



# ANSI/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, Kowloon, Hong Kong, China

#### Test Model: 6.5PAR20DIM/935FL40/SL+SL15D

<b>Report Type:</b>	Electrical and Photometric tests including: Luminous Flux, Chromaticity, Luminous Intensity Distribution, THD
<b>Reviewed By:</b>	Hill Liu 
<b>Report Number:</b>	KS2230727-43591E-EE
<b>Test Date:</b>	2023-07-26 to 2023-07-27
<b>Report Date:</b>	2023-08-25
<b>Approved by:</b>	Blake Zhang / EE Engineer
<b>Prepared By:</b>	Bay Area Compliance Laboratories Corp. (Shenzhen) 5/F(B-West) -7/F, the 3rd Phase of Wan Li Industrial Building D, Shihua Road, Futian Free Trade Zone Shenzhen, Guangdong, China. Tel: +86-755-33320018 Fax: +86-755-33320008
<b>Test Facility:</b>	Test facility was located at No.12, Pulong East 1 <sup>st</sup> Road, Tangxia Town, Dongguan, Guangdong, China.

**Note:** This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp.(Shenzhen). This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, or any agency of the U.S. Government.



# Bay Area Compliance Laboratories Corp. (Shenzhen)

5/F(B-West) -7/F, the 3rd Phase of Wan Li Industrial  
Building D, Shihua Road, Futian Free Trade Zone Shenzhen, Guangdong, China.  
The NVLAP Lab Code is 200707-0

## 1. Product Description<sup>#</sup>

### General Information:

Two test samples were in good condition and received on 2023-07-27. One was tested in integrating sphere and the other was tested in goniophotometer

Model Tested: 6.5PAR20DIM/935FL40/SL+SL15D

Manufacturer: GREEN CREATIVE LTD

Brand Name: GREEN CREATIVE

Product Designation: Directional LED Lamp

Burning Time Before Test: 0hour(For New Products)

### Rated Values:

Rated Voltage/Frequency: 120V AC 60Hz

Rated Power: 6.5W

Nominal CCT: 3500K

Nominal Lumen Output: 550lm

### Family Declaration

The Model	Multiple Models	Difference s Items	Details
6.5PAR20DIM/935FL40/SL+SL15D	6.5PAR20DIM/935SP15/SL	Model Number	6.5PAR20DIM/935FL40/SL+SL15D & 6.5PAR20DIM/935SP15/SL are the same product except for the model number.

## 2. Standards Used

- ANSI/IES LM-79-19: Approved method :Optical and Electrical Measurements of Solid-State Lighting Products
- ANSI C82.77-10-2014: Harmonic Emission Limits – Related Power Quality Requirements for Lighting
- \*IES TM-30-18: IES Method for Evaluating Light Source Color Rendition (This method is not in NVLAP accreditation scope)

### 3. Description of Test Equipment

Device	Manufacture	Model No	Serial No	Calibration date	Calibration due date
2.0m integrating sphere	EVERFINE	R98	11010018	2022-11-10	2023-11-09
spectroradiometer	EVERFINE	HAAS-2000	G112048TS81331121	2022-11-10	2023-11-09
Digital Power Meter	EVERFINE	PF2010A	1011004	2022-11-10	2023-11-09
Digital CC&CV DC Power Supply	EVERFINE	WY305-V1	1101047	2022-11-10	2023-11-09
Standard Light Source	EVERFINE	D204	N/A	2023-05-12	2025-05-11
Special zero-voltage synchronous switching AC	EVERFINE	DPS1010-YF	1011001T	2022-11-10	2023-11-09
AC POWER SUPPLY	EVERFINE	VPS1030 PWM	1012017	2022-11-16	2023-11-15
Digital CC&CV DC Power Supply	EVERFINE	WY12010	1009009	2022-11-10	2023-11-09
Digital power meter	YOKOGAWA	WT-210	91j926132	2022-11-10	2023-11-09
full-field speed goniophotometer	EVERFINE	GO-R5000	YG108492N10120001	2022-11-10	2023-11-09
wireless remote thermohygrometer	N/A	AOK-5017B	N/A	2022-11-10	2023-11-09
Standard Light Source	EVERFINE	D908	1012003	2023-05-12	2025-05-11

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Shenzhen) 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  $25^{\circ}\text{C} \pm 1.2^{\circ}\text{C}$  during measurement. And relative humidity is maintained between 10% and 65%. The air flow around the SSL product is less than 0.2m/s.

### Integrating Sphere System

The system includes AC power source, digital power meter, DC power supply, Spectroradiometer, and integrating sphere. The integrating sphere system is calibrated by standard spectrum light source before measurement.

$4\pi$  geometry was used during measurement. The product was operated in its intended orientation in application and was recorded in this report.

The uncertainty of the light output (luminous flux) measurements is  $U=2.1\%$  ( $K=2$ ), at the 95% confidence level. The uncertainty of the correlated color temperature measurements is  $U=22K$  ( $K=2$ ), at the 95% confidence level. The uncertainty of the CRI is  $U=2.1(K=2)$ , at the 95% confidence level.

The uncertainty of power meter AC current  $U=0.19\%$  of rdg, AC Voltage  $U=0.18\%$  of rdg, Power  $U=0.46\%$  ( $K=2$ ), at the 95% confidence level.

### 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. The vertical angle ( $y$ ) test intervals were set no more than 1 degree while data for 5 degree intervals is reported. The horizontal angle (C plane) test intervals were set no more than 22.5 degree.

The uncertainty of the luminous intensity is  $U=2.00\%$  ( $K=2$ ), at the 95% confidence level.

### Additional Test

The Additional Test item may not be covered by ANSI/IES LM-79-2019. Additional test including power factor, off-state power and THD, was measured by Digital Power Meter after stabilized at  $25^{\circ}\text{C} \pm 1.2^{\circ}\text{C}$ . Test voltage for THD and power factor test would be equal to rated voltage or, in case of a voltage range, maximum value of that range.

The uncertainty of power meter AC current  $U=0.19\%$  of rdg, AC Voltage  $U=0.18\%$  of rdg, Power  $U=0.46\%$  ( $K=2$ ), at the 95% confidence level.

### Fidelity Index and Gamut Index Calculation

The  $R_f$ ,  $R_g$  was calculated according to IES TM-30-18 by using calculation tools. The calculation was based on the measured SPD from 380nm to 780nm with 1nm intervals. All the colors in this report is for reference only.

## 5. Test Result

### [Integrating Sphere System]

The Stabilization time: **30 minutes**

Total operating time for integrating sphere test: **1.0 hour**

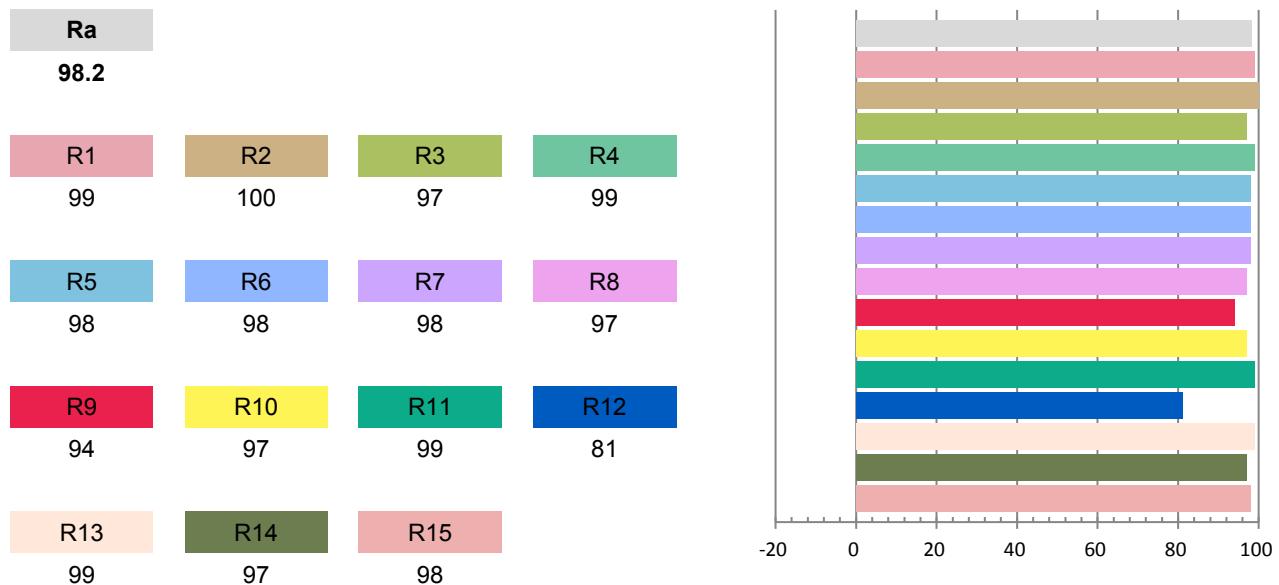
Test orientation: **Base Up**

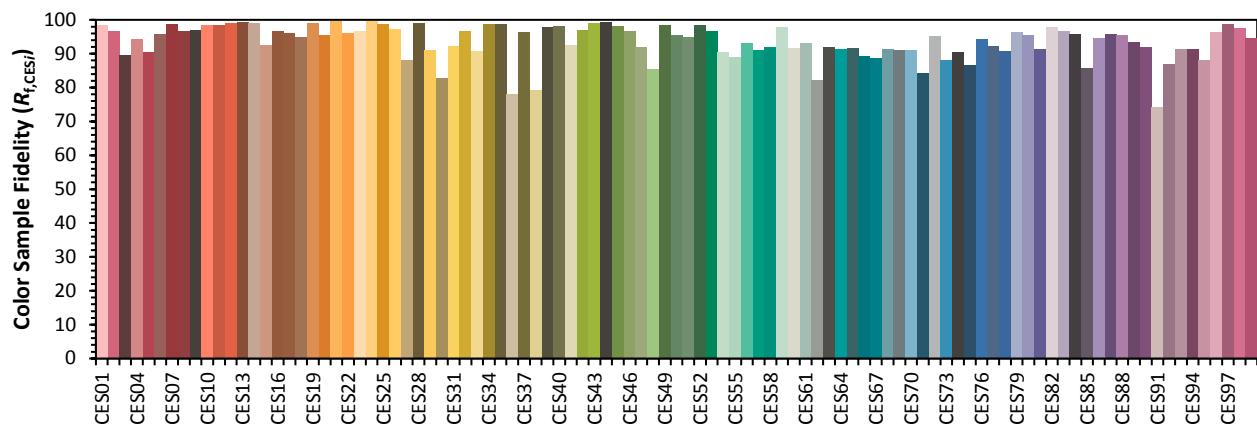
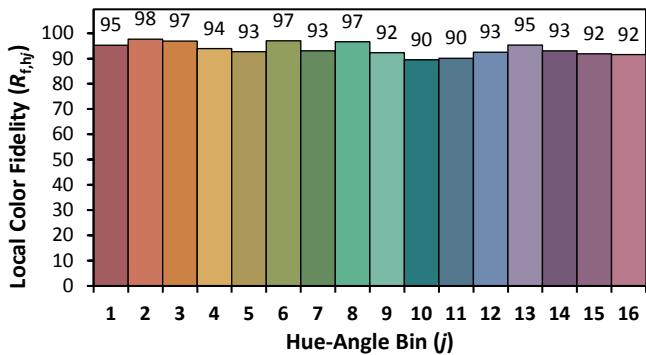
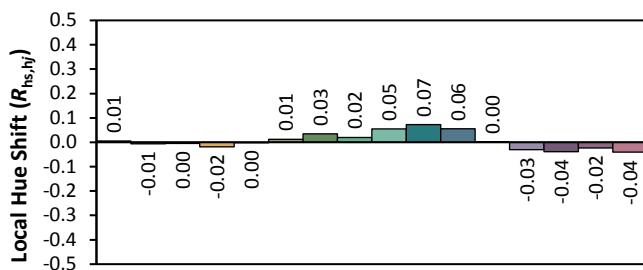
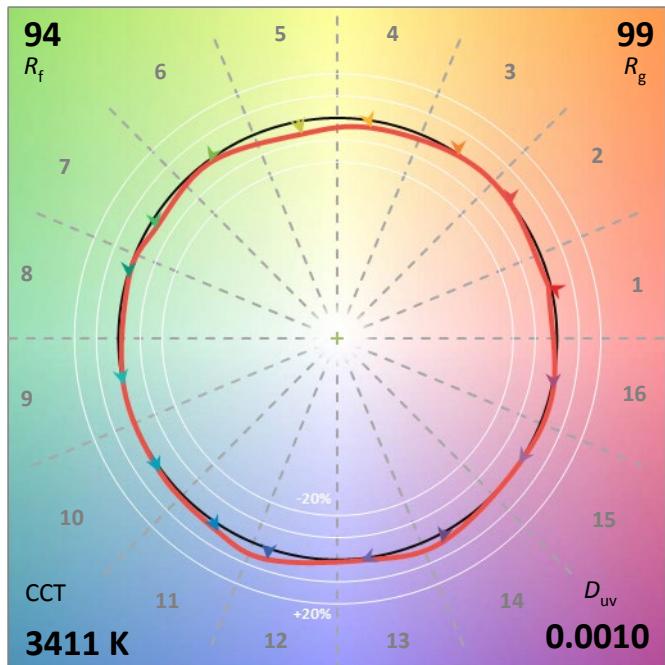
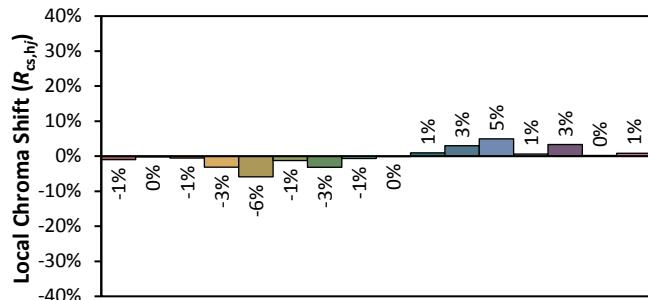
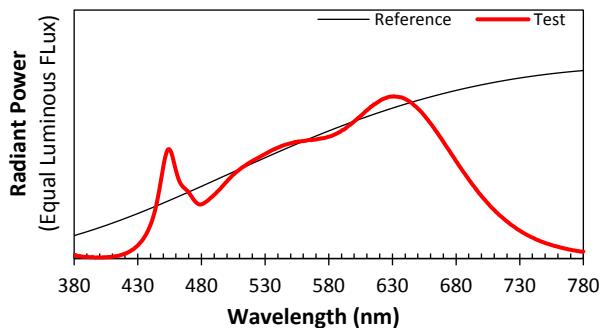
### Photometric and Electrical Measurement Result

Voltage (V)	Frequency (Hz)	Current (A)	Power (W)	Power Factor	Luminous Flux(lm)	Efficacy (lm/W)
120.0	60	0.05526	6.249	0.9423	578.23	92.54

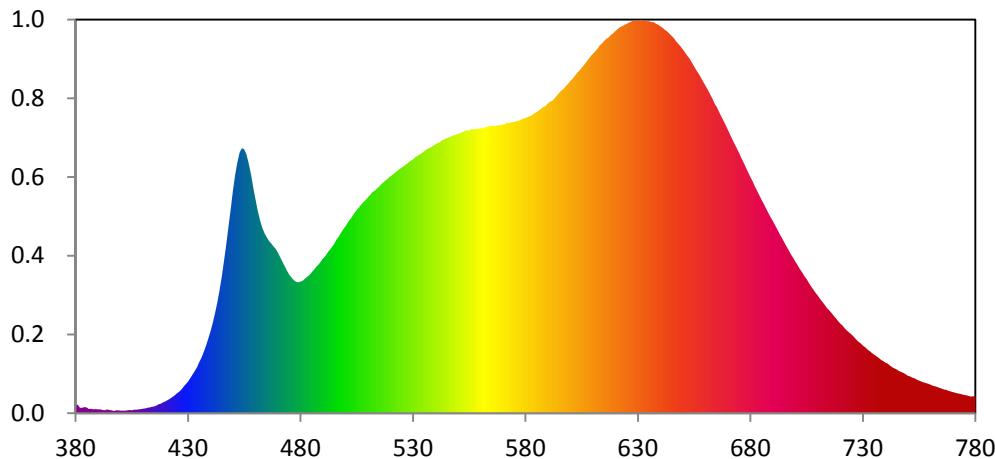
Radiant Flux (W)	CCT (K)	Duv	x	y	u'	v'
2.101	3411	0.0010500	0.4116	0.3962	0.2375	0.5145

### Color Rendering Index





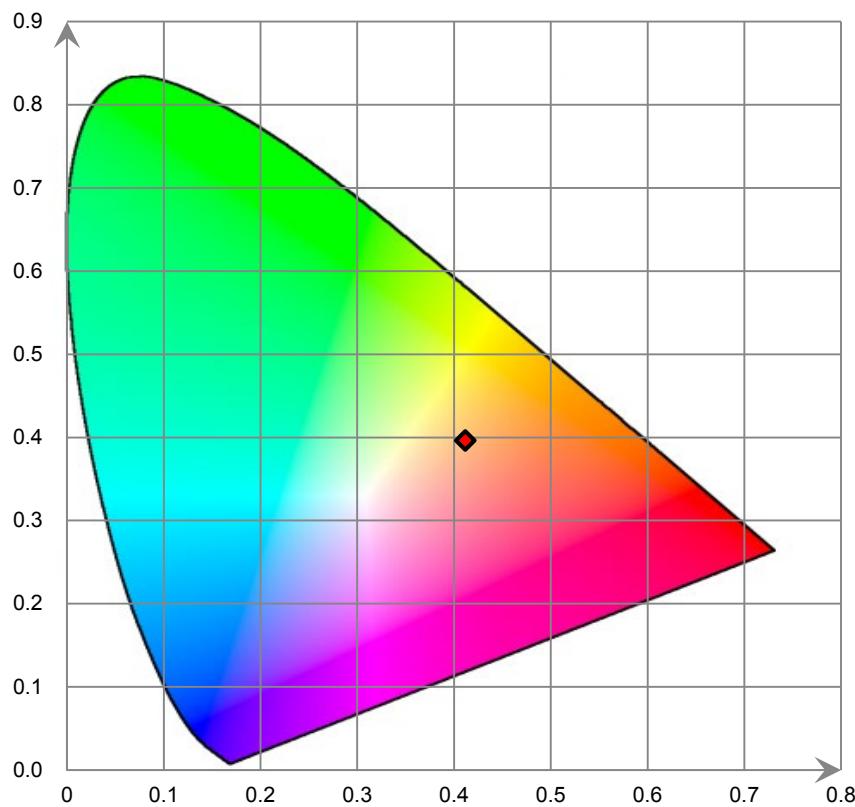
### Relative Spectral Power Distribution



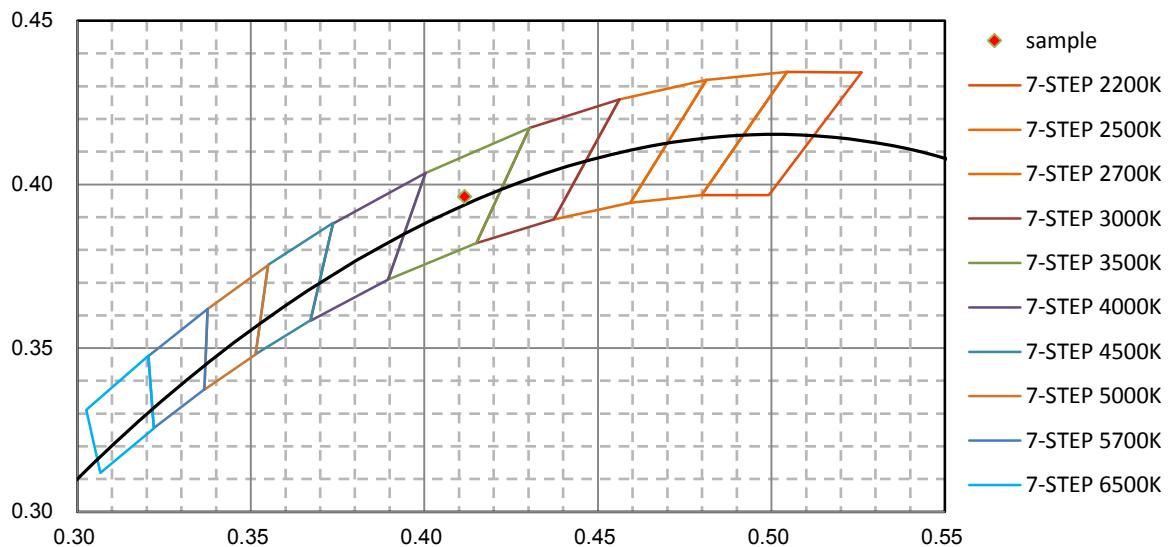
nm	mW								
380	2.044E-01	421	3.674E-01	462	5.419E+00	503	5.538E+00	544	7.696E+00
381	2.455E-01	422	4.086E-01	463	5.206E+00	504	5.634E+00	545	7.731E+00
382	1.557E-01	423	4.544E-01	464	5.056E+00	505	5.711E+00	546	7.758E+00
383	1.548E-01	424	4.992E-01	465	4.937E+00	506	5.781E+00	547	7.779E+00
384	1.683E-01	425	5.625E-01	466	4.845E+00	507	5.868E+00	548	7.806E+00
385	1.622E-01	426	6.080E-01	467	4.767E+00	508	5.939E+00	549	7.830E+00
386	1.170E-01	427	6.687E-01	468	4.687E+00	509	5.996E+00	550	7.855E+00
387	1.276E-01	428	7.508E-01	469	4.616E+00	510	6.075E+00	551	7.873E+00
388	1.105E-01	429	8.178E-01	470	4.508E+00	511	6.138E+00	552	7.897E+00
389	1.217E-01	430	8.910E-01	471	4.380E+00	512	6.213E+00	553	7.928E+00
390	1.109E-01	431	9.928E-01	472	4.258E+00	513	6.252E+00	554	7.951E+00
391	1.103E-01	432	1.092E+00	473	4.129E+00	514	6.315E+00	555	7.942E+00
392	9.330E-02	433	1.191E+00	474	4.000E+00	515	6.372E+00	556	7.985E+00
393	8.636E-02	434	1.299E+00	475	3.899E+00	516	6.444E+00	557	7.970E+00
394	1.073E-01	435	1.439E+00	476	3.812E+00	517	6.492E+00	558	7.988E+00
395	9.333E-02	436	1.569E+00	477	3.745E+00	518	6.548E+00	559	8.001E+00
396	8.099E-02	437	1.730E+00	478	3.695E+00	519	6.600E+00	560	8.006E+00
397	6.603E-02	438	1.898E+00	479	3.681E+00	520	6.657E+00	561	8.015E+00
398	7.856E-02	439	2.095E+00	480	3.699E+00	521	6.698E+00	562	8.031E+00
399	8.167E-02	440	2.305E+00	481	3.726E+00	522	6.754E+00	563	8.052E+00
400	7.070E-02	441	2.533E+00	482	3.776E+00	523	6.808E+00	564	8.068E+00
401	7.501E-02	442	2.807E+00	483	3.833E+00	524	6.859E+00	565	8.083E+00
402	7.775E-02	443	3.106E+00	484	3.890E+00	525	6.909E+00	566	8.069E+00
403	8.390E-02	444	3.449E+00	485	3.955E+00	526	6.957E+00	567	8.076E+00
404	9.037E-02	445	3.824E+00	486	4.030E+00	527	6.995E+00	568	8.099E+00
405	8.335E-02	446	4.269E+00	487	4.115E+00	528	7.054E+00	569	8.101E+00
406	9.861E-02	447	4.734E+00	488	4.179E+00	529	7.102E+00	570	8.115E+00
407	1.012E-01	448	5.238E+00	489	4.258E+00	530	7.130E+00	571	8.136E+00
408	1.089E-01	449	5.732E+00	490	4.343E+00	531	7.193E+00	572	8.163E+00
409	1.183E-01	450	6.249E+00	491	4.420E+00	532	7.235E+00	573	8.160E+00
410	1.274E-01	451	6.700E+00	492	4.513E+00	533	7.281E+00	574	8.191E+00
411	1.370E-01	452	7.056E+00	493	4.597E+00	534	7.315E+00	575	8.190E+00
412	1.527E-01	453	7.328E+00	494	4.683E+00	535	7.363E+00	576	8.209E+00
413	1.644E-01	454	7.451E+00	495	4.770E+00	536	7.408E+00	577	8.225E+00
414	1.772E-01	455	7.423E+00	496	4.881E+00	537	7.447E+00	578	8.246E+00
415	1.936E-01	456	7.283E+00	497	4.970E+00	538	7.474E+00	579	8.281E+00
416	2.202E-01	457	7.032E+00	498	5.074E+00	539	7.524E+00	580	8.296E+00
417	2.486E-01	458	6.690E+00	499	5.169E+00	540	7.554E+00	581	8.327E+00
418	2.717E-01	459	6.327E+00	500	5.255E+00	541	7.596E+00	582	8.348E+00
419	3.054E-01	460	5.991E+00	501	5.365E+00	542	7.624E+00	583	8.388E+00
420	3.374E-01	461	5.680E+00	502	5.446E+00	543	7.670E+00	584	8.427E+00

nm	mW								
585	8.463E+00	626	1.098E+01	667	8.346E+00	708	3.471E+00	749	1.096E+00
586	8.509E+00	627	1.101E+01	668	8.221E+00	709	3.385E+00	750	1.057E+00
587	8.552E+00	628	1.103E+01	669	8.093E+00	710	3.304E+00	751	1.032E+00
588	8.604E+00	629	1.104E+01	670	7.956E+00	711	3.208E+00	752	1.001E+00
589	8.636E+00	630	1.103E+01	671	7.828E+00	712	3.130E+00	753	9.801E-01
590	8.709E+00	631	1.106E+01	672	7.689E+00	713	3.050E+00	754	9.474E-01
591	8.762E+00	632	1.104E+01	673	7.565E+00	714	2.962E+00	755	9.215E-01
592	8.791E+00	633	1.103E+01	674	7.438E+00	715	2.896E+00	756	8.936E-01
593	8.865E+00	634	1.102E+01	675	7.316E+00	716	2.823E+00	757	8.687E-01
594	8.930E+00	635	1.101E+01	676	7.167E+00	717	2.743E+00	758	8.439E-01
595	9.012E+00	636	1.099E+01	677	7.041E+00	718	2.675E+00	759	8.302E-01
596	9.074E+00	637	1.099E+01	678	6.913E+00	719	2.596E+00	760	8.010E-01
597	9.122E+00	638	1.095E+01	679	6.778E+00	720	2.524E+00	761	7.794E-01
598	9.200E+00	639	1.092E+01	680	6.638E+00	721	2.462E+00	762	7.553E-01
599	9.269E+00	640	1.087E+01	681	6.520E+00	722	2.387E+00	763	7.352E-01
600	9.345E+00	641	1.083E+01	682	6.377E+00	723	2.322E+00	764	7.160E-01
601	9.413E+00	642	1.077E+01	683	6.255E+00	724	2.257E+00	765	6.949E-01
602	9.488E+00	643	1.073E+01	684	6.128E+00	725	2.205E+00	766	6.712E-01
603	9.571E+00	644	1.067E+01	685	6.001E+00	726	2.141E+00	767	6.615E-01
604	9.636E+00	645	1.061E+01	686	5.880E+00	727	2.074E+00	768	6.289E-01
605	9.714E+00	646	1.054E+01	687	5.760E+00	728	2.011E+00	769	6.181E-01
606	9.783E+00	647	1.045E+01	688	5.630E+00	729	1.959E+00	770	5.992E-01
607	9.872E+00	648	1.038E+01	689	5.515E+00	730	1.902E+00	771	5.773E-01
608	9.945E+00	649	1.031E+01	690	5.389E+00	731	1.856E+00	772	5.615E-01
609	1.004E+01	650	1.022E+01	691	5.270E+00	732	1.787E+00	773	5.529E-01
610	1.010E+01	651	1.014E+01	692	5.152E+00	733	1.744E+00	774	5.304E-01
611	1.018E+01	652	1.005E+01	693	5.028E+00	734	1.696E+00	775	5.183E-01
612	1.024E+01	653	9.967E+00	694	4.925E+00	735	1.643E+00	776	5.054E-01
613	1.034E+01	654	9.855E+00	695	4.806E+00	736	1.600E+00	777	4.888E-01
614	1.039E+01	655	9.753E+00	696	4.691E+00	737	1.554E+00	778	4.741E-01
615	1.046E+01	656	9.641E+00	697	4.581E+00	738	1.508E+00	779	4.750E-01
616	1.053E+01	657	9.532E+00	698	4.461E+00	739	1.465E+00	780	4.759E-01
617	1.056E+01	658	9.431E+00	699	4.364E+00	740	1.425E+00		
618	1.063E+01	659	9.307E+00	700	4.254E+00	741	1.391E+00		
619	1.068E+01	660	9.204E+00	701	4.155E+00	742	1.343E+00		
620	1.074E+01	661	9.095E+00	702	4.052E+00	743	1.299E+00		
621	1.080E+01	662	8.966E+00	703	3.959E+00	744	1.263E+00		
622	1.085E+01	663	8.852E+00	704	3.851E+00	745	1.235E+00		
623	1.088E+01	664	8.708E+00	705	3.766E+00	746	1.186E+00		
624	1.092E+01	665	8.611E+00	706	3.663E+00	747	1.159E+00		
625	1.094E+01	666	8.477E+00	707	3.563E+00	748	1.131E+00		

### CIE 1931 x y Chromaticity Diagram



### 7-Step Chromaticity Quadrangles



## [Goniophotometer System]

The Stabilization time: **30 minutes**

Total operating time for luminous intensity distribution: **1.0 hour**

Test orientation: **Base up**

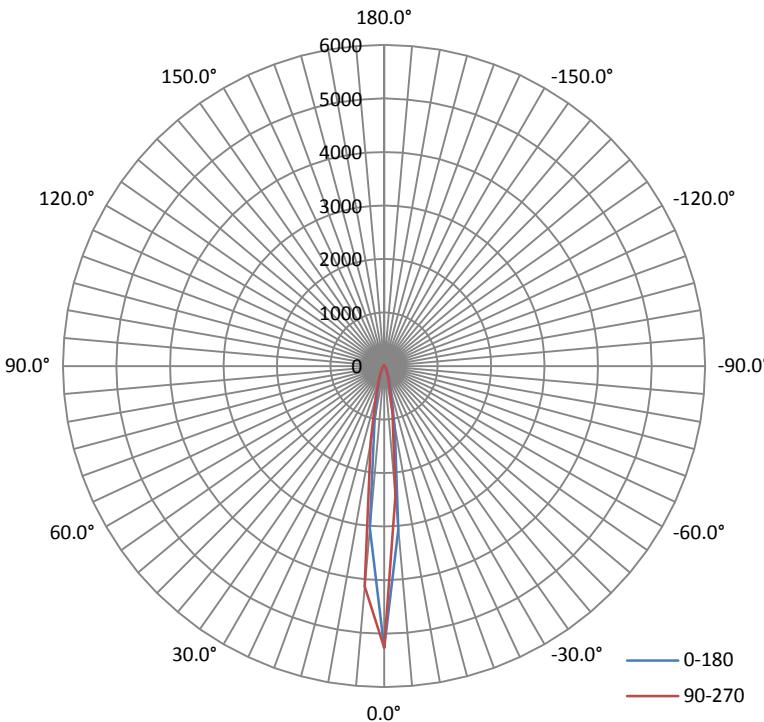
### Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.07	60	0.0564	6.3600	0.9392

### Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	$I_{max}$ (cd)	S/MH (C0/180)	S/MH (C90/270)
577.415	90.79	5516	0.2	0.16

### Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% $I_{max}$ ):	11.4	11.6	11.6	11.5	11.5
Field Angle (10% $I_{max}$ ):	28.6	28.1	28.1	28.4	28.3

Luminous Intensity (cd) Distribution Data

$\gamma \backslash C$	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0.0°	5264	5264	5264	5264	5264	5264	5264	5264
5.0°	3031	3607	3489	4217	4130	4101	4117	4182
10.0°	1016	1202	1159	1452	1418	1435	1461	1510
15.0°	452	500	481	578	580	585	608	642
20.0°	242	259	250	287	288	297	311	324
25.0°	146	156	151	171	173	179	188	196
30.0°	94	100	97	109	109	112	117	121
35.0°	64	68	66	72	72	73	76	78
40.0°	46	48	47	51	51	52	54	56
45.0°	36	37	36	38	38	39	40	41
50.0°	28	30	29	31	31	31	32	33
55.0°	23	24	23	25	25	25	25	26
60.0°	20	21	21	22	21	21	22	22
65.0°	18	19	18	19	19	19	20	20
70.0°	14	14	14	15	15	15	15	15
75.0°	10	10	10	11	11	11	11	11
80.0°	6	7	7	7	7	7	7	7
85.0°	3	4	3	4	4	4	4	4
90.0°	1	1	1	1	1	1	1	1
95.0°	0	0	0	0	0	0	0	0
100.0°	0	0	0	0	0	0	0	0
105.0°	0	0	0	0	0	0	0	0
110.0°	0	0	0	0	0	0	0	0
115.0°	0	0	0	0	0	0	0	0
120.0°	0	0	0	0	0	0	0	0
125.0°	0	0	0	0	0	0	0	0
130.0°	0	0	0	0	0	0	0	0
135.0°	0	0	0	0	0	0	0	0
140.0°	0	0	0	0	0	0	0	0
145.0°	1	1	1	1	1	1	1	1
150.0°	1	1	1	1	1	1	1	1
155.0°	2	2	2	2	2	2	2	2
160.0°	2	2	2	2	2	2	2	2
165.0°	2	2	2	2	2	2	2	2
170.0°	1	1	1	2	2	2	2	2
175.0°	1	1	1	1	1	1	1	1
180.0°	0	1	1	1	1	1	1	1

Luminous Intensity (cd) Distribution Data (cont.)

$\gamma \backslash C$	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
0.0°	5264	5264	5264	5264	5264	5264	5264	5264
5.0°	3073	2648	2773	2430	2437	2420	2375	2308
10.0°	1168	999	1021	904	905	889	871	848
15.0°	492	437	428	386	386	387	387	383
20.0°	265	241	235	217	217	220	223	223
25.0°	161	148	143	134	134	135	137	137
30.0°	100	92	90	85	85	86	87	87
35.0°	68	64	62	61	60	61	62	61
40.0°	48	45	44	43	44	44	45	45
45.0°	37	35	34	34	35	35	35	35
50.0°	29	28	28	27	27	28	28	28
55.0°	23	23	22	22	22	23	23	23
60.0°	20	20	20	20	20	21	21	21
65.0°	18	17	17	17	17	18	18	18
70.0°	13	13	13	13	13	13	13	13
75.0°	9	9	9	9	9	9	9	9
80.0°	6	6	6	5	5	5	6	6
85.0°	3	3	3	2	2	2	3	3
90.0°	1	1	1	0	1	1	1	1
95.0°	0	0	0	0	0	0	0	0
100.0°	0	0	0	0	0	0	0	0
105.0°	0	0	0	0	0	0	0	0
110.0°	0	0	0	0	0	0	0	0
115.0°	0	0	0	0	0	0	0	0
120.0°	0	0	0	0	0	0	0	0
125.0°	0	0	0	0	0	0	0	0
130.0°	0	0	0	0	0	0	0	0
135.0°	0	0	0	0	0	0	0	0
140.0°	0	0	0	0	0	0	0	0
145.0°	0	0	0	0	0	0	0	0
150.0°	0	0	0	0	0	0	0	0
155.0°	0	0	0	0	0	0	0	0
160.0°	0	0	0	0	0	0	0	0
165.0°	0	0	0	0	0	0	0	0
170.0°	0	0	0	0	0	0	0	0
175.0°	0	0	0	0	0	0	0	0
180.0°	1	1	1	1	1	1	1	1

**Zonal Lumen Density Measurement**

Deg	Flux (lm)	%	Deg	Flux (lm)	%
0-5	98.9	17.13	0-5	98.9	17.13
5-10	136.1	23.58	0-10	235.1	40.71
10-15	86.7	15.01	0-15	321.7	55.72
15-20	56.9	9.85	0-20	378.6	65.57
20-25	41.8	7.24	0-25	420.4	72.81
25-30	31.2	5.41	0-30	451.7	78.22
30-35	23.6	4.09	0-35	475.3	82.31
35-40	18.9	3.27	0-40	494.2	85.58
40-45	15.4	2.66	0-45	509.5	88.24
45-50	13.2	2.30	0-50	522.8	90.54
50-55	11.4	1.97	0-55	534.2	92.51
55-60	10.2	1.76	0-60	544.3	94.27
60-65	9.6	1.66	0-65	553.9	95.93
65-70	8.1	1.40	0-70	562.0	97.33
70-75	6.1	1.06	0-75	568.1	98.39
75-80	4.3	0.74	0-80	572.4	99.13
80-85	2.5	0.44	0-85	574.9	99.57
85-90	1.0	0.18	0-90	576.0	99.75
90-95	0.2	0.03	0-95	576.2	99.78
95-100	0.0	0.00	0-100	576.2	99.78
100-105	0.0	0.00	0-105	576.2	99.78
105-110	0.0	0.00	0-110	576.2	99.78
110-115	0.0	0.01	0-115	576.2	99.79
115-120	0.0	0.00	0-120	576.2	99.79
120-125	0.0	0.00	0-125	576.2	99.79
125-130	0.0	0.00	0-130	576.2	99.79
130-135	0.0	0.00	0-135	576.2	99.79
135-140	0.0	0.01	0-140	576.3	99.80
140-145	0.1	0.02	0-145	576.4	99.82
145-150	0.2	0.04	0-150	576.6	99.86
150-155	0.2	0.04	0-155	576.8	99.90
155-160	0.2	0.03	0-160	577.0	99.93
160-165	0.2	0.04	0-165	577.2	99.97
165-170	0.1	0.02	0-170	577.3	99.99
170-175	0.1	0.01	0-175	577.4	100.00
175-180	0.0	0.00	0-180	577.4	100.00

Test Item	Test Voltage (V)	Frequency (Hz)	Test Result
Total Harmonic Distortion:	120.0	60	14.56%

## 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. This report includes some test methods are not in NVLAP accreditation scope marked \*.
3. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K=2 with the 95% confidence interval.
6. This report cannot be reproduced except in full, without prior written approval of the Company.
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\*\*\*\*\*END OF REPORT\*\*\*\*\*