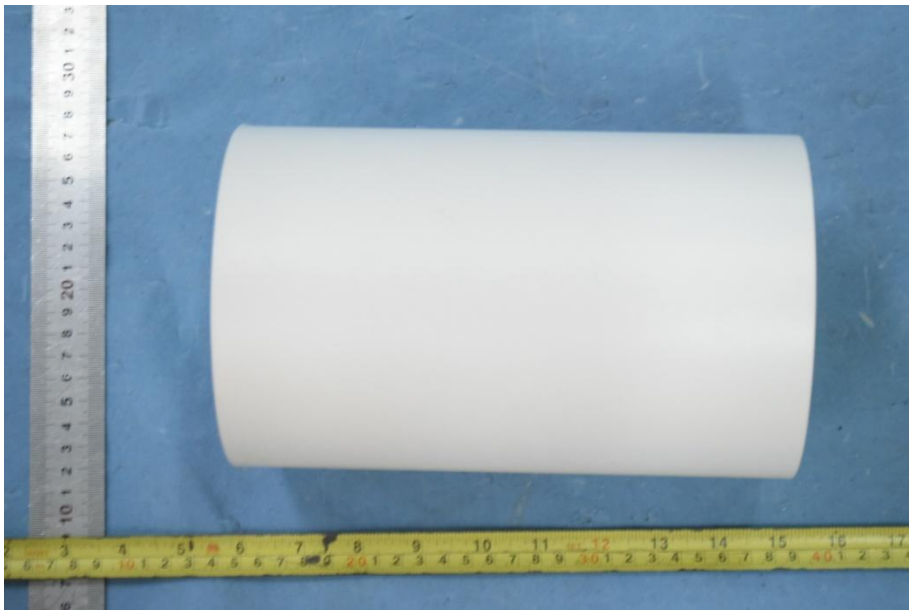
C / γ	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
147°	1	1	1	1	1	1	1	1
148°	1	1	1	1	1	1	1	1
149°	1	1	1	1	1	1	1	1
150°	1	1	1	1	1	1	1	1
151°	1	1	1	1	1	1	1	1
152°	1	1	1	1	1	1	1	1
153°	1	1	1	1	1	1	1	1
154°	1	1	1	1	1	1	1	1
155°	1	1	1	1	1	1	1	1
156°	1	1	1	1	1	1	1	1
157°	1	1	1	1	1	1	1	1
158°	1	1	1	1	1	1	1	1
159°	1	2	2	1	1	1	1	1
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°	3	3	3	3	3	3	3	2
178°	3	3	3	3	3	3	3	3
179°	3	3	3	3	3	3	3	3
180°	3	3	3	3	3	3	3	3

Zonal Lumen Density Measurement

Deg	Flux (lm)	%
0-5	30.4	1.17
5-10	89.4	3.43
10-15	143.9	5.53
15-20	206.0	7.92
20-25	314.9	12.10
25-30	452.4	17.39
30-35	494.8	19.02
35-40	402.8	15.48
40-45	256.8	9.88
45-50	72.6	2.79
50-55	25.3	0.97
55-60	24.9	0.96
60-65	23.5	0.90
65-70	21.3	0.82
70-75	18.1	0.69
75-80	13.3	0.52
80-85	6.8	0.26
85-90	0.8	0.03
90-95	0.0	0.00
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	0.1	0.00
120-125	0.1	0.01
125-130	0.2	0.01
130-135	0.3	0.01
135-140	0.3	0.01
140-145	0.4	0.01
145-150	0.4	0.02
150-155	0.4	0.02
155-160	0.4	0.02
160-165	0.4	0.01
165-170	0.3	0.01
170-175	0.2	0.01
175-180	0.1	0.00

Deg	Flux (lm)	%
0-5	30.4	1.17
0-10	119.8	4.60
0-15	263.7	10.13
0-20	469.7	18.05
0-25	784.5	30.15
0-30	1236.9	47.54
0-35	1731.7	66.56
0-40	2134.5	82.04
0-45	2391.4	91.92
0-50	2463.9	94.71
0-55	2489.3	95.68
0-60	2514.2	96.64
0-65	2537.7	97.54
0-70	2559.0	98.36
0-75	2577.0	99.05
0-80	2590.4	99.57
0-85	2597.2	99.83
0-90	2598.0	99.86
0-95	2598.0	99.86
0-100	2598.0	99.86
0-105	2598.0	99.86
0-110	2598.0	99.86
0-115	2598.1	99.86
0-120	2598.2	99.86
0-125	2598.3	99.87
0-130	2598.5	99.88
0-135	2598.8	99.89
0-140	2599.1	99.90
0-145	2599.5	99.91
0-150	2599.9	99.93
0-155	2600.3	99.95
0-160	2600.8	99.97
0-165	2601.2	99.98
0-170	2601.4	99.99
0-175	2601.6	100.00
0-180	2601.7	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.
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**********END OF REPORT**********