



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/MD/WH/WH

Report Type:	Electrical and Photometric tests including: Luminous Flux, Luminous Intensity Distribution
Reviewed By:	Hexy He <i>Hexy He</i>
Report Number:	KS2210917-48734E-10-3
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 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/KDIM010UNV/MD/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**

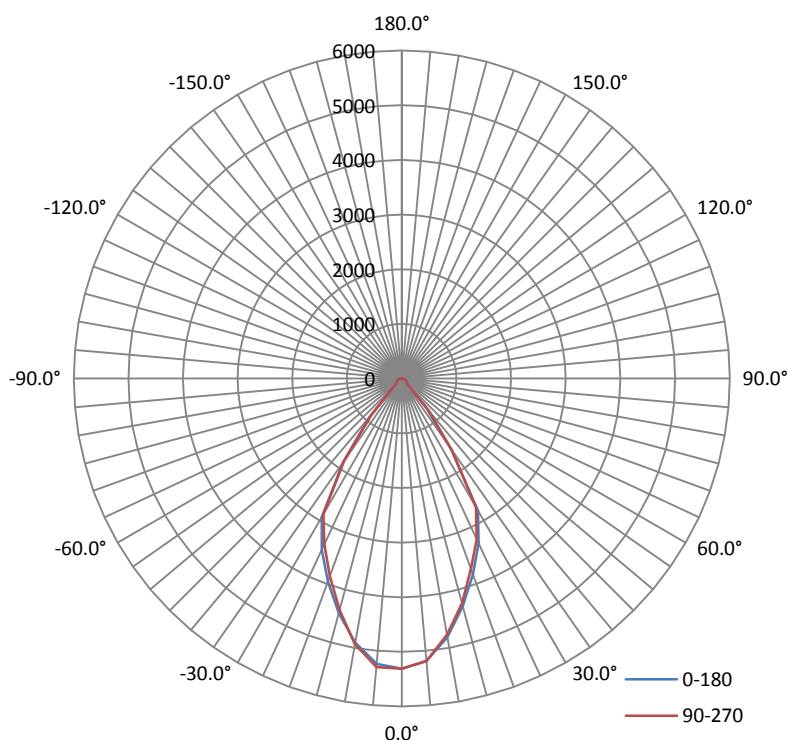
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
119.9	60	0.4609	54.75	0.9905

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I _{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
4811.97	87.89	5354	0.88	0.85

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I _{max}):	62.9	62.1	61.8	62.3	62.3
Field Angle (10% I _{max}):	83.1	83.0	83.0	83.1	83.1

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0°	5310	5310	5310	5310	5310	5310	5310	5310
1°	5320	5330	5338	5338	5342	5332	5327	5327
2°	5323	5336	5348	5346	5352	5354	5336	5339
3°	5309	5322	5334	5326	5338	5345	5330	5315
4°	5272	5287	5306	5316	5328	5327	5299	5285
5°	5238	5257	5280	5291	5296	5280	5257	5233
6°	5186	5203	5235	5251	5257	5228	5193	5173
7°	5130	5140	5168	5192	5203	5172	5132	5109
8°	5055	5071	5100	5117	5133	5110	5068	5048
9°	4976	5002	5021	5036	5046	5021	4985	4958
10°	4901	4918	4918	4927	4929	4919	4880	4862
11°	4811	4820	4818	4819	4816	4808	4782	4758
12°	4715	4722	4719	4710	4713	4706	4675	4654
13°	4625	4619	4610	4594	4595	4588	4562	4554
14°	4527	4514	4504	4479	4486	4475	4461	4458
15°	4439	4422	4408	4385	4385	4375	4365	4366
16°	4343	4337	4307	4287	4281	4265	4270	4277
17°	4250	4238	4209	4182	4174	4167	4172	4180
18°	4154	4140	4106	4067	4060	4060	4075	4088
19°	4055	4039	4005	3971	3954	3948	3963	3982
20°	3946	3934	3899	3858	3844	3845	3860	3876
21°	3847	3826	3790	3753	3743	3742	3756	3781
22°	3748	3736	3684	3653	3645	3644	3658	3670
23°	3655	3634	3591	3552	3547	3544	3550	3567
24°	3553	3542	3484	3442	3441	3443	3454	3466
25°	3453	3437	3385	3349	3342	3349	3359	3373
26°	3362	3343	3294	3264	3259	3267	3268	3280
27°	3273	3250	3204	3178	3180	3178	3179	3191
28°	3171	3155	3113	3092	3077	3091	3090	3100
29°	3063	3046	3021	2992	2976	2988	2977	2978
30°	2926	2916	2899	2878	2861	2860	2860	2849
31°	2789	2787	2777	2756	2731	2738	2729	2720
32°	2648	2654	2645	2628	2609	2608	2594	2576
33°	2490	2496	2493	2493	2442	2416	2377	2326
34°	2208	2230	2232	2222	2159	2100	2039	1971
35°	1860	1877	1893	1886	1836	1774	1725	1679
36°	1609	1612	1624	1624	1582	1548	1508	1476
37°	1418	1418	1425	1422	1381	1344	1309	1288
38°	1228	1232	1234	1223	1190	1162	1129	1114
39°	1069	1067	1067	1049	1024	996	967	956
40°	920	915	907	883	852	822	804	783
41°	747	741	729	704	666	635	619	590
42°	562	556	551	547	518	492	482	462
43°	411	403	397	390	369	350	344	335
44°	261	249	243	232	221	207	207	207
45°	198	192	186	180	173	167	164	161
46°	158	156	155	151	148	146	144	143
47°	141	140	140	139	138	138	137	137
48°	135	135	134	133	133	133	133	133

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
49°	131	131	131	130	130	130	129	129
50°	128	128	128	127	127	127	127	127
51°	126	126	125	125	125	125	124	125
52°	124	123	123	122	122	122	122	122
53°	121	121	121	120	120	120	119	120
54°	119	118	118	117	117	117	117	117
55°	116	116	115	115	115	114	114	115
56°	114	113	113	112	112	112	112	112
57°	111	111	110	110	110	109	109	110
58°	108	108	108	107	107	107	107	107
59°	106	106	105	105	105	104	104	105
60°	103	103	103	102	102	102	102	102
61°	101	100	100	100	99	99	99	99
62°	98	98	97	97	97	96	96	97
63°	95	95	95	94	94	94	94	94
64°	93	92	92	91	91	91	91	91
65°	90	89	89	89	88	88	88	88
66°	87	87	86	86	85	85	85	85
67°	84	84	83	83	82	82	82	82
68°	81	80	80	80	79	79	78	79
69°	78	77	77	76	76	75	75	75
70°	74	74	74	73	72	72	72	72
71°	71	70	70	69	69	69	68	68
72°	67	67	67	66	65	65	65	65
73°	64	63	63	62	62	61	61	61
74°	60	59	59	58	58	57	57	57
75°	56	55	55	54	54	53	53	53
76°	52	51	51	50	50	49	49	49
77°	48	48	47	46	46	45	45	45
78°	44	43	43	42	42	41	40	40
79°	40	39	39	38	37	37	36	36
80°	35	35	34	34	33	32	32	32
81°	31	31	30	29	29	28	28	27
82°	27	26	26	25	24	24	23	23
83°	22	22	21	21	20	19	19	18
84°	18	17	17	16	15	15	14	14
85°	13	13	12	12	11	10	10	9
86°	9	8	8	7	6	6	6	6
87°	6	6	5	4	3	3	3	3
88°	3	3	3	1	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°	1	1	1	1	1	1	1	1
124°	1	1	1	1	1	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°	2	2	2	2	2	2	2	2
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	2	2	2	2	3
138°	3	3	3	3	3	3	3	3
139°	3	3	3	3	3	3	3	3
140°	3	3	3	3	3	3	3	3
141°	4	4	4	4	4	4	4	4
142°	4	4	4	4	4	4	4	4
143°	4	4	4	4	4	4	4	4
144°	4	4	4	4	4	4	4	5
145°	5	5	5	5	5	5	5	5
146°	5	5	5	5	5	5	5	5

Luminous Intensity (cd) Distribution Data

$\begin{matrix} C \\ \backslash \\ y \end{matrix}$	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
147°	5	5	5	5	5	5	5	5
148°	6	6	6	6	6	6	6	6
149°	6	6	6	6	6	6	6	6
150°	6	6	6	6	6	6	6	6
151°	6	6	6	6	6	6	6	6
152°	7	7	7	7	7	7	7	7
153°	7	7	7	7	7	7	7	7
154°	7	7	7	7	7	7	7	7
155°	7	7	7	7	7	7	7	7
156°	8	8	8	8	8	8	8	8
157°	8	8	8	8	8	8	8	8
158°	8	8	8	8	8	8	8	8
159°	8	8	8	8	8	8	8	8
160°	8	8	8	8	8	8	8	8
161°	9	9	9	9	9	9	9	9
162°	9	9	9	9	9	9	9	9
163°	9	9	9	9	9	9	9	9
164°	9	9	9	9	9	9	9	9
165°	9	9	9	9	9	9	9	9
166°	9	9	9	9	9	9	9	9
167°	9	9	9	9	9	9	8	9
168°	8	8	8	8	8	8	8	8
169°	8	8	8	8	8	8	8	8
170°	8	8	8	8	8	8	8	8
171°	8	8	8	8	8	8	8	8
172°	8	8	8	8	8	8	8	8
173°	8	8	8	8	8	8	8	8
174°	8	8	8	8	8	8	8	8
175°	8	8	8	8	8	8	8	8
176°	7	7	7	7	7	7	7	7
177°	7	7	7	7	7	7	7	7
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

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°	5310	5310	5310	5310	5310	5310	5310	5310
1°	5318	5307	5297	5283	5285	5280	5291	5311
2°	5311	5303	5294	5280	5276	5274	5283	5312
3°	5278	5274	5271	5264	5264	5263	5271	5287
4°	5235	5219	5229	5226	5237	5228	5236	5252
5°	5187	5162	5168	5164	5187	5177	5189	5203
6°	5118	5096	5090	5088	5098	5113	5117	5144
7°	5055	5021	5022	4997	5005	5032	5044	5080
8°	4984	4966	4946	4931	4925	4952	4962	4998
9°	4891	4879	4855	4843	4845	4873	4888	4928
10°	4804	4775	4759	4743	4758	4775	4803	4845
11°	4706	4677	4659	4635	4645	4664	4703	4758
12°	4592	4580	4558	4524	4537	4573	4612	4666
13°	4504	4477	4454	4432	4438	4476	4514	4565
14°	4405	4386	4351	4339	4347	4378	4422	4472
15°	4316	4294	4253	4250	4258	4277	4333	4381
16°	4226	4196	4154	4136	4155	4178	4234	4286
17°	4122	4097	4058	4024	4039	4083	4135	4192
18°	4028	3995	3942	3918	3931	3975	4034	4091
19°	3914	3879	3837	3805	3826	3860	3928	3984
20°	3814	3773	3729	3698	3706	3745	3818	3875
21°	3719	3679	3626	3598	3601	3645	3709	3771
22°	3617	3578	3527	3500	3517	3547	3607	3672
23°	3511	3476	3426	3402	3420	3445	3502	3568
24°	3418	3382	3335	3311	3325	3352	3404	3471
25°	3333	3297	3247	3230	3250	3271	3314	3372
26°	3245	3201	3160	3144	3162	3189	3214	3279
27°	3153	3109	3064	3047	3062	3090	3121	3181
28°	3045	3008	2967	2958	2975	2995	3022	3081
29°	2920	2880	2847	2833	2847	2880	2906	2970
30°	2790	2748	2719	2704	2720	2751	2776	2827
31°	2659	2617	2586	2582	2596	2615	2638	2692
32°	2482	2433	2413	2421	2448	2467	2493	2548
33°	2147	2117	2120	2153	2192	2225	2277	2351
34°	1810	1784	1797	1832	1868	1895	1943	2013
35°	1579	1555	1556	1579	1603	1618	1647	1700
36°	1404	1386	1388	1408	1429	1447	1449	1496
37°	1228	1217	1220	1236	1256	1275	1282	1331
38°	1053	1048	1052	1065	1083	1104	1115	1166
39°	893	883	894	904	928	955	970	1001
40°	704	699	707	728	756	785	808	847
41°	511	506	518	542	569	596	631	669
42°	322	325	328	349	377	399	441	477
43°	240	242	250	258	273	280	300	314
44°	184	186	193	200	211	221	234	241
45°	151	151	153	157	162	169	180	186
46°	144	144	146	149	152	145	148	150
47°	137	138	138	140	142	140	142	143
48°	131	131	131	131	132	134	135	136

Luminous Intensity (cd) Distribution Data (cont.)

C y	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
49°	128	128	128	128	128	129	129	130
50°	125	126	126	126	126	127	127	127
51°	123	123	124	124	124	124	124	124
52°	121	121	121	121	122	122	122	122
53°	118	118	119	119	119	119	119	120
54°	116	116	116	116	117	117	117	117
55°	113	113	114	114	114	114	114	115
56°	111	111	111	111	112	112	112	112
57°	108	108	109	109	109	109	109	110
58°	106	106	106	106	107	107	107	107
59°	103	103	104	104	104	104	104	104
60°	101	101	101	101	101	102	102	102
61°	98	98	98	99	99	99	99	99
62°	95	95	96	96	96	96	96	96
63°	92	92	93	93	93	94	94	94
64°	90	90	90	90	91	91	91	91
65°	87	87	87	87	88	88	88	88
66°	83	84	84	84	85	85	85	85
67°	80	80	81	81	82	82	82	82
68°	77	77	78	78	78	79	79	79
69°	74	74	74	75	75	76	76	76
70°	70	70	71	71	72	72	72	73
71°	67	67	67	68	68	69	69	69
72°	63	63	64	64	65	65	65	66
73°	59	60	60	61	61	62	62	62
74°	55	56	56	57	57	58	58	58
75°	51	52	52	53	53	54	54	55
76°	47	48	48	49	49	50	50	51
77°	43	43	44	44	45	46	46	47
78°	39	39	40	40	41	42	42	42
79°	35	35	35	36	37	37	38	38
80°	30	31	31	32	32	33	34	34
81°	26	26	27	27	28	29	29	30
82°	21	21	22	23	23	24	25	25
83°	17	17	17	18	19	20	20	21
84°	12	12	13	13	14	15	16	16
85°	8	8	8	9	10	11	11	12
86°	3	3	4	4	5	6	7	7
87°	0	0	1	1	1	2	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 (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°	1	1	1	1	1	1	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°	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	2	2	2	2	2	1	1
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	2	2	2	2	2	2
153°	2	3	3	3	3	3	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°	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°	4	4	4	4	4	4	4	4
172°	5	5	5	5	4	4	4	4
173°	5	5	5	5	5	5	5	5
174°	5	5	5	5	5	5	5	5
175°	5	5	5	5	5	5	5	5
176°	6	6	6	6	6	5	6	5
177°	6	6	6	6	6	6	6	6
178°	6	6	6	6	6	6	6	6
179°	6	6	6	6	6	6	6	6
180°	7	7	7	7	7	7	7	7

Zonal Lumen Density Measurement

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	126.2	2.62	0-5	126.2	2.62
5-10	359.9	7.48	0-10	486.2	10.10
10-15	542.8	11.28	0-15	1028.9	21.38
15-20	672.3	13.97	0-20	1701.2	35.35
20-25	748.4	15.56	0-25	2449.6	50.91
25-30	781.9	16.25	0-30	3231.5	67.16
30-35	692.6	14.39	0-35	3924.1	81.55
35-40	410.2	8.52	0-40	4334.4	90.07
40-45	153.9	3.20	0-45	4488.2	93.27
45-50	56.4	1.17	0-50	4544.7	94.44
50-55	52.5	1.10	0-55	4597.1	95.54
55-60	50.0	1.03	0-60	4647.1	96.57
60-65	46.2	0.96	0-65	4693.3	97.53
65-70	40.6	0.85	0-70	4733.9	98.38
70-75	33.0	0.68	0-75	4766.9	99.06
75-80	23.2	0.49	0-80	4790.1	99.55
80-85	11.7	0.24	0-85	4801.8	99.79
85-90	1.6	0.03	0-90	4803.5	99.82
90-95	0.0	0.00	0-95	4803.5	99.82
95-100	0.0	0.00	0-100	4803.5	99.82
100-105	0.0	0.01	0-105	4803.6	99.83
105-110	0.0	0.00	0-110	4803.6	99.83
110-115	0.1	0.00	0-115	4803.7	99.83
115-120	0.1	0.00	0-120	4803.8	99.83
120-125	0.2	0.00	0-125	4803.9	99.83
125-130	0.3	0.01	0-130	4804.2	99.84
130-135	0.4	0.01	0-135	4804.7	99.85
135-140	0.6	0.01	0-140	4805.3	99.86
140-145	0.9	0.02	0-145	4806.2	99.88
145-150	1.1	0.02	0-150	4807.3	99.90
150-155	1.2	0.03	0-155	4808.5	99.93
155-160	1.2	0.02	0-160	4809.6	99.95
160-165	1.0	0.02	0-165	4810.6	99.97
165-170	0.7	0.02	0-170	4811.4	99.99
170-175	0.4	0.01	0-175	4811.8	100.00
175-180	0.2	0.00	0-180	4812.0	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.
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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*****