


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: 11PAR30DIM/940FL40/SL+SL15D

Report Type:	Electrical and Photometric tests including: Luminous Flux, Chromaticity, Luminous Intensity Distribution, THD
Reviewed By:	Hill Liu 
Report Number:	KS2230727-43623E-EE-1
Test Date:	2023-08-12 to 2023-08-16
Report Date:	2023-08-25
Approved by:	Blake Zhang / EE Engineer
Prepared By:	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
Test Facility:	Test facility was located at No.12, Pulong East 1 st 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.

1. Product Description#

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: 11PAR30DIM/940FL40/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: 11W
Nominal CCT: 4000K
Nominal Lumen Output: 1030lm

Family Declaration

The Model	Multiple Models	Differences Items	Details
11PAR30DIM/940FL40/SL+SL15D	11PAR30DIM/940SP15/SL	Model Number	11PAR30DIM/940FL40/SL+SL15D & 11PAR30DIM/940SP15/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.

4π 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 $U=22\text{K}$ ($K=2$), 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 (γ) 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_i , 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**

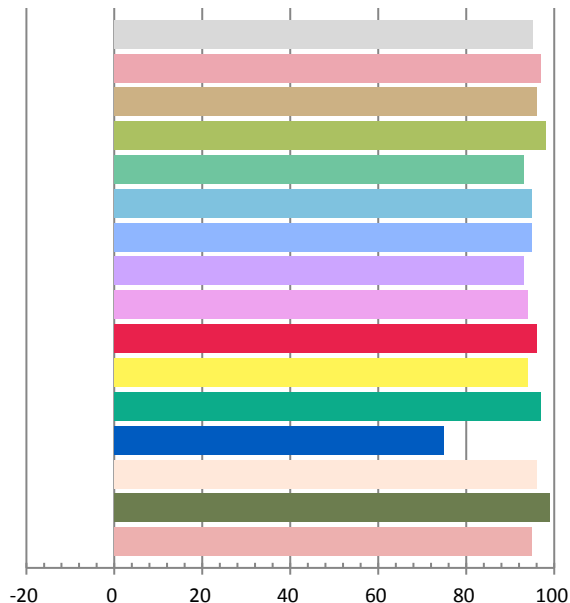
Photometric and Electrical Measurement Result

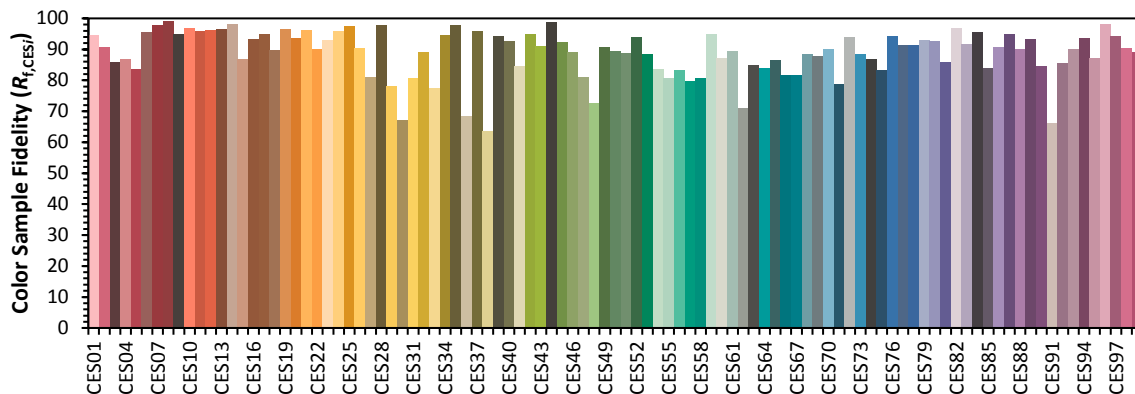
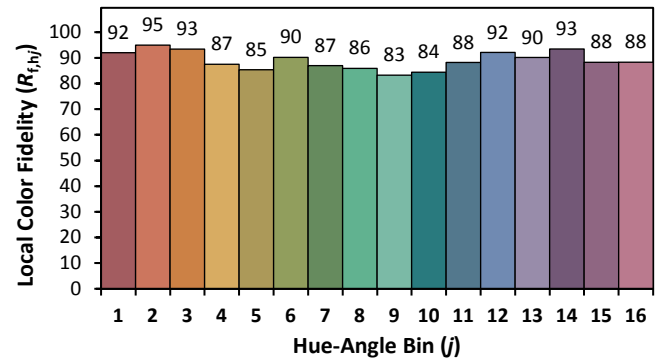
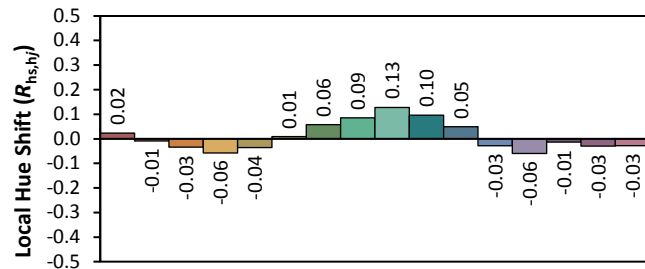
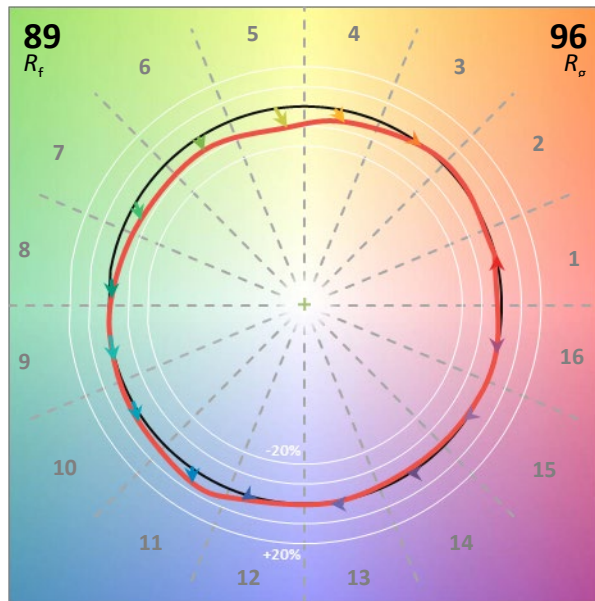
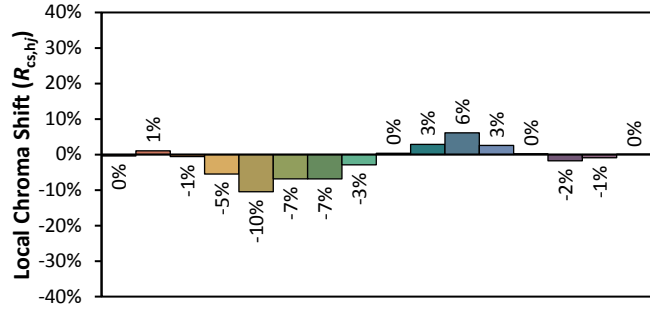
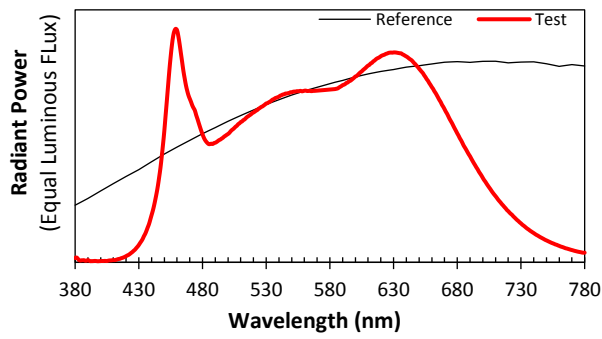
Voltage (V)	Frequency (Hz)	Current (A)	Power (W)	Power Factor	Luminous Flux(lm)	Efficacy (lm/W)
120.0	60	0.09129	10.43	0.9521	1042.2	99.89

Radiant Flux (W)	CCT (K)	Duv	x	y	u'	v'
3.843	4046	0.0000312	0.3785	0.3756	0.2243	0.5008

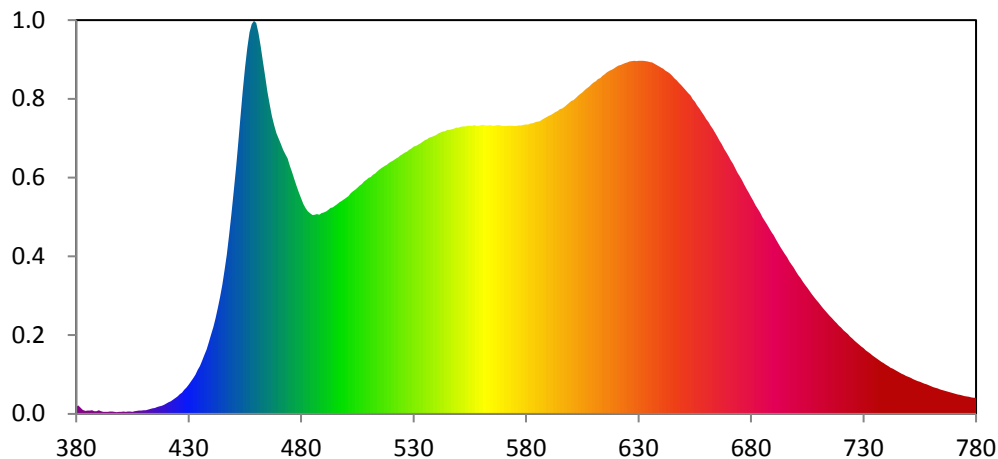
Color Rendering Index

Ra			
95.1			
R1 97	R2 96	R3 98	R4 93
R5 95	R6 95	R7 93	R8 94
R9 96	R10 94	R11 97	R12 75
R13 96	R14 99	R15 95	





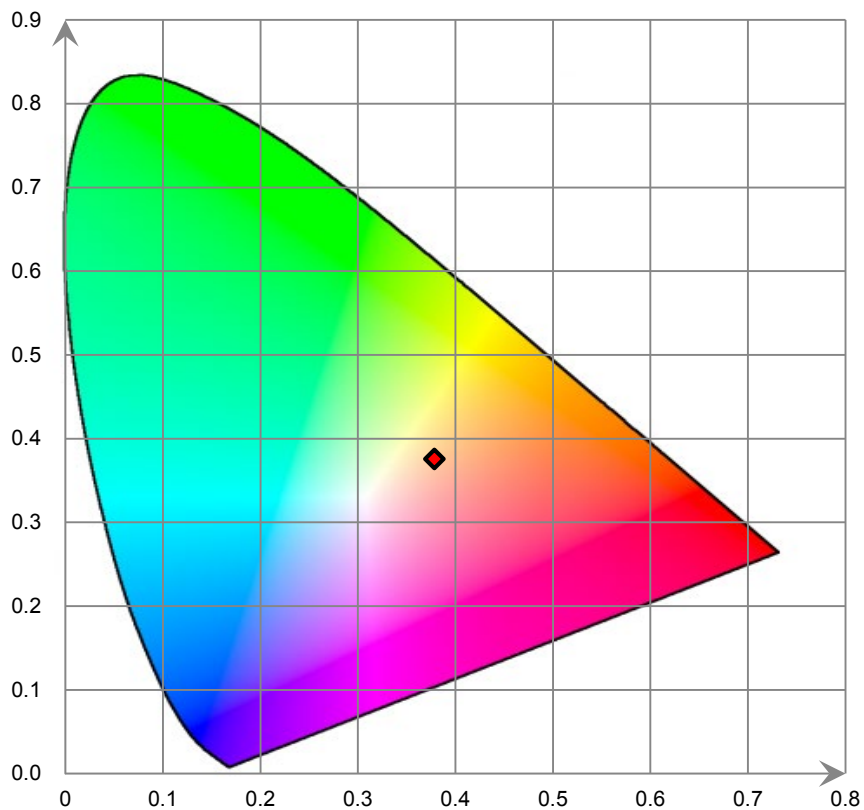
Relative Spectral Power Distribution



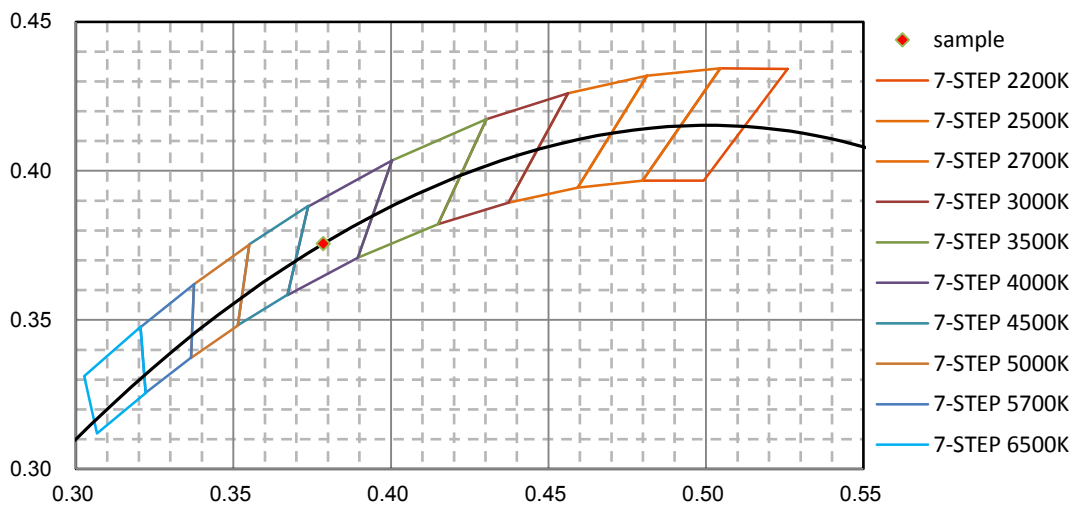
nm	mW	nm	mW	nm	mW	nm	mW	nm	mW
380	3.620E-01	421	5.859E-01	462	1.848E+01	503	1.119E+01	544	1.421E+01
381	4.188E-01	422	6.358E-01	463	1.771E+01	504	1.127E+01	545	1.428E+01
382	3.213E-01	423	7.132E-01	464	1.696E+01	505	1.137E+01	546	1.428E+01
383	1.964E-01	424	8.002E-01	465	1.619E+01	506	1.148E+01	547	1.431E+01
384	1.516E-01	425	8.808E-01	466	1.556E+01	507	1.156E+01	548	1.433E+01
385	1.720E-01	426	9.839E-01	467	1.497E+01	508	1.169E+01	549	1.439E+01
386	1.763E-01	427	1.074E+00	468	1.451E+01	509	1.176E+01	550	1.439E+01
387	1.816E-01	428	1.207E+00	469	1.412E+01	510	1.187E+01	551	1.443E+01
388	1.303E-01	429	1.328E+00	470	1.384E+01	511	1.192E+01	552	1.445E+01
389	1.447E-01	430	1.469E+00	471	1.357E+01	512	1.203E+01	553	1.445E+01
390	1.921E-01	431	1.639E+00	472	1.327E+01	513	1.209E+01	554	1.448E+01
391	1.413E-01	432	1.795E+00	473	1.305E+01	514	1.220E+01	555	1.448E+01
392	9.917E-02	433	1.975E+00	474	1.285E+01	515	1.230E+01	556	1.449E+01
393	1.046E-01	434	2.213E+00	475	1.247E+01	516	1.237E+01	557	1.451E+01
394	1.042E-01	435	2.411E+00	476	1.215E+01	517	1.245E+01	558	1.447E+01
395	1.170E-01	436	2.672E+00	477	1.180E+01	518	1.252E+01	559	1.449E+01
396	1.178E-01	437	2.963E+00	478	1.146E+01	519	1.262E+01	560	1.452E+01
397	1.030E-01	438	3.240E+00	479	1.113E+01	520	1.268E+01	561	1.453E+01
398	9.291E-02	439	3.617E+00	480	1.084E+01	521	1.275E+01	562	1.450E+01
399	1.040E-01	440	3.998E+00	481	1.056E+01	522	1.283E+01	563	1.450E+01
400	1.077E-01	441	4.375E+00	482	1.035E+01	523	1.289E+01	564	1.451E+01
401	1.178E-01	442	4.822E+00	483	1.020E+01	524	1.299E+01	565	1.449E+01
402	1.111E-01	443	5.333E+00	484	1.008E+01	525	1.306E+01	566	1.449E+01
403	1.220E-01	444	5.880E+00	485	1.000E+01	526	1.314E+01	567	1.451E+01
404	1.182E-01	445	6.498E+00	486	1.001E+01	527	1.319E+01	568	1.451E+01
405	1.126E-01	446	7.233E+00	487	1.004E+01	528	1.327E+01	569	1.448E+01
406	1.413E-01	447	8.007E+00	488	1.001E+01	529	1.335E+01	570	1.447E+01
407	1.606E-01	448	8.965E+00	489	1.009E+01	530	1.344E+01	571	1.447E+01
408	1.641E-01	449	9.987E+00	490	1.012E+01	531	1.347E+01	572	1.448E+01
409	1.769E-01	450	1.110E+01	491	1.018E+01	532	1.354E+01	573	1.448E+01
410	1.907E-01	451	1.240E+01	492	1.026E+01	533	1.360E+01	574	1.449E+01
411	1.904E-01	452	1.367E+01	493	1.034E+01	534	1.368E+01	575	1.447E+01
412	2.121E-01	453	1.499E+01	494	1.039E+01	535	1.377E+01	576	1.449E+01
413	2.468E-01	454	1.628E+01	495	1.047E+01	536	1.381E+01	577	1.451E+01
414	2.812E-01	455	1.741E+01	496	1.054E+01	537	1.389E+01	578	1.450E+01
415	2.965E-01	456	1.840E+01	497	1.064E+01	538	1.393E+01	579	1.452E+01
416	3.438E-01	457	1.917E+01	498	1.071E+01	539	1.397E+01	580	1.455E+01
417	3.764E-01	458	1.960E+01	499	1.079E+01	540	1.402E+01	581	1.455E+01
418	4.182E-01	459	1.976E+01	500	1.086E+01	541	1.410E+01	582	1.460E+01
419	4.648E-01	460	1.964E+01	501	1.095E+01	542	1.414E+01	583	1.461E+01
420	5.253E-01	461	1.915E+01	502	1.108E+01	543	1.420E+01	584	1.466E+01

nm	mW	nm	mW	nm	mW	nm	mW	nm	mW
585	1.469E+01	626	1.772E+01	667	1.356E+01	708	5.877E+00	749	1.904E+00
586	1.471E+01	627	1.774E+01	668	1.333E+01	709	5.737E+00	750	1.856E+00
587	1.478E+01	628	1.775E+01	669	1.316E+01	710	5.606E+00	751	1.804E+00
588	1.485E+01	629	1.774E+01	670	1.296E+01	711	5.466E+00	752	1.752E+00
589	1.491E+01	630	1.776E+01	671	1.275E+01	712	5.315E+00	753	1.701E+00
590	1.499E+01	631	1.776E+01	672	1.257E+01	713	5.185E+00	754	1.651E+00
591	1.503E+01	632	1.775E+01	673	1.235E+01	714	5.063E+00	755	1.609E+00
592	1.509E+01	633	1.773E+01	674	1.213E+01	715	4.925E+00	756	1.567E+00
593	1.518E+01	634	1.771E+01	675	1.194E+01	716	4.811E+00	757	1.515E+00
594	1.522E+01	635	1.769E+01	676	1.175E+01	717	4.680E+00	758	1.486E+00
595	1.532E+01	636	1.768E+01	677	1.153E+01	718	4.566E+00	759	1.435E+00
596	1.536E+01	637	1.760E+01	678	1.132E+01	719	4.426E+00	760	1.395E+00
597	1.544E+01	638	1.755E+01	679	1.112E+01	720	4.331E+00	761	1.346E+00
598	1.553E+01	639	1.748E+01	680	1.091E+01	721	4.211E+00	762	1.313E+00
599	1.562E+01	640	1.742E+01	681	1.072E+01	722	4.106E+00	763	1.278E+00
600	1.572E+01	641	1.735E+01	682	1.050E+01	723	4.018E+00	764	1.236E+00
601	1.577E+01	642	1.726E+01	683	1.032E+01	724	3.891E+00	765	1.193E+00
602	1.587E+01	643	1.718E+01	684	1.011E+01	725	3.791E+00	766	1.169E+00
603	1.598E+01	644	1.711E+01	685	9.884E+00	726	3.681E+00	767	1.135E+00
604	1.608E+01	645	1.700E+01	686	9.710E+00	727	3.577E+00	768	1.103E+00
605	1.616E+01	646	1.687E+01	687	9.527E+00	728	3.489E+00	769	1.068E+00
606	1.627E+01	647	1.677E+01	688	9.331E+00	729	3.382E+00	770	1.039E+00
607	1.636E+01	648	1.664E+01	689	9.141E+00	730	3.297E+00	771	1.009E+00
608	1.645E+01	649	1.653E+01	690	8.976E+00	731	3.192E+00	772	9.757E-01
609	1.656E+01	650	1.639E+01	691	8.774E+00	732	3.112E+00	773	9.501E-01
610	1.665E+01	651	1.626E+01	692	8.582E+00	733	3.027E+00	774	9.213E-01
611	1.671E+01	652	1.613E+01	693	8.393E+00	734	2.932E+00	775	8.968E-01
612	1.683E+01	653	1.601E+01	694	8.218E+00	735	2.848E+00	776	8.748E-01
613	1.688E+01	654	1.583E+01	695	8.031E+00	736	2.777E+00	777	8.551E-01
614	1.700E+01	655	1.568E+01	696	7.867E+00	737	2.690E+00	778	8.277E-01
615	1.707E+01	656	1.550E+01	697	7.668E+00	738	2.619E+00	779	8.160E-01
616	1.717E+01	657	1.536E+01	698	7.505E+00	739	2.545E+00	780	8.176E-01
617	1.725E+01	658	1.517E+01	699	7.339E+00	740	2.477E+00		
618	1.730E+01	659	1.501E+01	700	7.152E+00	741	2.402E+00		
619	1.736E+01	660	1.483E+01	701	6.972E+00	742	2.330E+00		
620	1.744E+01	661	1.468E+01	702	6.828E+00	743	2.274E+00		
621	1.750E+01	662	1.448E+01	703	6.657E+00	744	2.207E+00		
622	1.754E+01	663	1.432E+01	704	6.496E+00	745	2.142E+00		
623	1.758E+01	664	1.413E+01	705	6.342E+00	746	2.083E+00		
624	1.764E+01	665	1.393E+01	706	6.191E+00	747	2.025E+00		
625	1.767E+01	666	1.373E+01	707	6.028E+00	748	1.966E+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**

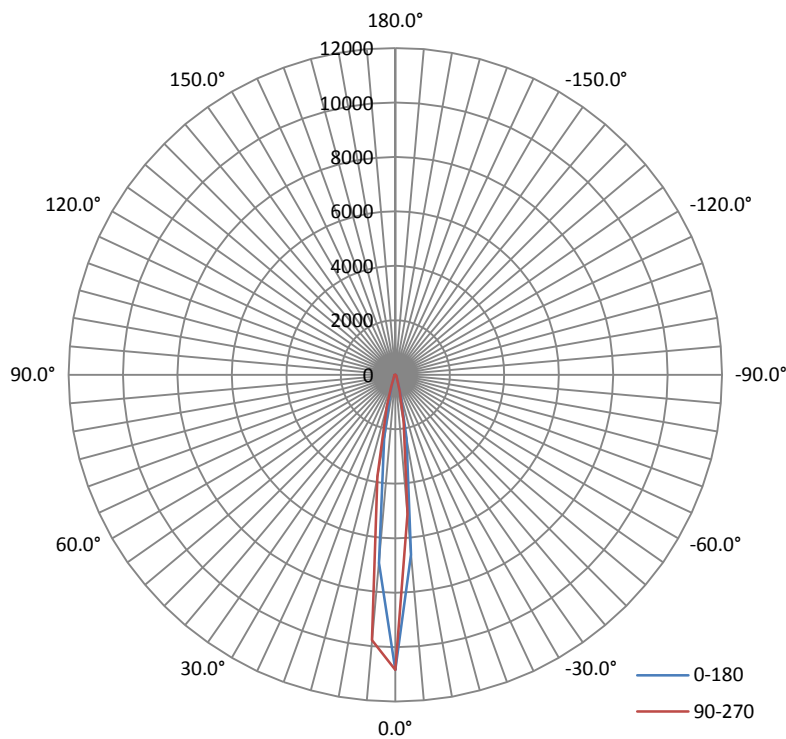
Electrical Measurement

Input Voltage (V)	Frequency (Hz)	Input Current (A)	Power (W)	Power Factor
120.08	60	0.0914	10.450	0.9521

Photometric Measurement

Luminous Flux (lm)	Efficacy (lm/W)	I _{max} (cd)	S/MH (C0/180)	S/MH (C90/270)
1044.4	99.94	11782.0	0.21	0.16

Luminous Intensity Distribution



	C0/180	C45/225	C90/270	C135/315	AVG.
Beam Angle (50% I _{max}):	12.4	12.3	12.2	12.5	12.4
Field Angle (10% I _{max}):	27.1	27.2	27.2	27.2	27.2

Luminous Intensity (cd) Distribution Data

C y	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°
0.0°	10840	10840	10840	10840	10840	10840	10840	10840
5.0°	6936	7907	8852	9600	9779	9288	8309	7216
10.0°	2386	2814	3284	3681	3801	3565	3102	2612
15.0°	771	901	1050	1178	1217	1149	1009	851
20.0°	276	315	361	419	424	373	329	289
25.0°	143	149	155	168	167	159	152	144
30.0°	106	107	106	108	107	105	106	105
35.0°	87	89	91	93	91	89	89	87
40.0°	76	78	79	79	77	76	76	75
45.0°	58	61	63	64	64	63	62	60
50.0°	48	50	52	52	51	50	50	50
55.0°	41	41	42	43	43	43	43	42
60.0°	32	34	35	36	36	35	35	33
65.0°	25	26	27	27	28	27	27	26
70.0°	19	20	21	21	21	21	20	20
75.0°	14	14	15	16	16	16	15	14
80.0°	10	10	10	11	11	11	10	10
85.0°	4	5	6	6	7	6	6	5
90.0°	1	2	2	2	2	2	2	2
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°	1	1	1	1	1	1	1	1
145.0°	2	2	1	1	1	1	2	2
150.0°	3	3	3	2	2	2	3	3
155.0°	4	4	3	3	3	3	3	4
160.0°	4	4	4	4	4	4	4	4
165.0°	4	4	4	4	4	4	4	4
170.0°	3	3	3	3	3	3	3	3
175.0°	2	2	2	2	2	2	2	2
180.0°	1	1	1	1	1	1	1	1

Luminous Intensity (cd) Distribution Data (cont.)

C Y	180°	202.5°	225°	247.5°	270°	292.5°	315°	337.5°
0.0°	10840	10840	10840	10840	10840	10840	10840	10840
5.0°	6629	5862	5365	5105	5128	5348	5805	6472
10.0°	2364	2048	1857	1759	1739	1795	1959	2222
15.0°	792	711	669	644	630	631	662	737
20.0°	282	269	265	262	254	247	250	265
25.0°	143	140	139	137	134	132	135	142
30.0°	104	106	107	103	103	102	102	104
35.0°	85	85	86	85	86	84	83	85
40.0°	74	73	70	69	68	68	70	73
45.0°	58	56	55	55	55	54	55	57
50.0°	48	46	45	45	44	45	45	47
55.0°	41	40	38	38	38	38	39	40
60.0°	33	31	30	30	29	30	30	32
65.0°	25	24	23	22	22	23	23	24
70.0°	19	18	17	17	17	17	18	18
75.0°	14	13	12	11	12	12	12	13
80.0°	9	9	8	7	7	8	8	9
85.0°	4	4	3	3	3	3	3	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°	0	1	1	1	1	1	0	0
150.0°	1	1	1	1	1	1	1	1
155.0°	1	1	1	1	1	1	1	1
160.0°	1	1	1	1	1	1	1	1
165.0°	1	1	1	1	1	1	1	1
170.0°	1	1	1	1	1	1	1	1
175.0°	1	1	1	1	1	1	1	1
180.0°	1	1	1	1	1	1	1	1

Zonal Lumen Density Measurement

Deg	Flux (lm)	%
0-5	211.2	20.22
5-10	310.2	29.71
10-15	179.4	17.18
15-20	85.3	8.16
20-25	43.1	4.13
25-30	30.3	2.90
30-35	28.2	2.71
35-40	26.8	2.56
40-45	24.5	2.35
45-50	21.4	2.04
50-55	19.2	1.84
55-60	17.0	1.63
60-65	13.9	1.33
65-70	11.1	1.06
70-75	8.5	0.81
75-80	6.1	0.59
80-85	3.7	0.36
85-90	1.5	0.14
90-95	0.3	0.03
95-100	0.0	0.00
100-105	0.0	0.00
105-110	0.0	0.01
110-115	0.0	0.00
115-120	0.0	0.00
120-125	0.0	0.00
125-130	0.0	0.00
130-135	0.0	0.01
135-140	0.1	0.00
140-145	0.2	0.03
145-150	0.4	0.03
150-155	0.5	0.05
155-160	0.5	0.05
160-165	0.4	0.03
165-170	0.2	0.03
170-175	0.1	0.01
175-180	0.0	0.00

Deg	Flux (lm)	%
0-5	211.2	20.22
0-10	521.4	49.93
0-15	700.9	67.11
0-20	786.1	75.27
0-25	829.2	79.40
0-30	859.6	82.30
0-35	887.8	85.01
0-40	914.6	87.57
0-45	939.1	89.92
0-50	960.5	91.96
0-55	979.7	93.80
0-60	996.6	95.43
0-65	1010.5	96.76
0-70	1021.6	97.82
0-75	1030.1	98.63
0-80	1036.2	99.22
0-85	1040.0	99.58
0-90	1041.5	99.72
0-95	1041.8	99.75
0-100	1041.8	99.75
0-105	1041.8	99.75
0-110	1041.8	99.76
0-115	1041.8	99.76
0-120	1041.9	99.76
0-125	1041.9	99.76
0-130	1041.9	99.76
0-135	1041.9	99.77
0-140	1042.0	99.77
0-145	1042.2	99.80
0-150	1042.6	99.83
0-155	1043.1	99.88
0-160	1043.6	99.93
0-165	1044.0	99.96
0-170	1044.2	99.99
0-175	1044.4	100.00
0-180	1044.4	100.00

Test Item	Test Voltage (V)	Frequency (Hz)	Test Result
Total Harmonic Distortion:	120.0	60	16.68%

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.
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*****END OF REPORT*****