



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/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:	KS2210917-48736E-10-2
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: PXCYL4/SM/LES9027/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: 120V AC 60Hz
 Rated Power: 31.5W
 Nominal CCT: 2700K
 Nominal Lumen Output: 1970lm

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**

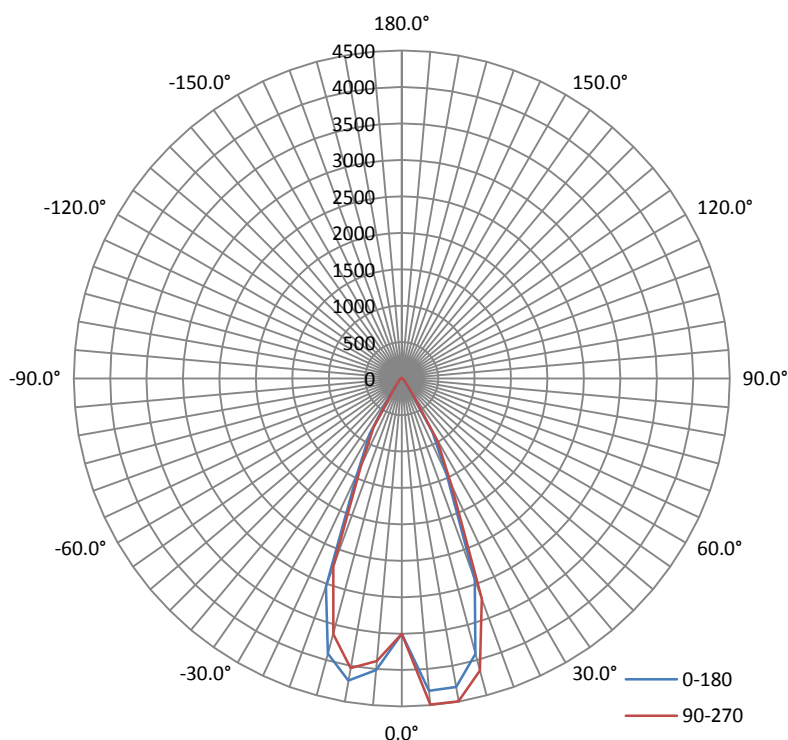
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.0	60	0.2602	30.89	0.9892

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I _{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
2557.38	82.79	4553	0.70	0.73

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I _{max}):	45.0	44.5	44.5	44.9	44.7
Field Angle (10% I _{max}):	66.7	66.8	66.6	66.8	66.7

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0°	3500	3500	3500	3500	3500	3500	3500	3500
1°	3541	3456	3397	3346	3327	3341	3394	3472
2°	3698	3576	3480	3407	3384	3419	3506	3621
3°	3835	3740	3671	3598	3577	3628	3722	3817
4°	3916	3851	3823	3775	3774	3833	3915	3989
5°	4015	3959	3932	3892	3888	3959	4045	4127
6°	4155	4085	4049	4014	3981	4066	4136	4229
7°	4202	4136	4133	4106	4086	4153	4208	4276
8°	4251	4158	4150	4119	4107	4158	4208	4265
9°	4233	4164	4130	4084	4063	4105	4170	4231
10°	4207	4130	4096	4062	4034	4077	4126	4210
11°	4154	4076	4033	4012	3997	4028	4078	4156
12°	4117	4025	3973	3951	3929	3959	4022	4100
13°	4070	3966	3925	3893	3863	3906	3950	4043
14°	4000	3900	3824	3796	3772	3810	3870	3963
15°	3908	3794	3720	3659	3632	3667	3747	3840
16°	3779	3653	3573	3508	3497	3522	3599	3701
17°	3645	3497	3409	3348	3333	3361	3439	3556
18°	3467	3319	3219	3166	3143	3177	3269	3384
19°	3261	3107	3012	2957	2959	3000	3069	3175
20°	3041	2884	2781	2760	2742	2770	2840	2945
21°	2739	2603	2531	2527	2520	2524	2569	2682
22°	2423	2301	2225	2229	2225	2228	2273	2360
23°	2065	1954	1891	1899	1906	1921	1954	2026
24°	1739	1642	1592	1580	1594	1601	1648	1693
25°	1465	1389	1338	1316	1329	1327	1361	1406
26°	1262	1193	1147	1133	1139	1137	1156	1200
27°	1124	1064	1024	1014	1017	1014	1033	1071
28°	1025	974	943	926	925	922	945	980
29°	944	899	869	848	843	843	865	903
30°	872	824	797	774	767	767	788	823
31°	795	747	723	699	687	685	702	733
32°	708	660	628	600	565	559	574	609
33°	587	527	499	478	436	432	438	482
34°	433	395	371	355	307	305	302	354
35°	279	262	242	232	230	225	221	226
36°	206	189	176	169	170	167	164	171
37°	153	146	139	137	138	138	138	141
38°	132	130	127	127	126	125	125	128
39°	123	121	120	119	119	117	117	118
40°	116	115	114	113	113	111	110	111
41°	109	107	106	104	103	101	100	101
42°	99	97	95	92	88	86	86	87
43°	86	83	80	78	75	74	74	75
44°	74	72	70	68	67	66	66	66
45°	66	65	65	64	63	62	62	62
46°	62	62	61	61	60	59	59	59
47°	59	58	58	58	56	56	56	56
48°	55	55	55	54	53	53	52	52

Luminous Intensity (cd) Distribution Data

$\begin{matrix} C \\ \backslash \\ Y \end{matrix}$	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
49°	52	51	51	50	49	49	49	49
50°	49	48	48	47	47	47	47	47
51°	47	46	46	46	46	46	45	45
52°	45	45	45	45	45	45	44	44
53°	44	45	44	44	44	44	44	44
54°	44	44	44	44	43	43	43	43
55°	43	43	43	43	43	42	42	42
56°	42	42	42	42	42	42	41	41
57°	41	41	41	41	41	41	40	40
58°	40	40	40	40	40	40	40	39
59°	39	39	39	39	39	39	38	38
60°	38	38	38	38	38	38	37	37
61°	37	37	37	37	37	36	36	36
62°	35	36	36	36	35	35	35	35
63°	34	34	34	34	34	34	34	34
64°	33	33	33	33	33	32	32	32
65°	31	31	31	31	31	31	31	31
66°	30	30	30	30	30	30	29	29
67°	28	28	29	28	28	28	28	28
68°	27	27	27	27	27	27	26	26
69°	25	25	26	25	25	25	25	25
70°	24	24	24	24	24	24	23	23
71°	22	22	23	23	22	22	22	22
72°	21	21	21	21	21	21	21	20
73°	19	20	20	20	19	19	19	19
74°	18	18	18	18	18	18	18	17
75°	17	17	17	17	17	16	16	16
76°	15	15	15	15	15	15	15	15
77°	14	14	14	14	14	14	13	13
78°	12	13	13	12	12	12	12	12
79°	11	11	11	11	11	11	11	10
80°	10	10	10	10	9	9	9	9
81°	8	8	8	8	8	8	8	8
82°	7	7	7	7	6	6	6	6
83°	5	5	5	5	5	5	5	5
84°	4	4	4	4	3	3	3	3
85°	3	2	2	2	2	2	2	2
86°	1	1	1	1	1	1	1	1
87°	0	0	0	0	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°	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	2	2	2	1	1
138°	2	2	2	2	2	2	2	2
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°	3	3	3	3	3	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	3	3	3	3
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	4	4
149°	4	4	4	4	4	4	4	4
150°	4	5	5	5	5	5	5	5
151°	5	5	5	5	5	5	5	5
152°	5	5	5	5	5	5	5	5
153°	5	5	5	5	5	5	5	5
154°	5	5	5	5	5	5	5	5
155°	6	6	6	6	6	6	6	6
156°	6	6	6	6	6	6	6	6
157°	6	6	6	6	6	6	6	6
158°	6	6	6	6	6	6	6	6
159°	6	6	6	6	6	6	6	6
160°	6	6	6	6	6	6	6	6
161°	6	6	6	6	6	6	6	7
162°	6	6	6	6	6	6	7	7
163°	6	6	6	6	6	6	7	7
164°	6	6	6	6	6	6	7	7
165°	6	6	6	6	6	6	6	7
166°	6	6	6	6	6	6	6	6
167°	6	6	6	6	6	6	6	6
168°	6	6	6	6	6	6	6	6
169°	6	6	6	6	6	6	6	6
170°	6	6	6	6	6	6	6	6
171°	6	6	6	6	6	6	6	6
172°	6	5	5	5	5	6	6	6
173°	5	5	5	5	5	5	5	6
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	5	5
178°	5	4	4	4	4	5	5	5
179°	4	4	4	4	4	4	4	5
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°	3500	3500	3500	3500	3500	3500	3500	3500
1°	3641	3722	3783	3791	3811	3788	3740	3679
2°	3833	3909	3976	4013	4040	4006	3941	3859
3°	4008	4036	4078	4076	4088	4095	4038	3943
4°	4170	4199	4232	4253	4276	4269	4170	4032
5°	4298	4343	4400	4460	4489	4424	4290	4164
6°	4358	4428	4463	4522	4534	4485	4362	4282
7°	4353	4430	4485	4501	4516	4508	4397	4323
8°	4344	4433	4507	4523	4553	4520	4406	4327
9°	4315	4412	4501	4542	4549	4485	4379	4299
10°	4295	4378	4448	4492	4495	4445	4346	4281
11°	4232	4315	4413	4440	4453	4398	4315	4242
12°	4170	4259	4380	4420	4391	4327	4264	4198
13°	4116	4202	4327	4362	4339	4270	4216	4145
14°	4028	4121	4218	4279	4268	4187	4147	4054
15°	3913	3994	4102	4157	4150	4098	4056	3955
16°	3767	3860	3956	4027	4043	4004	3940	3837
17°	3603	3712	3795	3861	3866	3853	3781	3683
18°	3427	3540	3607	3682	3701	3664	3620	3504
19°	3202	3324	3417	3461	3479	3455	3403	3302
20°	2935	3072	3174	3195	3214	3200	3149	3040
21°	2623	2748	2852	2864	2880	2872	2824	2719
22°	2299	2397	2490	2512	2523	2511	2452	2342
23°	1955	2035	2112	2149	2159	2151	2099	1984
24°	1643	1714	1789	1827	1851	1847	1785	1659
25°	1466	1469	1533	1580	1611	1607	1533	1483
26°	1289	1339	1395	1394	1426	1450	1386	1307
27°	1115	1209	1257	1275	1291	1294	1238	1133
28°	1020	1079	1120	1156	1158	1139	1092	1042
29°	934	982	1029	1065	1068	1043	1005	958
30°	849	896	943	976	981	958	923	880
31°	747	804	857	886	902	878	843	801
32°	588	669	737	778	791	776	751	707
33°	390	459	541	597	628	632	621	571
34°	286	312	342	373	398	405	402	374
35°	214	232	247	260	261	257	260	258
36°	184	178	182	190	192	193	191	186
37°	155	158	161	167	168	169	168	156
38°	127	138	141	144	144	145	144	127
39°	116	118	120	121	121	122	120	120
40°	108	110	112	113	114	114	113	113
41°	97	99	101	102	105	106	106	106
42°	83	85	89	92	94	95	96	96
43°	72	74	76	77	79	80	82	81
44°	65	65	66	67	68	70	70	70
45°	61	61	61	61	62	62	63	64
46°	58	57	58	58	58	59	59	60
47°	55	55	55	55	55	56	56	57
48°	51	51	52	52	52	53	53	54

Luminous Intensity (cd) Distribution Data (cont.)

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

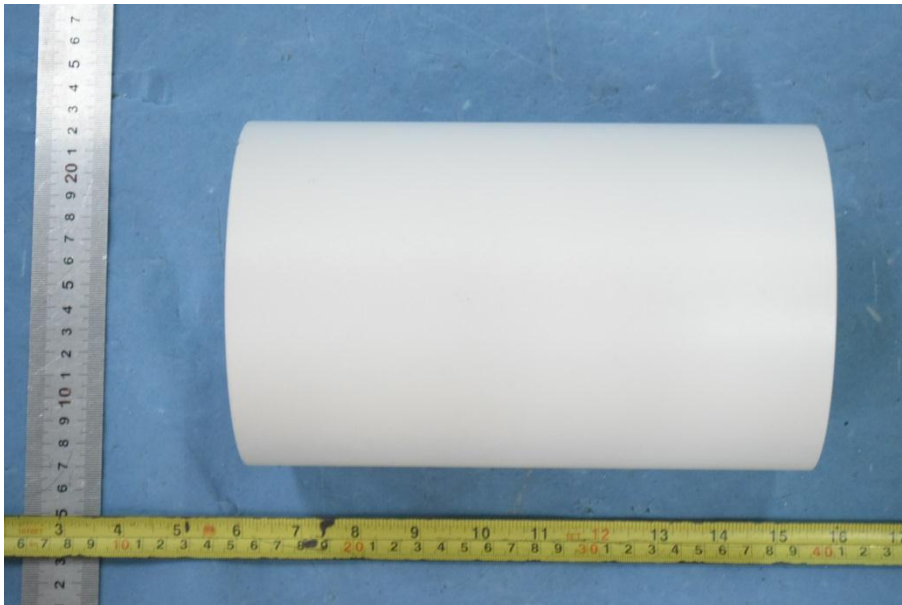
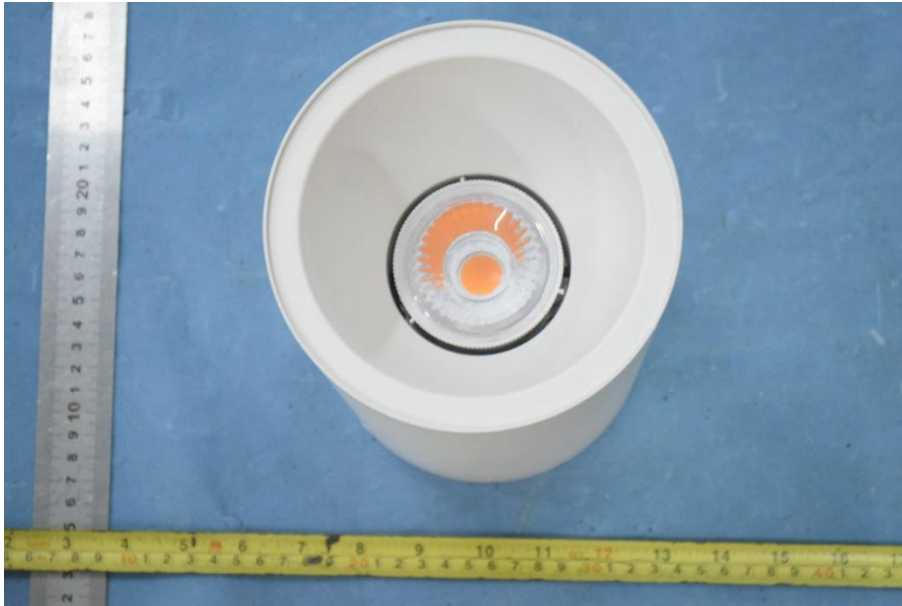
$\begin{matrix} C \\ \backslash \\ Y \end{matrix}$	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
147°	1	1	1	1	1	1	1	1
148°	1	1	1	1	1	1	1	1
149°	1	1	1	1	1	1	1	1
150°	1	1	1	1	1	1	1	1
151°	1	1	1	1	1	1	1	1
152°	1	1	1	1	1	1	1	1
153°	1	1	1	1	1	1	1	2
154°	2	2	2	2	2	2	2	2
155°	2	2	2	2	2	2	2	2
156°	2	2	2	2	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	3
169°	2	2	2	2	2	2	2	3
170°	2	2	2	2	2	2	3	3
171°	2	2	2	2	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	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

Zonal Lumen Density Measurement

Deg	Flux (lm)	%
0-5	93.8	3.67
5-10	306.2	11.97
10-15	486.5	19.02
15-20	572.6	22.39
20-25	455.3	17.81
25-30	278.3	10.88
30-35	167.5	6.55
35-40	50.7	1.99
40-45	31.5	1.23
45-50	22.0	0.86
50-55	19.1	0.74
55-60	18.2	0.72
60-65	16.4	0.64
65-70	13.5	0.53
70-75	10.2	0.40
75-80	6.7	0.26
80-85	3.1	0.12
85-90	0.3	0.01
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	0.01
135-140	0.4	0.01
140-145	0.6	0.02
145-150	0.7	0.03
150-155	0.8	0.03
155-160	0.8	0.04
160-165	0.7	0.03
165-170	0.5	0.01
170-175	0.3	0.02
175-180	0.1	0.00

Deg	Flux (lm)	%
0-5	93.8	3.67
0-10	400.0	15.64
0-15	886.5	34.66
0-20	1459.1	57.05
0-25	1914.4	74.86
0-30	2192.8	85.74
0-35	2360.3	92.29
0-40	2411.0	94.28
0-45	2442.5	95.51
0-50	2464.5	96.37
0-55	2483.6	97.11
0-60	2501.8	97.83
0-65	2518.2	98.47
0-70	2531.7	99.00
0-75	2541.9	99.40
0-80	2548.6	99.66
0-85	2551.7	99.78
0-90	2552.0	99.79
0-95	2552.0	99.79
0-100	2552.0	99.79
0-105	2552.0	99.79
0-110	2552.0	99.79
0-115	2552.0	99.79
0-120	2552.1	99.79
0-125	2552.1	99.79
0-130	2552.2	99.80
0-135	2552.4	99.81
0-140	2552.8	99.82
0-145	2553.4	99.84
0-150	2554.1	99.87
0-155	2554.9	99.90
0-160	2555.8	99.94
0-165	2556.5	99.97
0-170	2557.0	99.98
0-175	2557.3	100.00
0-180	2557.4	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*****