



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/VN/WH/WH

Report Type:	Electrical and Photometric tests including: Luminous Flux, Luminous Intensity Distribution
Reviewed By:	Hexy He <i>Hexy He</i>
Report Number:	KS2210917-48732E-10-1
Test Date:	2021-09-18
Report Date:	2021-11-18
Approved by:	Bill Xiong / 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 2021-09-17, and used for testing.

Model Tested: PXCYL4/SM/LEM9027/KDIM010UNV/VN/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: 1960lm

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**

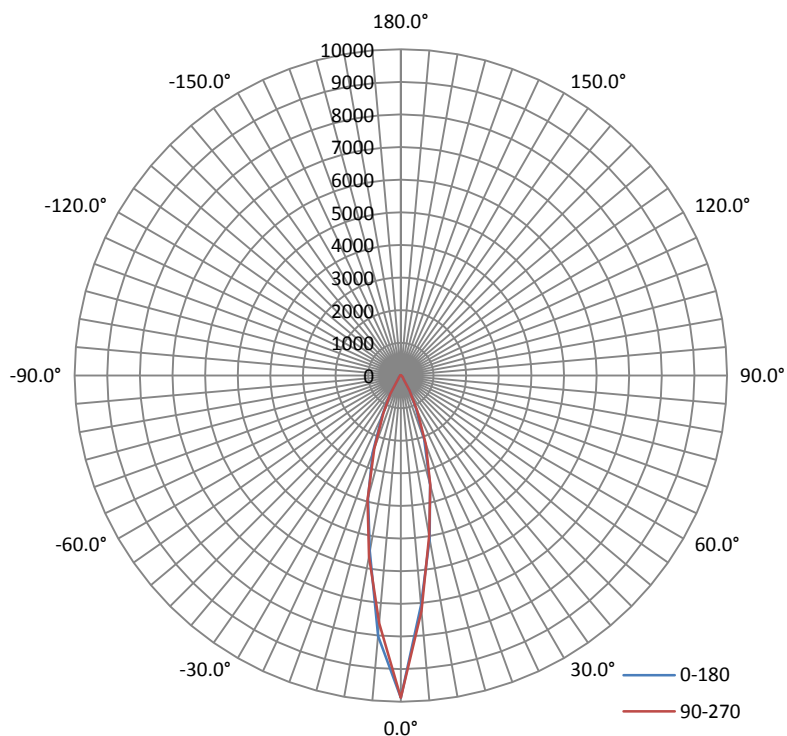
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.0	60	0.2537	30.22	0.9926

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I _{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
2543.77	84.18	9973	0.35	0.34

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I _{max}):	21.8	22.0	22.1	21.5	21.9
Field Angle (10% I _{max}):	52.5	52.5	52.6	52.5	52.5

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0°	9880	9880	9880	9880	9880	9880	9880	9880
1°	9973	9906	9845	9778	9713	9679	9654	9652
2°	9785	9670	9584	9466	9361	9297	9247	9230
3°	9363	9255	9106	8940	8819	8745	8674	8654
4°	8750	8659	8508	8332	8206	8129	8068	8000
5°	8021	7977	7873	7741	7627	7557	7476	7384
6°	7287	7312	7296	7213	7115	7026	6928	6826
7°	6669	6721	6763	6741	6679	6580	6467	6367
8°	6191	6261	6342	6367	6301	6198	6048	5984
9°	5812	5882	5957	6020	5957	5824	5677	5616
10°	5468	5530	5597	5666	5629	5484	5336	5256
11°	5142	5209	5261	5310	5271	5138	5001	4906
12°	4825	4875	4932	4967	4928	4804	4665	4566
13°	4495	4552	4615	4638	4600	4471	4348	4246
14°	4184	4233	4290	4318	4257	4171	4036	3939
15°	3892	3932	3970	3976	3940	3847	3712	3628
16°	3609	3628	3666	3655	3619	3538	3408	3348
17°	3326	3342	3380	3356	3327	3241	3124	3073
18°	3057	3063	3088	3051	3011	2931	2840	2780
19°	2786	2781	2786	2740	2691	2633	2551	2492
20°	2518	2497	2486	2434	2385	2344	2262	2215
21°	2252	2214	2187	2151	2101	2077	1994	1954
22°	1990	1953	1931	1901	1858	1829	1766	1726
23°	1753	1725	1708	1676	1640	1605	1555	1521
24°	1538	1526	1507	1469	1437	1401	1362	1328
25°	1345	1340	1324	1282	1254	1218	1180	1145
26°	1157	1154	1136	1101	1078	1051	1020	993
27°	994	994	987	961	943	921	891	865
28°	838	852	846	836	827	814	788	761
29°	722	741	747	743	737	726	700	676
30°	638	660	668	668	662	652	626	606
31°	564	586	599	600	592	549	521	532
32°	490	513	513	502	482	446	416	457
33°	416	439	428	405	372	343	310	284
34°	261	272	260	245	219	203	185	178
35°	172	173	168	162	159	153	149	148
36°	149	148	145	140	137	134	131	131
37°	131	132	129	127	125	124	121	122
38°	122	123	120	120	119	120	116	116
39°	115	118	116	116	113	116	111	112
40°	111	116	112	110	108	111	106	108
41°	106	110	108	105	104	105	101	105
42°	103	105	103	101	103	100	98	101
43°	101	100	99	96	99	96	94	97
44°	97	95	95	92	95	91	90	92
45°	93	90	90	87	90	87	85	87
46°	88	85	85	82	85	81	80	82
47°	82	80	80	76	79	75	74	76
48°	76	74	74	71	73	70	69	70

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
49°	71	69	69	66	68	65	64	64
50°	65	63	63	61	61	60	59	59
51°	60	58	58	55	55	54	54	54
52°	55	54	54	50	49	49	49	49
53°	51	50	49	49	48	48	48	48
54°	50	49	48	48	47	47	47	47
55°	49	48	47	47	46	46	46	46
56°	48	47	46	46	45	45	45	45
57°	46	46	45	44	44	44	43	43
58°	45	44	44	43	43	42	42	42
59°	44	43	43	42	42	41	41	41
60°	43	42	41	41	40	40	39	39
61°	41	41	40	40	39	39	38	38
62°	40	40	39	38	38	37	37	37
63°	39	38	38	37	37	36	36	36
64°	38	37	37	36	35	35	34	34
65°	36	36	35	35	34	33	33	33
66°	35	34	34	33	33	32	32	31
67°	34	33	33	32	31	31	30	30
68°	32	32	31	31	30	29	29	29
69°	31	30	30	29	28	28	27	27
70°	29	29	28	28	27	26	26	26
71°	28	27	27	26	26	25	25	24
72°	26	26	25	25	24	24	23	23
73°	25	25	24	23	23	22	22	22
74°	23	23	23	22	21	21	20	20
75°	22	21	21	20	20	19	19	19
76°	20	20	19	19	18	18	17	17
77°	19	18	18	17	16	16	16	15
78°	17	17	16	16	15	14	14	14
79°	15	15	14	14	13	13	12	12
80°	14	13	13	12	12	11	11	10
81°	12	11	11	10	10	9	9	9
82°	10	10	9	9	8	8	7	7
83°	8	8	7	7	6	6	6	5
84°	6	6	6	5	5	4	4	4
85°	4	4	4	3	3	3	2	2
86°	3	2	2	2	1	1	1	1
87°	1	1	1	1	0	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 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°	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°	2	2	2	2	2	2	2	2
140°	2	2	2	2	2	2	2	2
141°	2	2	2	2	2	2	2	2
142°	2	2	2	2	2	3	3	3
143°	3	3	3	3	3	3	3	3
144°	3	3	3	3	3	3	3	3
145°	3	3	3	3	4	4	4	4
146°	4	4	4	4	4	4	4	4

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
147°	4	4	4	4	4	4	4	4
148°	4	4	4	4	4	4	5	5
149°	5	5	5	5	5	5	5	5
150°	5	5	5	5	5	5	5	5
151°	5	5	5	5	5	5	5	5
152°	6	6	6	6	6	6	6	6
153°	6	6	6	6	6	6	6	6
154°	6	6	6	6	6	6	6	6
155°	6	6	6	6	6	6	6	7
156°	7	7	7	7	7	7	7	7
157°	7	7	7	7	7	7	7	7
158°	7	7	7	7	7	7	7	7
159°	7	7	7	7	7	7	7	7
160°	7	7	7	7	7	7	7	7
161°	7	7	7	7	7	7	7	7
162°	8	7	7	7	7	7	7	7
163°	8	8	7	7	7	7	7	7
164°	7	7	7	7	7	7	7	7
165°	7	7	7	7	7	7	7	7
166°	7	7	7	7	7	7	7	7
167°	7	7	7	7	7	7	7	7
168°	7	7	7	7	7	7	7	7
169°	7	7	7	7	7	7	6	6
170°	6	6	6	6	6	6	6	6
171°	6	6	6	6	6	6	6	6
172°	6	6	6	6	6	6	6	6
173°	6	6	6	6	6	6	5	5
174°	5	5	5	5	5	5	5	5
175°	5	5	5	5	5	5	5	5
176°	5	5	5	5	5	5	5	5
177°	5	5	5	5	5	5	4	4
178°	4	4	4	4	4	4	4	4
179°	4	4	4	4	4	4	4	4
180°	4	4	4	4	4	4	4	4

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°
0°	9880	9880	9880	9880	9880	9880	9880	9880
1°	9567	9601	9641	9688	9750	9807	9853	9859
2°	9047	9115	9223	9301	9407	9498	9531	9547
3°	8417	8454	8597	8700	8823	8942	9010	9027
4°	7677	7701	7806	7919	8056	8181	8269	8320
5°	7070	7037	7044	7139	7246	7360	7437	7490
6°	6566	6490	6444	6504	6575	6638	6715	6790
7°	6129	6039	6007	6029	6084	6106	6169	6243
8°	5753	5650	5629	5623	5682	5711	5748	5826
9°	5409	5336	5298	5272	5322	5363	5363	5471
10°	5081	5013	4967	4966	4990	5033	5049	5160
11°	4741	4676	4623	4637	4663	4714	4737	4853
12°	4398	4348	4296	4292	4347	4405	4437	4531
13°	4083	4039	4001	3988	4039	4089	4148	4215
14°	3772	3734	3721	3723	3745	3785	3867	3928
15°	3469	3435	3433	3449	3476	3512	3596	3656
16°	3184	3158	3147	3167	3199	3259	3333	3364
17°	2908	2901	2898	2898	2940	3000	3078	3094
18°	2625	2643	2659	2661	2702	2752	2838	2845
19°	2356	2389	2417	2433	2474	2529	2596	2601
20°	2087	2127	2158	2203	2242	2311	2348	2348
21°	1841	1869	1890	1952	2012	2078	2100	2088
22°	1624	1639	1643	1705	1764	1837	1850	1842
23°	1440	1449	1453	1477	1539	1604	1615	1614
24°	1256	1260	1263	1284	1353	1409	1421	1431
25°	1072	1071	1074	1092	1168	1214	1227	1248
26°	931	924	919	929	983	1019	1034	1065
27°	803	780	764	769	811	845	863	907
28°	708	683	663	660	672	689	709	753
29°	631	607	587	582	588	601	618	654
30°	562	542	521	516	520	530	546	577
31°	497	479	464	459	463	470	483	510
32°	370	372	372	380	399	414	424	448
33°	223	223	229	236	253	281	304	324
34°	191	163	163	164	168	177	185	198
35°	159	145	145	146	152	158	164	173
36°	127	127	127	128	136	140	143	148
37°	120	119	120	120	120	121	122	124
38°	114	114	114	115	115	115	116	117
39°	110	108	109	111	111	111	110	111
40°	108	105	107	107	107	107	104	105
41°	104	103	105	103	103	104	101	101
42°	100	100	102	100	99	101	100	99
43°	96	96	98	96	95	97	98	98
44°	91	91	93	92	91	93	93	94
45°	85	86	88	88	86	88	89	89
46°	80	81	82	82	81	83	84	84
47°	74	75	77	77	75	77	78	78
48°	68	70	72	72	70	72	73	73

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

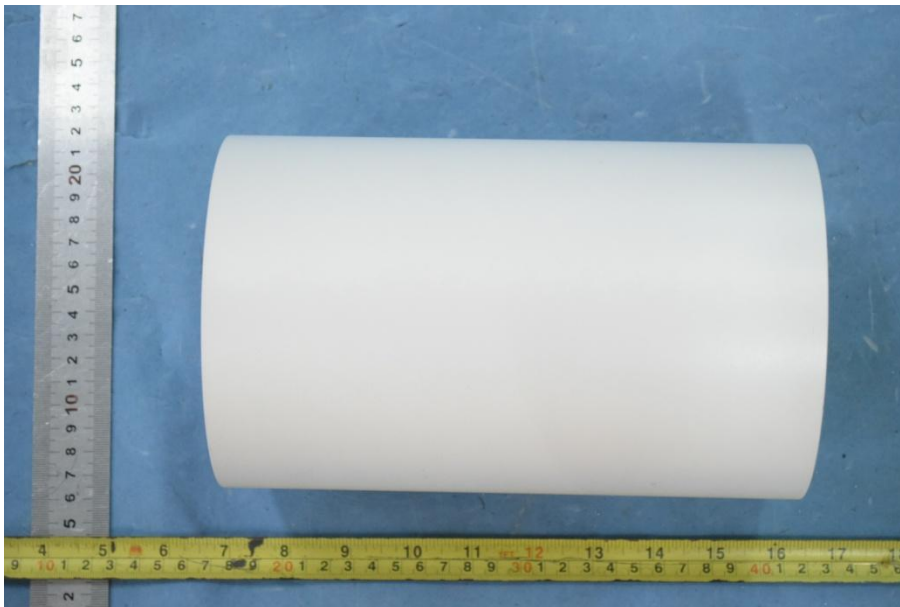
$\begin{matrix} C \\ \backslash \\ Y \end{matrix}$	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
147°	1	1	1	1	1	1	1	1
148°	1	1	1	1	1	1	1	1
149°	1	1	1	1	1	1	1	1
150°	1	1	1	1	1	1	1	1
151°	2	2	2	2	2	2	1	1
152°	2	2	2	2	2	2	2	2
153°	2	2	2	2	2	2	2	2
154°	2	2	2	2	2	2	2	2
155°	2	2	2	2	2	2	2	2
156°	2	2	2	2	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°	3	3	2	2	2	2	2	2
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°	4	4	4	4	4	4	3	3
180°	4	4	4	4	4	4	4	4

Zonal Lumen Density Measurement

Deg	Flux (lm)	%
0-5	204.6	8.05
5-10	437.5	17.19
10-15	522.5	20.54
15-20	487.3	19.16
20-25	356.2	14.00
25-30	212.2	8.35
30-35	107.7	4.23
35-40	41.5	1.63
40-45	36.5	1.43
45-50	30.0	1.18
50-55	22.4	0.88
55-60	20.4	0.80
60-65	18.4	0.72
65-70	15.7	0.62
70-75	12.4	0.49
75-80	8.5	0.34
80-85	4.0	0.15
85-90	0.4	0.02
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	0.0	0.00
120-125	0.0	0.00
125-130	0.1	0.01
130-135	0.2	0.00
135-140	0.3	0.02
140-145	0.6	0.02
145-150	0.8	0.03
150-155	0.9	0.04
155-160	0.9	0.03
160-165	0.8	0.03
165-170	0.5	0.03
170-175	0.3	0.01
175-180	0.1	0.00

Deg	Flux (lm)	%
0-5	204.6	8.05
0-10	642.1	25.24
0-15	1164.6	45.78
0-20	1651.9	64.94
0-25	2008.1	78.94
0-30	2220.3	87.29
0-35	2328.0	91.52
0-40	2369.5	93.15
0-45	2405.9	94.58
0-50	2435.9	95.76
0-55	2458.3	96.64
0-60	2478.7	97.44
0-65	2497.1	98.16
0-70	2512.8	98.78
0-75	2525.2	99.27
0-80	2533.7	99.61
0-85	2537.7	99.76
0-90	2538.1	99.78
0-95	2538.1	99.78
0-100	2538.1	99.78
0-105	2538.2	99.78
0-110	2538.2	99.78
0-115	2538.2	99.78
0-120	2538.2	99.78
0-125	2538.3	99.78
0-130	2538.3	99.79
0-135	2538.5	99.79
0-140	2538.8	99.81
0-145	2539.4	99.83
0-150	2540.2	99.86
0-155	2541.1	99.90
0-160	2542.1	99.93
0-165	2542.9	99.96
0-170	2543.4	99.99
0-175	2543.7	100.00
0-180	2543.8	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.
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*****END OF REPORT*****