



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/KDIM120V/NR/WH/WH

Report Type:	Electrical and Photometric tests including: Luminous Flux, Luminous Intensity Distribution
Reviewed By:	Hexy He <i>Hexy He</i>
Report Number:	KS2210917-48737E-10-1
Test Date:	2021-10-12
Report Date:	2021-11-19
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: PXCYL6/SM/LEL9027/KDIM120V/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: 120V AC 60Hz
 Rated Power: 60W
 Nominal CCT: 2700K
 Nominal Lumen Output: 4450lm

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**

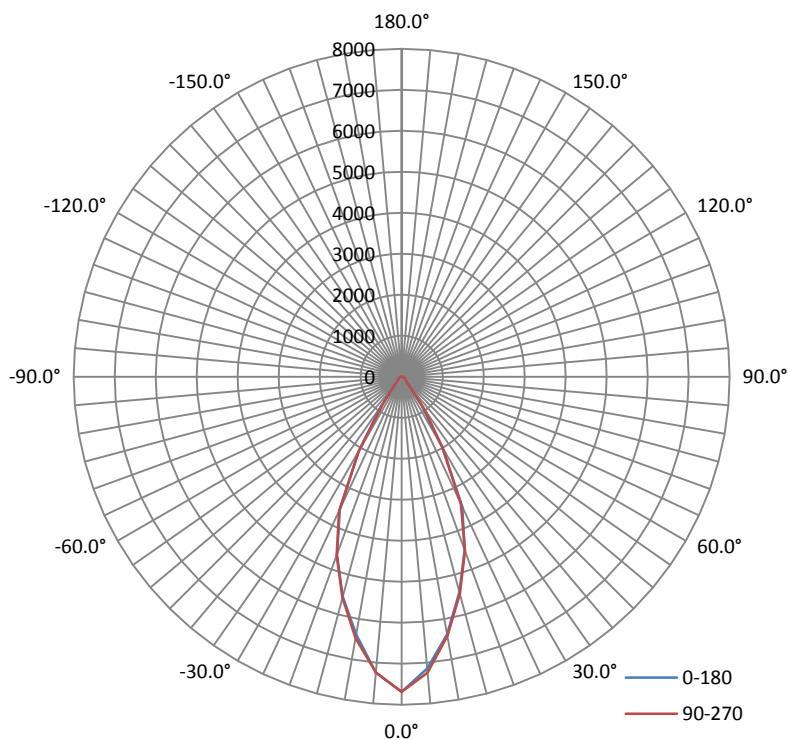
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.1	60	0.5185	58.10	0.9329

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I _{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
4738.41	81.56	7699	0.71	0.72

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I _{max}):	47.2	47.3	47.4	47.6	47.4
Field Angle (10% I _{max}):	70.9	71.0	70.8	71.0	70.9

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0°	7686	7686	7686	7686	7686	7686	7686	7686
1°	7607	7614	7634	7621	7631	7659	7654	7665
2°	7505	7528	7530	7515	7537	7572	7621	7610
3°	7470	7450	7477	7423	7444	7473	7488	7472
4°	7384	7412	7436	7392	7356	7409	7373	7348
5°	7244	7321	7350	7279	7241	7273	7281	7256
6°	7120	7138	7158	7135	7112	7114	7130	7112
7°	7010	6966	6941	6973	7007	7012	6993	6918
8°	6822	6849	6806	6820	6830	6852	6844	6813
9°	6594	6603	6601	6602	6652	6653	6654	6659
10°	6385	6338	6355	6400	6474	6496	6447	6480
11°	6169	6182	6164	6220	6282	6300	6325	6286
12°	6034	6019	6028	6039	6086	6152	6192	6153
13°	5903	5841	5852	5888	5942	6000	6000	5945
14°	5733	5713	5673	5738	5777	5827	5831	5755
15°	5552	5538	5515	5531	5577	5629	5641	5571
16°	5378	5352	5332	5363	5395	5461	5434	5358
17°	5193	5178	5164	5186	5219	5258	5210	5191
18°	4991	4987	4993	4980	5013	5031	5019	5011
19°	4816	4787	4792	4801	4823	4837	4814	4816
20°	4619	4600	4612	4627	4640	4642	4599	4608
21°	4410	4416	4447	4443	4441	4446	4441	4426
22°	4226	4228	4253	4233	4246	4250	4253	4238
23°	4020	4019	4047	4034	4054	4075	4050	4033
24°	3801	3829	3845	3840	3851	3865	3865	3852
25°	3563	3589	3619	3591	3618	3640	3660	3648
26°	3287	3301	3337	3328	3376	3409	3390	3400
27°	2949	2981	3039	3031	3057	3096	3126	3120
28°	2626	2648	2678	2666	2706	2753	2794	2777
29°	2356	2343	2307	2319	2367	2410	2443	2416
30°	2104	2089	2054	2059	2088	2119	2135	2116
31°	1889	1881	1860	1854	1864	1894	1910	1894
32°	1728	1703	1670	1648	1651	1685	1702	1710
33°	1513	1466	1421	1385	1375	1405	1439	1467
34°	1226	1163	1116	1067	1053	1079	1122	1172
35°	909	869	826	789	773	798	827	871
36°	693	668	659	645	645	664	675	689
37°	581	581	570	562	563	576	585	586
38°	483	485	483	480	482	489	496	500
39°	385	388	395	398	401	402	406	413
40°	281	274	281	286	279	287	293	300
41°	211	202	197	196	193	198	209	218
42°	179	171	167	163	164	167	172	180
43°	162	157	154	151	152	154	158	163
44°	152	149	146	144	144	146	149	153
45°	145	141	139	137	137	139	143	146
46°	137	133	131	129	129	131	135	139
47°	129	127	125	123	123	125	128	131
48°	125	123	121	119	120	121	124	127

Luminous Intensity (cd) Distribution Data

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

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°	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°	3	3	3	3	3	3	3	3
138°	3	3	3	3	3	3	3	3
139°	3	3	3	3	3	3	3	3
140°	4	4	4	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°	6	6	6	5	5	5	6	6
146°	6	6	6	6	6	6	6	6

Luminous Intensity (cd) Distribution Data

C y	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	8
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°	10	10	10	10	10	10	10	10
163°	10	11	11	11	10	10	10	10
164°	11	11	11	10	10	10	11	11
165°	10	10	10	10	10	10	10	10
166°	10	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	9	9	9	10	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°	8	8	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.)

$\begin{matrix} C \\ \backslash \\ Y \end{matrix}$	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
0°	7686	7686	7686	7686	7686	7686	7686	7686
1°	7633	7682	7699	7671	7619	7642	7675	7644
2°	7521	7538	7576	7562	7524	7559	7563	7525
3°	7382	7374	7421	7409	7441	7511	7514	7461
4°	7273	7307	7352	7331	7336	7366	7434	7391
5°	7144	7182	7228	7226	7243	7256	7286	7267
6°	7039	7025	7063	7077	7097	7153	7151	7145
7°	6903	6914	6917	6931	6932	6969	7000	7016
8°	6731	6753	6761	6797	6798	6799	6819	6816
9°	6569	6539	6570	6617	6638	6615	6625	6578
10°	6381	6350	6377	6401	6422	6439	6445	6403
11°	6183	6186	6189	6227	6234	6274	6301	6251
12°	6012	5968	5979	6029	6062	6101	6109	6068
13°	5828	5775	5801	5820	5862	5899	5914	5894
14°	5627	5626	5643	5656	5669	5678	5728	5721
15°	5438	5433	5444	5468	5485	5500	5510	5540
16°	5276	5240	5269	5249	5295	5300	5311	5326
17°	5073	5095	5110	5089	5083	5085	5116	5149
18°	4878	4904	4890	4906	4900	4911	4922	4947
19°	4705	4704	4717	4716	4719	4716	4705	4743
20°	4495	4524	4518	4526	4514	4517	4531	4559
21°	4316	4340	4319	4340	4321	4335	4340	4362
22°	4129	4117	4129	4136	4129	4143	4136	4156
23°	3924	3920	3912	3919	3915	3921	3939	3949
24°	3719	3708	3704	3692	3690	3694	3727	3729
25°	3501	3456	3443	3427	3414	3423	3443	3455
26°	3245	3180	3159	3115	3102	3098	3113	3142
27°	2939	2877	2847	2790	2748	2757	2782	2823
28°	2594	2538	2497	2449	2424	2445	2454	2507
29°	2276	2215	2165	2161	2164	2190	2197	2225
30°	2007	1974	1954	1961	1974	1998	2009	2017
31°	1804	1793	1790	1799	1820	1839	1849	1850
32°	1633	1629	1634	1652	1678	1695	1701	1687
33°	1369	1385	1405	1426	1446	1454	1447	1417
34°	1105	1141	1175	1200	1213	1213	1193	1148
35°	843	898	945	973	980	972	938	880
36°	678	693	710	724	719	719	704	677
37°	571	580	582	592	586	589	583	567
38°	476	473	470	473	468	472	475	465
39°	380	374	370	372	374	370	375	368
40°	275	282	285	292	295	287	286	269
41°	212	220	229	233	233	228	221	211
42°	182	191	198	201	202	199	192	183
43°	164	171	175	178	179	176	172	166
44°	154	160	164	166	166	164	161	156
45°	148	152	156	157	158	156	153	148
46°	141	145	148	149	149	148	145	139
47°	134	137	142	143	143	140	137	131
48°	128	130	135	136	136	132	129	126

Luminous Intensity (cd) Distribution Data (cont.)

C y	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
49°	124	126	129	130	129	128	126	123
50°	122	125	126	127	126	125	124	120
51°	119	122	124	125	124	123	121	118
52°	117	119	121	121	121	120	118	115
53°	114	117	119	119	118	117	115	112
54°	111	114	116	116	116	114	112	109
55°	109	111	113	113	113	111	109	106
56°	106	108	110	110	110	108	107	104
57°	103	106	107	108	107	106	104	101
58°	101	103	104	105	104	103	101	98
59°	98	100	102	102	101	100	98	96
60°	95	97	99	99	99	97	96	93
61°	92	94	96	96	96	95	93	90
62°	90	92	94	94	93	92	90	88
63°	87	89	91	91	91	89	88	85
64°	85	86	88	88	88	87	85	82
65°	82	84	85	85	85	84	82	80
66°	79	81	82	83	82	81	80	77
67°	76	78	79	80	79	78	77	74
68°	73	75	76	77	76	75	74	72
69°	70	72	73	74	73	72	71	69
70°	67	69	70	71	70	69	68	66
71°	64	66	67	67	67	66	65	62
72°	61	63	64	64	64	63	62	60
73°	57	59	60	61	61	60	58	56
74°	54	56	57	58	57	57	55	53
75°	50	52	54	54	54	53	52	50
76°	47	49	50	51	50	50	48	46
77°	43	45	46	47	47	46	45	42
78°	39	41	42	43	43	42	41	39
79°	35	37	38	39	39	38	37	35
80°	31	33	34	35	35	34	33	31
81°	27	29	30	31	31	30	29	27
82°	23	25	26	26	26	26	25	23
83°	18	20	21	22	22	21	20	19
84°	14	16	17	18	18	17	16	14
85°	10	11	13	13	13	13	12	10
86°	6	7	8	9	9	8	7	6
87°	2	3	4	4	4	4	3	2
88°	0	0	1	1	1	1	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°	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	1	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.)

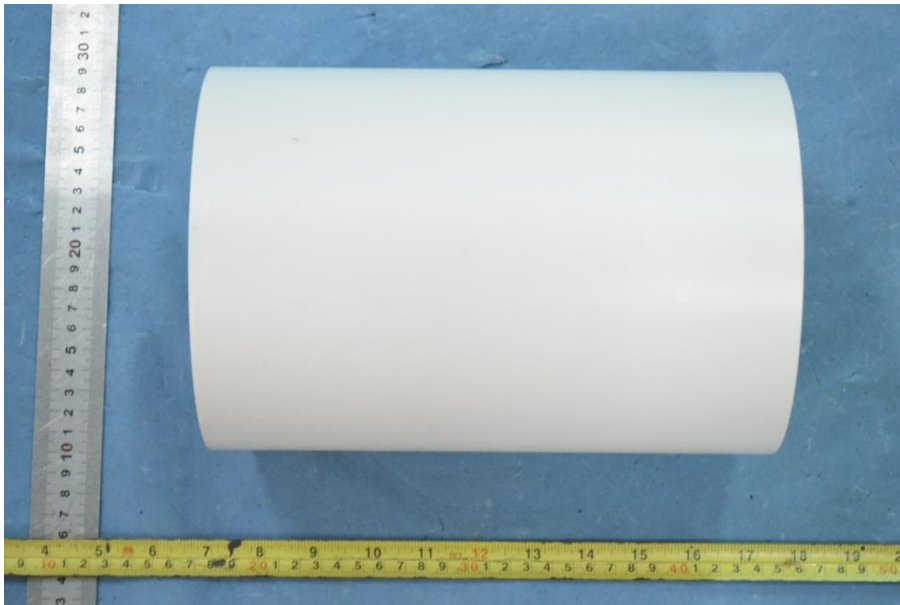
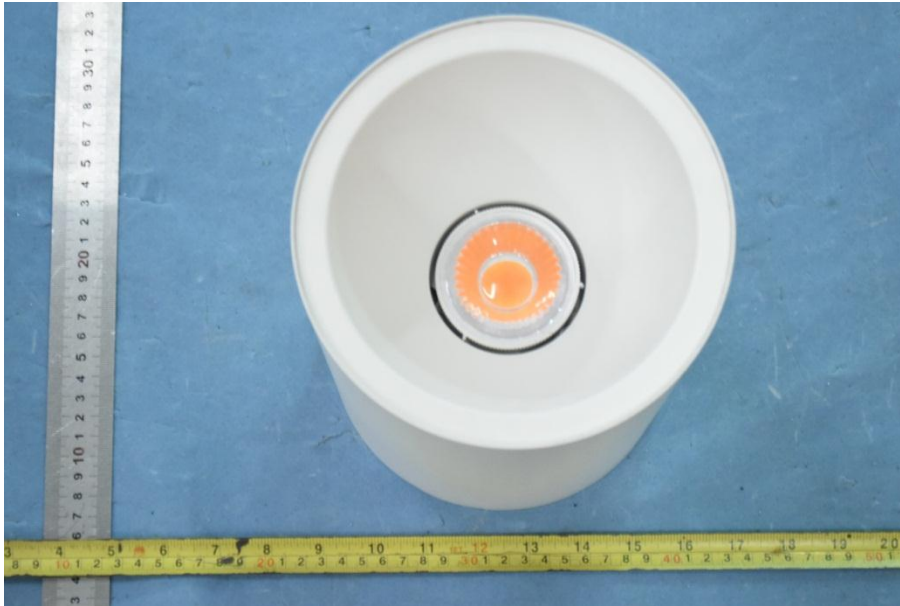
$\begin{matrix} C \\ \backslash \\ Y \end{matrix}$	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
147°	2	2	2	2	2	2	2	2
148°	2	2	2	2	2	2	2	2
149°	2	2	2	2	2	2	2	2
150°	2	2	2	2	2	2	2	2
151°	2	2	2	2	2	2	2	2
152°	2	2	3	3	2	2	2	2
153°	3	3	3	3	3	3	3	3
154°	3	3	3	3	3	3	3	3
155°	3	3	3	3	3	3	3	3
156°	3	3	3	3	3	3	3	3
157°	3	3	3	3	3	3	3	3
158°	3	3	3	3	3	3	3	3
159°	3	3	4	3	3	3	3	3
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°	4	4	4	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	177.5	3.75
5-10	488.0	10.30
10-15	705.3	14.88
15-20	828.9	17.49
20-25	851.4	17.97
25-30	695.9	14.69
30-35	441.6	9.32
35-40	179.3	3.78
40-45	68.5	1.45
45-50	52.9	1.11
50-55	49.6	1.05
55-60	46.4	0.98
60-65	42.2	0.89
65-70	37.1	0.78
70-75	30.3	0.64
75-80	21.6	0.46
80-85	11.1	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	177.5	3.75
0-10	665.5	14.05
0-15	1370.9	28.93
0-20	2199.7	46.42
0-25	3051.1	64.39
0-30	3747.0	79.08
0-35	4188.6	88.40
0-40	4367.9	92.18
0-45	4436.5	93.63
0-50	4489.4	94.74
0-55	4538.9	95.79
0-60	4585.3	96.77
0-65	4627.5	97.66
0-70	4664.6	98.44
0-75	4694.9	99.08
0-80	4716.5	99.54
0-85	4727.6	99.77
0-90	4729.1	99.80
0-95	4729.1	99.80
0-100	4729.2	99.81
0-105	4729.2	99.81
0-110	4729.3	99.81
0-115	4729.3	99.81
0-120	4729.4	99.81
0-125	4729.5	99.81
0-130	4729.7	99.82
0-135	4730.1	99.83
0-140	4730.8	99.84
0-145	4731.8	99.86
0-150	4733.0	99.89
0-155	4734.3	99.91
0-160	4735.7	99.94
0-165	4736.9	99.97
0-170	4737.7	99.99
0-175	4738.2	100.00
0-180	4738.4	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*****