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:
PXCYL6/SM/LEL9027/KDIM010UNV/NR/WH/WH

Report Type:	Electrical and Photometric tests including: Luminous Flux, Luminous Intensity Distribution
Reviewed By:	Hexy He
Report Number:	KS2210917-48734E-10-1
Test Date:	2021-10-11
Report Date:	2021-11-19
Approved by:	Blake Zhang / 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:	PXCYL6/SM/LEL9027/KDIM010UNV/NR/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:	60W
Nominal CCT:	2700K
Nominal Lumen Output:	4500lm

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**

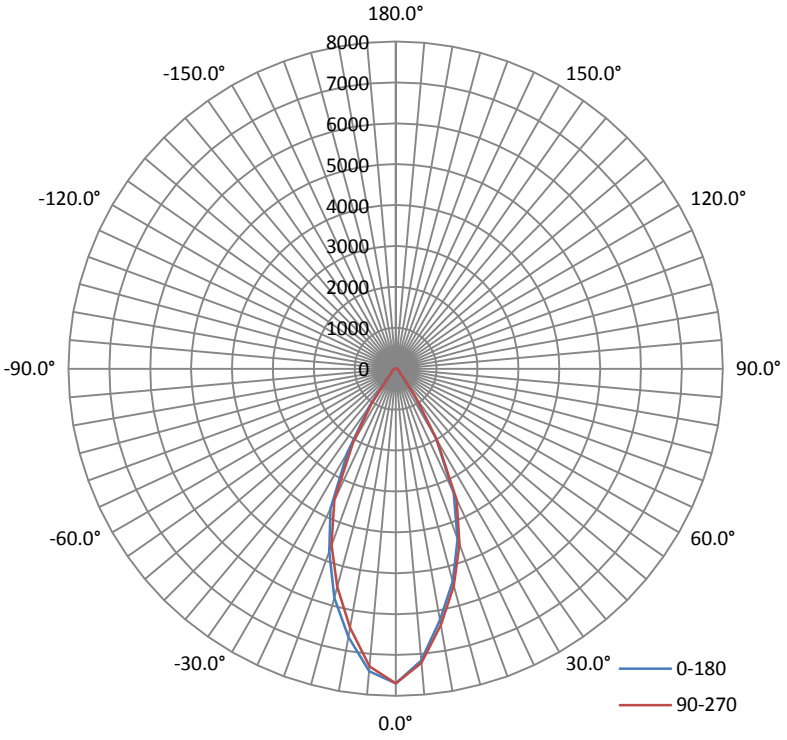
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.0	60	0.4606	54.74	0.9906

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I_{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
4794.22	87.58	7730	0.70	0.72

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I_{max}):	47.6	47.6	47.3	47.4	47.5
Field Angle (10% I_{max}):	71.2	71.3	71.3	71.4	71.3

Luminous Intensity (cd) Distribution Data

C / γ	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0°	7696	7696	7696	7696	7696	7696	7696	7696
1°	7730	7692	7662	7631	7602	7596	7579	7597
2°	7701	7620	7559	7535	7514	7497	7481	7513
3°	7580	7549	7503	7497	7491	7460	7432	7446
4°	7518	7478	7443	7463	7443	7395	7347	7315
5°	7422	7396	7356	7362	7309	7283	7240	7203
6°	7291	7285	7231	7219	7155	7146	7091	7077
7°	7139	7142	7111	7073	6999	6960	6927	6887
8°	7008	7007	6970	6923	6838	6764	6737	6677
9°	6836	6865	6792	6714	6651	6575	6535	6473
10°	6661	6687	6602	6507	6433	6395	6355	6290
11°	6515	6496	6405	6300	6214	6215	6178	6140
12°	6351	6307	6215	6129	6052	6050	6007	5998
13°	6174	6122	6049	5969	5896	5869	5828	5819
14°	5992	5932	5865	5796	5708	5670	5648	5648
15°	5802	5751	5680	5595	5517	5479	5458	5447
16°	5596	5551	5490	5431	5337	5287	5264	5265
17°	5398	5358	5311	5226	5145	5102	5061	5076
18°	5180	5147	5110	5032	4973	4920	4883	4878
19°	4973	4951	4905	4866	4779	4727	4704	4687
20°	4754	4747	4712	4670	4584	4553	4527	4514
21°	4569	4544	4515	4466	4408	4373	4331	4328
22°	4370	4343	4319	4279	4202	4172	4142	4133
23°	4170	4151	4119	4073	4014	3976	3947	3939
24°	3985	3950	3921	3875	3782	3757	3733	3719
25°	3772	3747	3706	3634	3545	3515	3472	3456
26°	3550	3513	3458	3371	3263	3215	3165	3147
27°	3300	3249	3173	3077	2958	2895	2841	2831
28°	3013	2954	2862	2742	2608	2545	2515	2523
29°	2686	2621	2511	2408	2298	2250	2223	2247
30°	2360	2299	2206	2139	2074	2037	2010	2019
31°	2085	2041	1977	1944	1899	1867	1848	1850
32°	1869	1841	1802	1779	1754	1726	1713	1705
33°	1678	1662	1640	1623	1585	1541	1514	1496
34°	1435	1428	1407	1379	1332	1273	1239	1202
35°	1111	1113	1106	1071	1021	968	926	894
36°	822	825	813	788	760	727	701	683
37°	672	670	660	640	629	606	585	577
38°	579	570	555	536	520	498	489	477
39°	487	471	452	432	411	392	392	377
40°	394	373	348	328	302	285	280	270
41°	290	269	251	240	226	216	212	206
42°	213	208	203	199	192	186	183	178
43°	180	179	177	174	170	167	166	163
44°	163	164	162	161	159	157	156	154
45°	154	154	154	152	151	149	148	146
46°	147	147	147	145	144	141	140	138
47°	139	139	139	137	135	133	132	130
48°	132	132	131	131	129	128	127	126

Luminous Intensity (cd) Distribution Data

C / γ	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
49°	128	128	127	127	125	124	123	122
50°	125	124	124	123	122	122	121	120
51°	122	122	122	121	120	119	118	117
52°	120	119	119	118	117	116	115	115
53°	117	117	116	116	114	113	113	112
54°	114	114	113	113	111	111	110	109
55°	112	111	111	110	109	108	107	106
56°	109	108	108	107	106	105	104	104
57°	106	106	105	104	103	102	102	101
58°	103	103	102	101	100	100	99	98
59°	101	100	100	99	98	97	96	96
60°	98	97	97	96	95	94	94	93
61°	95	95	94	93	92	91	91	90
62°	92	92	91	91	90	89	88	88
63°	90	89	89	88	87	86	86	85
64°	87	87	86	85	84	83	83	82
65°	84	84	83	82	82	81	80	80
66°	81	81	80	80	79	78	78	77
67°	79	78	77	77	76	75	75	74
68°	76	75	75	74	73	72	72	71
69°	73	72	72	71	70	69	69	68
70°	69	69	68	68	67	66	66	65
71°	66	66	65	65	64	63	63	62
72°	63	63	62	61	60	60	59	59
73°	60	59	59	58	57	56	56	55
74°	56	56	55	54	54	53	52	52
75°	52	52	52	51	50	49	49	48
76°	49	49	48	47	47	46	45	45
77°	45	45	44	44	43	42	42	41
78°	42	41	41	40	39	38	38	38
79°	38	37	37	36	35	35	34	34
80°	34	33	33	32	31	31	30	30
81°	29	29	29	28	27	27	26	26
82°	25	25	24	24	23	22	22	21
83°	21	21	20	20	19	18	18	17
84°	17	16	16	15	14	14	13	13
85°	12	12	12	11	10	9	9	8
86°	8	8	7	7	6	6	6	6
87°	5	5	4	3	3	3	3	3
88°	3	3	1	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	0	0	0
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°	2	2	2	2	2	2	2	2
134°	2	2	2	2	2	2	2	2
135°	2	2	2	2	2	2	2	2
136°	2	2	2	2	2	2	2	2
137°	2	2	2	3	3	3	3	3
138°	3	3	3	3	3	3	3	3
139°	3	3	3	3	3	3	3	3
140°	3	3	3	4	4	4	4	4
141°	4	4	4	4	4	4	4	4
142°	4	4	4	4	4	4	4	4
143°	5	5	5	5	5	5	5	5
144°	5	5	5	5	5	5	5	5
145°	5	5	5	6	6	6	6	6
146°	6	6	6	6	6	6	6	6

Luminous Intensity (cd) Distribution Data

C / γ	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
147°	6	6	6	6	6	6	6	6
148°	7	7	7	7	7	7	7	7
149°	7	7	7	7	7	7	7	7
150°	7	7	7	7	7	7	7	7
151°	8	8	8	8	8	8	8	8
152°	8	8	8	8	8	8	8	8
153°	8	8	8	8	8	8	8	9
154°	9	9	9	9	9	9	9	9
155°	9	9	9	9	9	9	9	9
156°	9	9	9	9	9	9	9	9
157°	10	10	10	10	10	10	10	10
158°	10	10	10	10	10	10	10	10
159°	10	10	10	10	10	10	10	10
160°	10	10	10	10	10	10	10	10
161°	10	10	10	10	10	10	10	10
162°	11	11	11	11	11	11	11	11
163°	11	11	11	11	11	11	11	11
164°	11	11	11	11	11	11	11	11
165°	11	11	11	11	11	11	11	11
166°	11	10	10	10	10	10	10	10
167°	10	10	10	10	10	10	10	10
168°	10	10	10	10	10	10	10	10
169°	10	10	10	10	10	10	10	10
170°	10	10	10	10	10	10	10	10
171°	10	10	10	10	10	9	9	10
172°	9	9	9	9	9	9	9	9
173°	9	9	9	9	9	9	9	9
174°	9	9	9	9	9	9	9	9
175°	9	9	9	9	9	9	9	9
176°	9	9	9	9	8	8	8	8
177°	8	8	8	8	8	8	8	8
178°	8	8	8	8	8	8	8	8
179°	8	8	8	8	8	8	8	8
180°	7	7	7	7	7	7	7	7

Luminous Intensity (cd) Distribution Data (cont.)

C / γ	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
0°	7696	7696	7696	7696	7696	7696	7696	7696
1°	7616	7628	7651	7670	7687	7716	7718	7716
2°	7542	7555	7561	7559	7574	7620	7662	7671
3°	7421	7433	7435	7417	7415	7465	7527	7553
4°	7291	7285	7285	7300	7306	7340	7387	7430
5°	7168	7147	7151	7179	7222	7260	7290	7340
6°	6992	7000	7011	7037	7106	7149	7183	7216
7°	6816	6805	6853	6886	6949	7006	7051	7058
8°	6623	6590	6665	6712	6760	6851	6895	6913
9°	6440	6389	6444	6508	6562	6677	6729	6765
10°	6239	6200	6248	6311	6355	6473	6563	6594
11°	6068	6048	6073	6121	6184	6261	6376	6424
12°	5906	5902	5917	5947	6003	6087	6183	6242
13°	5749	5721	5743	5776	5821	5925	5994	6063
14°	5565	5554	5566	5589	5656	5755	5815	5857
15°	5385	5370	5371	5421	5499	5576	5631	5647
16°	5190	5178	5175	5252	5316	5383	5427	5453
17°	4997	4981	4993	5068	5135	5204	5247	5260
18°	4813	4826	4809	4885	4946	5025	5049	5073
19°	4622	4639	4643	4695	4759	4833	4847	4874
20°	4437	4450	4467	4503	4568	4633	4651	4658
21°	4256	4274	4291	4329	4371	4437	4455	4461
22°	4068	4080	4097	4128	4183	4233	4246	4270
23°	3869	3884	3903	3928	3964	4031	4055	4078
24°	3644	3666	3689	3699	3754	3809	3848	3874
25°	3360	3399	3435	3464	3534	3591	3631	3670
26°	3052	3093	3147	3169	3249	3331	3400	3445
27°	2741	2761	2798	2849	2935	3038	3139	3185
28°	2451	2455	2443	2504	2603	2708	2828	2875
29°	2204	2181	2155	2189	2273	2360	2477	2522
30°	1973	1960	1954	1971	2003	2062	2148	2204
31°	1797	1794	1782	1789	1813	1852	1910	1959
32°	1625	1610	1609	1615	1636	1679	1732	1764
33°	1341	1332	1333	1346	1375	1420	1472	1503
34°	1056	1054	1058	1078	1113	1160	1211	1242
35°	772	776	782	810	852	901	951	981
36°	636	634	645	654	675	699	729	745
37°	536	542	550	566	585	605	620	630
38°	440	454	473	488	503	522	532	541
39°	347	355	384	415	433	450	458	458
40°	244	249	276	299	319	340	358	362
41°	194	194	201	214	222	237	249	255
42°	171	170	172	173	176	182	189	194
43°	159	158	158	159	161	164	168	170
44°	151	150	150	151	152	154	156	158
45°	143	143	143	143	144	147	149	150
46°	135	135	135	136	137	140	142	143
47°	128	127	127	128	129	133	134	135
48°	124	124	124	124	125	126	127	128

Luminous Intensity (cd) Distribution Data (cont.)

C / γ	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
49°	121	121	121	121	122	123	124	124
50°	119	118	119	119	120	121	121	122
51°	116	116	116	117	117	118	119	119
52°	113	113	113	114	115	116	116	117
53°	110	111	111	111	112	113	114	114
54°	108	108	108	109	109	110	111	111
55°	105	105	105	106	107	108	108	109
56°	102	102	103	103	104	105	106	106
57°	100	100	100	101	101	102	103	103
58°	97	97	97	98	99	100	100	101
59°	94	94	95	95	96	97	98	98
60°	92	92	92	93	93	94	95	95
61°	89	89	89	90	91	92	92	93
62°	86	86	87	87	88	89	90	90
63°	84	84	84	85	86	86	87	87
64°	81	81	82	82	83	84	84	85
65°	78	79	79	80	80	81	82	82
66°	76	76	76	77	77	78	79	79
67°	73	73	73	74	74	75	76	76
68°	70	70	70	71	72	72	73	73
69°	67	67	67	68	69	69	70	70
70°	64	64	64	65	65	66	67	67
71°	61	61	61	62	62	63	64	64
72°	57	58	58	58	59	60	61	61
73°	54	54	55	55	56	57	57	58
74°	51	51	51	52	52	53	54	54
75°	47	47	48	48	49	50	50	51
76°	44	44	44	45	45	46	47	47
77°	40	40	40	41	42	42	43	44
78°	36	36	37	37	38	39	39	40
79°	32	32	33	33	34	35	35	36
80°	28	28	29	29	30	31	31	32
81°	24	24	24	25	26	26	27	28
82°	20	20	20	21	21	22	23	23
83°	16	16	16	16	17	18	19	19
84°	11	11	12	12	13	14	14	15
85°	7	7	7	8	9	10	10	11
86°	3	3	3	4	5	5	6	6
87°	0	0	1	1	1	2	2	3
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°	1	1	1	0	0	0	0	0
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°	1	1	1	1	1	1	1	1
142°	1	1	1	1	1	1	1	1
143°	1	2	1	1	1	1	1	1
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 (cont.)

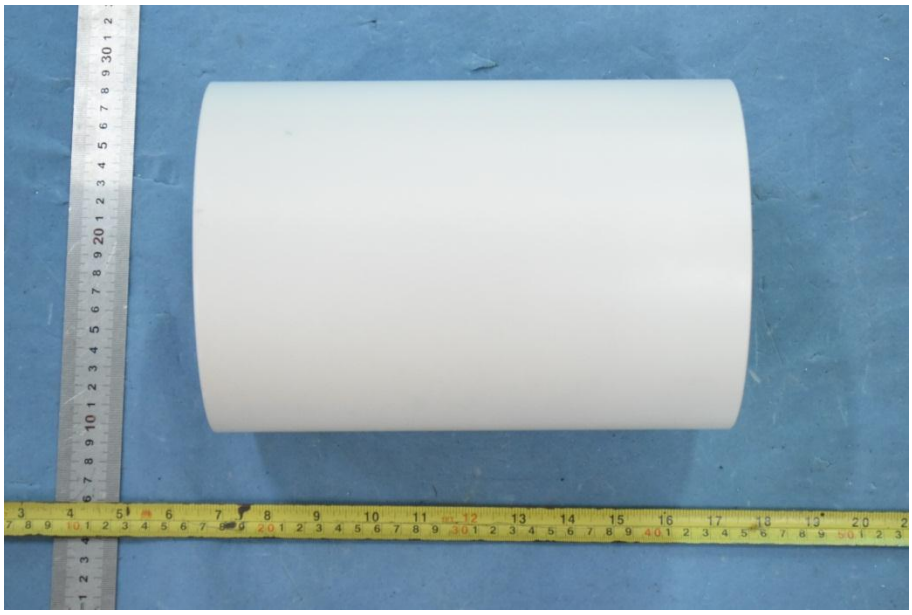
C / γ	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
147°	2	2	2	2	2	2	2	2
148°	2	2	2	2	2	2	2	2
149°	2	2	2	2	2	2	2	2
150°	2	2	2	2	2	2	2	2
151°	2	2	2	2	2	2	2	2
152°	3	3	3	3	3	3	3	2
153°	3	3	3	3	3	3	3	3
154°	3	3	3	3	3	3	3	3
155°	3	3	3	3	3	3	3	3
156°	3	3	3	3	3	3	3	3
157°	3	3	3	3	3	3	3	3
158°	3	3	3	3	3	3	3	3
159°	4	4	4	4	4	4	4	4
160°	4	4	4	4	4	4	4	4
161°	4	4	4	4	4	4	4	4
162°	4	4	4	4	4	4	4	4
163°	4	4	4	4	4	4	4	4
164°	4	4	4	4	4	4	4	4
165°	4	4	4	4	4	4	4	4
166°	4	4	4	4	4	4	4	4
167°	4	4	4	4	4	4	4	4
168°	4	4	4	4	4	4	4	4
169°	4	4	4	4	4	4	4	4
170°	5	5	5	4	4	4	4	4
171°	5	5	5	5	5	5	5	5
172°	5	5	5	5	5	5	5	5
173°	5	5	5	5	5	5	5	5
174°	5	5	5	5	5	5	5	5
175°	6	6	6	6	6	6	6	6
176°	6	6	6	6	6	6	6	6
177°	6	6	6	6	6	6	6	6
178°	7	7	7	7	7	7	7	7
179°	7	7	7	7	7	7	7	7
180°	7	7	7	7	7	7	7	7

Zonal Lumen Density Measurement

Deg	Flux (lm)	%
0-5	177.9	3.71
5-10	489.0	10.20
10-15	707.4	14.76
15-20	831.5	17.34
20-25	855.5	17.84
25-30	709.1	14.79
30-35	458.1	9.56
35-40	190.7	3.98
40-45	71.5	1.49
45-50	53.2	1.11
50-55	49.8	1.04
55-60	46.7	0.97
60-65	42.6	0.89
65-70	37.4	0.78
70-75	30.4	0.63
75-80	21.6	0.45
80-85	11.0	0.23
85-90	1.5	0.03
90-95	0.0	0.00
95-100	0.0	0.01
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	0.00
125-130	0.2	0.01
130-135	0.4	0.01
135-140	0.7	0.01
140-145	1.0	0.02
145-150	1.2	0.03
150-155	1.4	0.02
155-160	1.4	0.03
160-165	1.2	0.03
165-170	0.9	0.02
170-175	0.5	0.01
175-180	0.2	0.00

Deg	Flux (lm)	%
0-5	177.9	3.71
0-10	666.9	13.91
0-15	1374.3	28.67
0-20	2205.7	46.01
0-25	3061.3	63.85
0-30	3770.3	78.64
0-35	4228.4	88.20
0-40	4419.1	92.18
0-45	4490.6	93.67
0-50	4543.8	94.78
0-55	4593.7	95.82
0-60	4640.4	96.79
0-65	4683.0	97.68
0-70	4720.4	98.46
0-75	4750.8	99.09
0-80	4772.4	99.54
0-85	4783.3	99.77
0-90	4784.8	99.80
0-95	4784.9	99.80
0-100	4784.9	99.81
0-105	4784.9	99.81
0-110	4785.0	99.81
0-115	4785.0	99.81
0-120	4785.1	99.81
0-125	4785.2	99.81
0-130	4785.4	99.82
0-135	4785.9	99.83
0-140	4786.5	99.84
0-145	4787.5	99.86
0-150	4788.8	99.89
0-155	4790.1	99.91
0-160	4791.5	99.94
0-165	4792.7	99.97
0-170	4793.5	99.99
0-175	4794.0	100.00
0-180	4794.2	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**********