

Photometric Test Report

Relevant Standards

- ☒ ANSI/IES LM-79-19
- ☒ ANSI C82.77-2020

Prepared For

RAB Lighting Inc.

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Issue Date: 2025-12-10

Revised Date: N/A

1.0 Test Summary

DLC Technical Requirements V6.0

Track or Mono-Point Luminaires				
Requirement Category	Test Method	Requirements		Test Value
Luminaire Output (lm) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	≥250lm		1246
Minimum Luminaire Efficacy (lm/W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Standard	Premium	84.2
		95	110	
Power (Input Wattage) (W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		14.8
Total Harmonic Distortion (A%) (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	20.00%	120V	12.72
Power Factor (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	0.9	120V	0.965
Allowable CCTs* (K) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	2725±145	2758
		4 steps	2725±83	
Chromaticity (D _{uv}) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	0.0000±0.0060	0.0016
		4 steps	0.0000±0.0033	
Minimum CRI (Integrating Sphere – Section 4.1)	ANSI/IES LM-79 19 CIE13.3-1995	≥80		95.8
Minimum R9 (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19 CIE13.3-1995	≥0		71
Minimum Rf (Integrating Sphere – Section 4.1)	ANSI/IES TM-30-24	≥70		92
Minimum Rg (Integrating Sphere – Section 4.1)	ANSI/IES TM-30-24	≥89		97
IES Rcs,h1 (Integrating Sphere – Section 4.1)	ANSI/IES TM-30-24	-12%≤IES Rcs,h1≤+23%		-3%
Zonal Lumen Requirement (0°-90°) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	≥ 85%		100.0%
Input Voltage (V)				
(Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Cast		120.0
(Goniophotometer – Section 4.2)		Non-Worst Case		N/A
Input Current (A)				
(Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		0.128
(Goniophotometer – Section 4.2)		Non-Worst Case		N/A
Power (Input Wattage – W)				
(Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		14.8
(Goniophotometer – Section 4.2)		Non-Worst Case		N/A

2.0 Test List

Test Item	Test	Test Date	Model Number	Build Level	Sample No.
1	Integrating Sphere Test	2025-12-09	PIVOTLB @15W2700K	-	250903026-S1
2	Goniophotometer Test	2025-12-09	PIVOTLB @15W2700K	-	250903026-S1
3	THD and PF Test	2025-12-09	PIVOTLB @15W2700K	-	250903026-S1

Remark (If any):

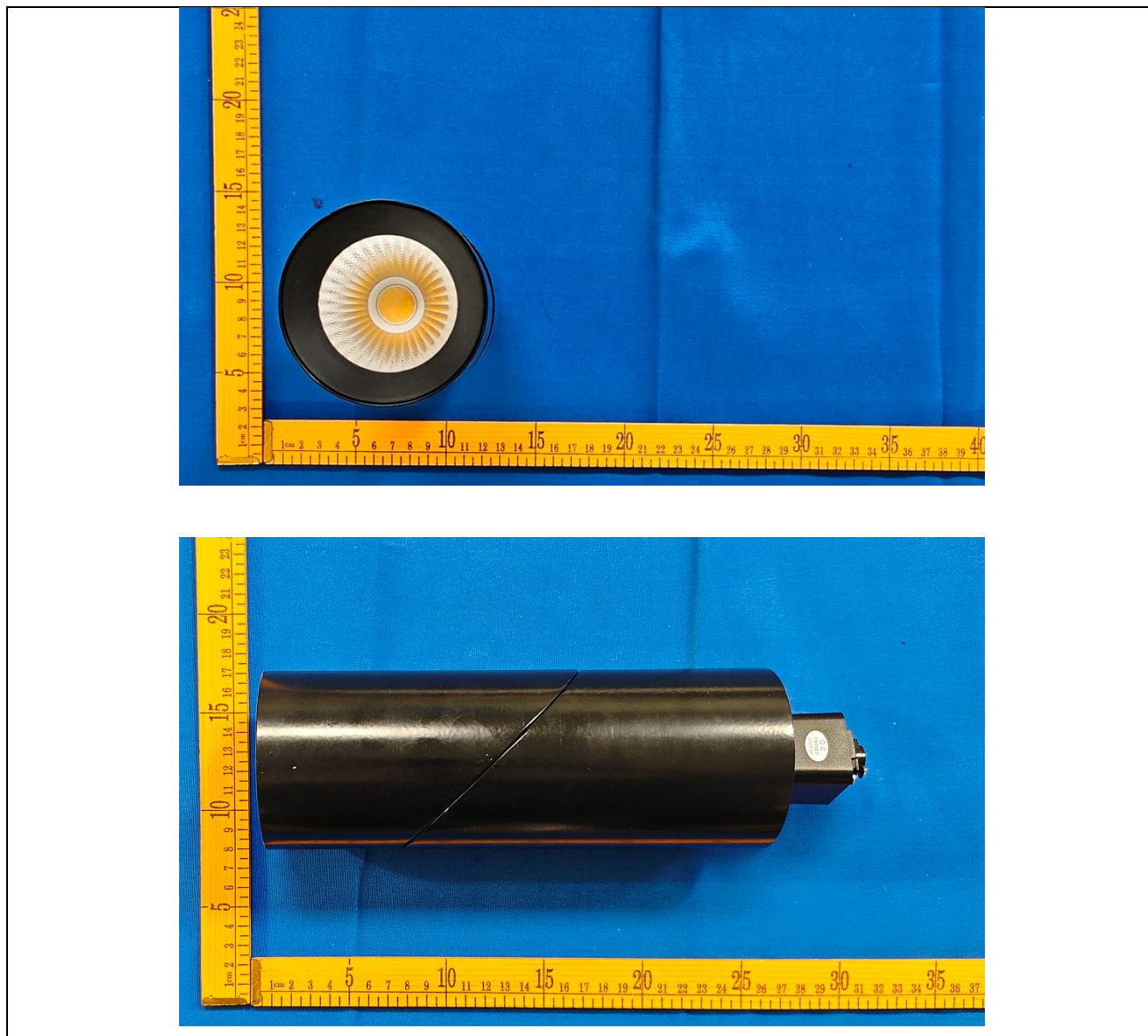
1. The results contained in this report pertain only to the tested samples.
2. This report shall not be reproduced, no limited part or full, without approval of Dongguan New Testing Centre Co., Ltd.
3. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the U.S. Government.

3.0 Product Description

Luminaire Description: Model No. PIVOTLB @15W2700K, color tunable from 2700K, 3000K, 3500K, 4000K and 5000K.

Electrical Specification: 120Vac, 60Hz

Photos of Luminaire Characteristics



4.0 LM-79 Measurement and Test Results

4.1 Integrating Sphere Test

Model No.	PIVOTLB @15W2700K	Sample ID	250903026-S1
Operate time (Min.)	10	Stabilization time (Min.)	60
Temperature (°C)	25.4	Humidity (%RH)	41.0

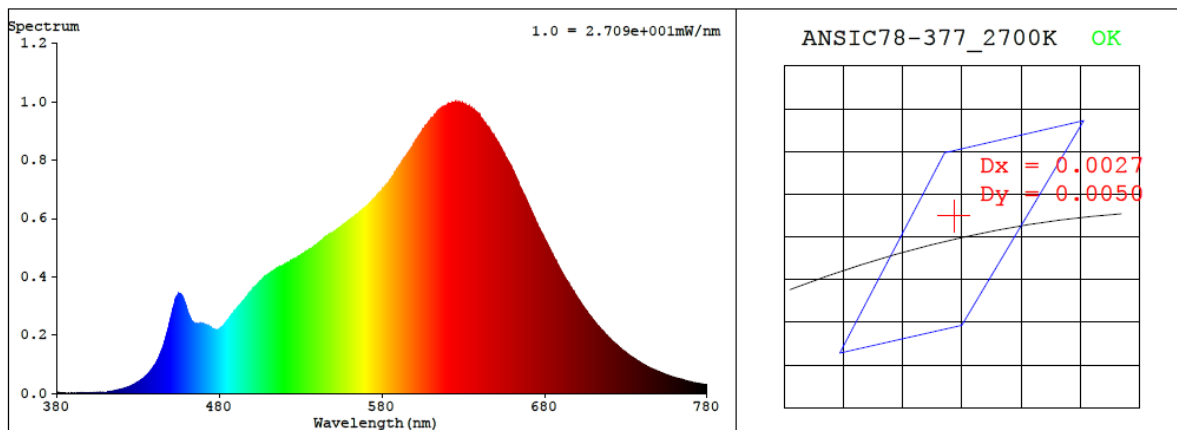
Test Method
<p>The Samples were tested according to the ANSI/IES LM-79:2019.</p> <p>Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at 25±1°C.</p> <p>The sample measurements were made using a spectroradiometer connected by a fiber optic cable and detector through the detector port of the integrating sphere.</p> <p>The voltage of an AC power supply (RMS voltage) or DC power supply (instantaneous voltage) applied to the device under test shall be regulated to within ±0.2 percent under load.</p> <p>The sample was measured using 4π geometry and operated at rated voltage and was stabilized before measurement. Chromaticity coordinates, correlated color temperature and color rendering index were calculated from the spectral radiant flux measurements taken at 1 nm intervals over the range of 380 to 780nm.</p>

Test Result

Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor
120.0	60	0.128	14.8	0.965

CCT (K)	CRI	R9	Duv	SDCM	Rf	Rg	IES Rcs,h1
2758	95.8	71	0.0016	1.8	92	97	-3%

4.1 Integrating Sphere Test



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4579$ $y = 0.4145$ / $u' = 0.2595$ $v' = 0.5285$ ($duv=1.60e-03$)

CCT= 2758K Prcp WL: $L_d=583.4nm$ Purity=61.9%

Peak WL: $L_p=625nm$ FWHM: $=144.6nm$ Ratio:R=26.5% G=70.7% B=2.8%

Render Index: $R_a = 95.8$ AvgR = 94.2 TM30:Rf=93 Rg=97

EEL: 0.16406 A+

R1 =97 R2 =99 R3 =99 R4 =97 R5 =97 R6 =97 R7 =93

R8 =87 R9 =71 R10=98 R11=99 R12=88 R13=98 R14=99 R15=93

4.1 Integrating Sphere Test

ANSI/IES TM-30-24 Color Rendition Report

Source: BXRV-TR-2750G-30A0-A-2x

Make: RAB Lighting Inc.

Date: 2025/12/10

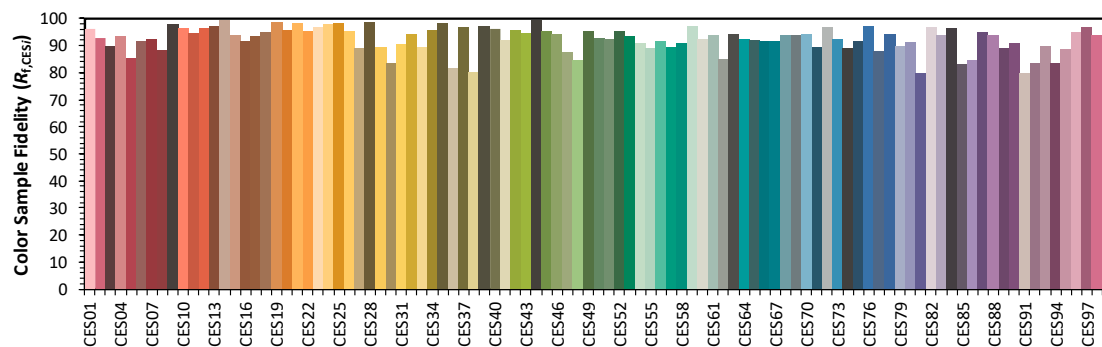
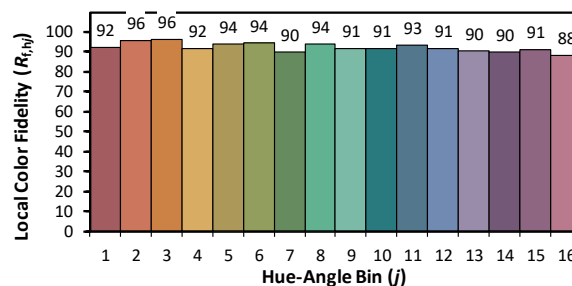
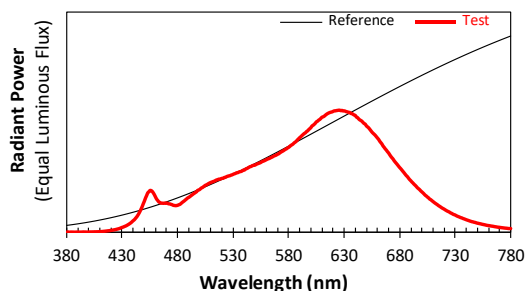
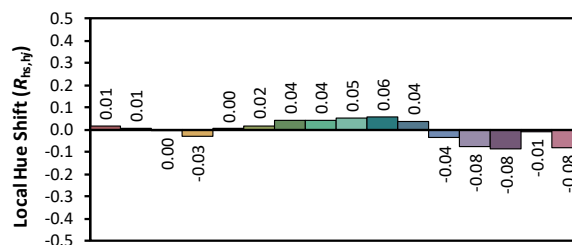
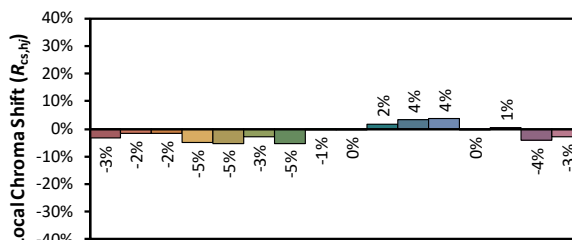
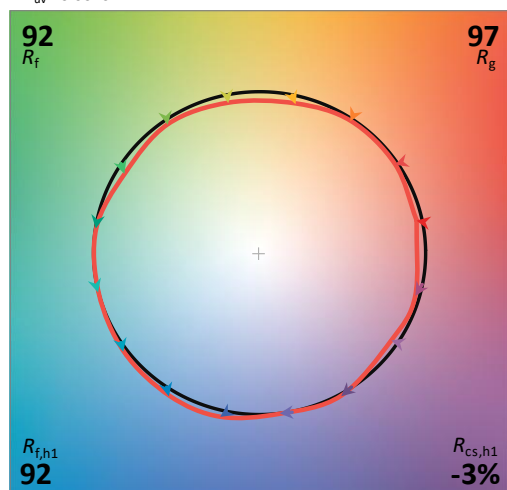
Model: PIVOTLB @15W2700K

Notes: N/A

Other: N/A

CCT: 2757 K
 D_{uv} : 0.0016

P2 V- F2



TM-30 Advanced Calculator Version 2.04

Created

2025/12/10

4.1 Integrating Sphere Test

Spectral Distribution over Visible Wavelength											
WL (nm)	Radiant (W/nm)	WL (nm)	Radiant (W/nm)	WL (nm)	Radiant (W/nm)	WL (nm)	Radiant (W/nm)	WL (nm)	Radiant (W/nm)	WL (nm)	Radiant (W/nm)
380	1.00E-04	447	1.90E-01	514	4.23E-01	581	7.02E-01	648	8.89E-01	715	2.18E-01
381	2.70E-03	448	2.10E-01	515	4.28E-01	582	7.11E-01	649	8.84E-01	716	2.12E-01
382	3.00E-04	449	2.34E-01	516	4.30E-01	583	7.16E-01	650	8.70E-01	717	2.06E-01
383	1.00E-03	450	2.55E-01	517	4.34E-01	584	7.23E-01	651	8.62E-01	718	1.99E-01
384	1.40E-03	451	2.80E-01	518	4.34E-01	585	7.32E-01	652	8.54E-01	719	1.94E-01
385	1.30E-03	452	3.00E-01	519	4.38E-01	586	7.38E-01	653	8.43E-01	720	1.89E-01
386	1.00E-03	453	3.22E-01	520	4.41E-01	587	7.46E-01	654	8.31E-01	721	1.83E-01
387	6.00E-04	454	3.31E-01	521	4.42E-01	588	7.57E-01	655	8.20E-01	722	1.78E-01
388	8.00E-04	455	3.41E-01	522	4.48E-01	589	7.65E-01	656	8.10E-01	723	1.73E-01
389	1.50E-03	456	3.41E-01	523	4.49E-01	590	7.75E-01	657	8.02E-01	724	1.68E-01
390	1.00E-03	457	3.34E-01	524	4.55E-01	591	7.82E-01	658	7.92E-01	725	1.64E-01
391	1.20E-03	458	3.22E-01	525	4.58E-01	592	7.91E-01	659	7.82E-01	726	1.57E-01
392	1.00E-03	459	3.07E-01	526	4.61E-01	593	7.99E-01	660	7.70E-01	727	1.54E-01
393	1.20E-03	460	2.88E-01	527	4.63E-01	594	8.08E-01	661	7.60E-01	728	1.48E-01
394	1.60E-03	461	2.71E-01	528	4.67E-01	595	8.13E-01	662	7.45E-01	729	1.44E-01
395	2.30E-03	462	2.60E-01	529	4.70E-01	596	8.23E-01	663	7.33E-01	730	1.41E-01
396	1.80E-03	463	2.48E-01	530	4.74E-01	597	8.29E-01	664	7.22E-01	731	1.36E-01
397	1.80E-03	464	2.44E-01	531	4.78E-01	598	8.39E-01	665	7.06E-01	732	1.31E-01
398	1.20E-03	465	2.38E-01	532	4.81E-01	599	8.47E-01	666	6.95E-01	733	1.28E-01
399	1.30E-03	466	2.38E-01	533	4.86E-01	600	8.56E-01	667	6.82E-01	734	1.24E-01
400	1.70E-03	467	2.37E-01	534	4.87E-01	601	8.69E-01	668	6.72E-01	735	1.20E-01
401	2.30E-03	468	2.38E-01	535	4.92E-01	602	8.75E-01	669	6.59E-01	736	1.17E-01
402	2.20E-03	469	2.37E-01	536	4.95E-01	603	8.83E-01	670	6.49E-01	737	1.13E-01
403	2.60E-03	470	2.39E-01	537	4.97E-01	604	8.92E-01	671	6.34E-01	738	1.10E-01
404	2.60E-03	471	2.35E-01	538	5.01E-01	605	9.03E-01	672	6.21E-01	739	1.06E-01
405	3.20E-03	472	2.32E-01	539	5.08E-01	606	9.08E-01	673	6.10E-01	740	1.02E-01
406	3.10E-03	473	2.31E-01	540	5.08E-01	607	9.17E-01	674	5.99E-01	741	9.90E-02
407	3.70E-03	474	2.28E-01	541	5.16E-01	608	9.23E-01	675	5.85E-01	742	9.60E-02
408	3.60E-03	475	2.25E-01	542	5.20E-01	609	9.32E-01	676	5.74E-01	743	9.25E-02
409	4.20E-03	476	2.20E-01	543	5.24E-01	610	9.41E-01	677	5.63E-01	744	8.96E-02
410	4.70E-03	477	2.19E-01	544	5.30E-01	611	9.44E-01	678	5.52E-01	745	8.66E-02
411	5.30E-03	478	2.18E-01	545	5.35E-01	612	9.49E-01	679	5.40E-01	746	8.48E-02
412	6.00E-03	479	2.19E-01	546	5.38E-01	613	9.57E-01	680	5.29E-01	747	8.19E-02
413	7.00E-03	480	2.21E-01	547	5.43E-01	614	9.64E-01	681	5.19E-01	748	8.01E-02
414	7.90E-03	481	2.25E-01	548	5.47E-01	615	9.70E-01	682	5.08E-01	749	7.69E-02
415	9.00E-03	482	2.28E-01	549	5.48E-01	616	9.75E-01	683	4.97E-01	750	7.42E-02
416	1.01E-02	483	2.35E-01	550	5.51E-01	617	9.79E-01	684	4.86E-01	751	7.25E-02
417	1.13E-02	484	2.43E-01	551	5.57E-01	618	9.82E-01	685	4.74E-01	752	7.02E-02
418	1.23E-02	485	2.50E-01	552	5.60E-01	619	9.84E-01	686	4.63E-01	753	6.84E-02
419	1.35E-02	486	2.57E-01	553	5.64E-01	620	9.88E-01	687	4.54E-01	754	6.58E-02
420	1.52E-02	487	2.65E-01	554	5.67E-01	621	9.93E-01	688	4.42E-01	755	6.39E-02
421	1.64E-02	488	2.72E-01	555	5.72E-01	622	9.93E-01	689	4.31E-01	756	6.20E-02
422	1.86E-02	489	2.80E-01	556	5.78E-01	623	9.95E-01	690	4.21E-01	757	6.00E-02
423	2.01E-02	490	2.86E-01	557	5.81E-01	624	9.97E-01	691	4.11E-01	758	5.77E-02
424	2.19E-02	491	2.92E-01	558	5.85E-01	625	9.98E-01	692	4.02E-01	759	5.58E-02
425	2.44E-02	492	2.99E-01	559	5.89E-01	626	9.98E-01	693	3.92E-01	760	5.45E-02
426	2.66E-02	493	3.06E-01	560	5.94E-01	627	9.94E-01	694	3.84E-01	761	5.31E-02
427	2.91E-02	494	3.13E-01	561	5.99E-01	628	9.97E-01	695	3.74E-01	762	5.14E-02
428	3.23E-02	495	3.19E-01	562	6.02E-01	629	9.92E-01	696	3.64E-01	763	4.99E-02
429	3.62E-02	496	3.26E-01	563	6.06E-01	630	9.93E-01	697	3.56E-01	764	4.88E-02
430	3.98E-02	497	3.32E-01	564	6.11E-01	631	9.90E-01	698	3.48E-01	765	4.68E-02
431	4.27E-02	498	3.42E-01	565	6.15E-01	632	9.86E-01	699	3.38E-01	766	4.51E-02
432	4.70E-02	499	3.46E-01	566	6.20E-01	633	9.84E-01	700	3.30E-01	767	4.38E-02
433	5.06E-02	500	3.51E-01	567	6.25E-01	634	9.80E-01	701	3.22E-01	768	4.20E-02
434	5.50E-02	501	3.60E-01	568	6.28E-01	635	9.80E-01	702	3.13E-01	769	4.08E-02
435	6.05E-02	502	3.65E-01	569	6.33E-01	636	9.72E-01	703	3.03E-01	770	3.99E-02
436	6.59E-02	503	3.71E-01	570	6.38E-01	637	9.71E-01	704	2.96E-01	771	3.84E-02
437	7.21E-02	504	3.78E-01	571	6.42E-01	638	9.65E-01	705	2.88E-01	772	3.72E-02
438	7.87E-02	505	3.84E-01	572	6.49E-01	639	9.59E-01	706	2.81E-01	773	3.61E-02
439	8.72E-02	506	3.88E-01	573	6.55E-01	640	9.56E-01	707	2.72E-01	774	3.49E-02
440	9.55E-02	507	3.94E-01	574	6.61E-01	641	9.43E-01	708	2.66E-01	775	3.37E-02
441	1.03E-01	508	3.99E-01	575	6.66E-01	642	9.38E-01	709	2.59E-01	776	3.29E-02
442	1.14E-01	509	4.04E-01	576	6.72E-01	643	9.28E-01	710	2.51E-01	777	3.19E-02
443	1.25E-01	510	4.08E-01	577	6.78E-01	644	9.20E-01	711	2.44E-01	778	3.04E-02
444	1.38E-01	511	4.11E-01	578	6.82E-01	645	9.14E-01	712	2.37E-01	779	3.02E-02
445	1.53E-01	512	4.15E-01	579	6.90E-01	646	9.08E-01	713	2.31E-01	780	3.03E-02
446	1.71E-01	513	4.18E-01	580	6.95E-01	647	8.98E-01	714	2.25E-01	N/A	N/A

4.0 LM-79 Measurement and Test Results

4.2 Goniophotometer Test

Model No.	PIVOTLB @15W2700K	Sample ID	250903026-S1
Operate time (Min.)	30	Stabilization time (Min.)	60
Temperature (°C)	25.1	Humidity (%RH)	40.9

Test Method
<p>The Samples were tested according to the ANSI/IES LM-79:2019.</p> <p>Photometric parameters were measured using a type C goniophotometer and software.</p> <p>The ambient temperature shall be maintained at $25\pm1^{\circ}\text{C}$, measured at a point not more than 1 m from the sample and at the same height as the sample.</p> <p>The voltage of an AC power supply (RMS voltage) or DC power supply (instantaneous voltage) applied to the device under test shall be regulated to within ± 0.2 percent under load.</p> <p>The samples were operated at rated voltage and was stabilized before measurement. Luminous flux, luminaire efficacy, zonal lumen were calculated from the software taken at 1.0° vertical intervals and 15° horizontal intervals.</p>

Test Conditions

Condition	Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor
WORST CASE	120.0	60	0.128	14.8	0.965
NON-WORST CASE	N/A	N/A	N/A	N/A	N/A

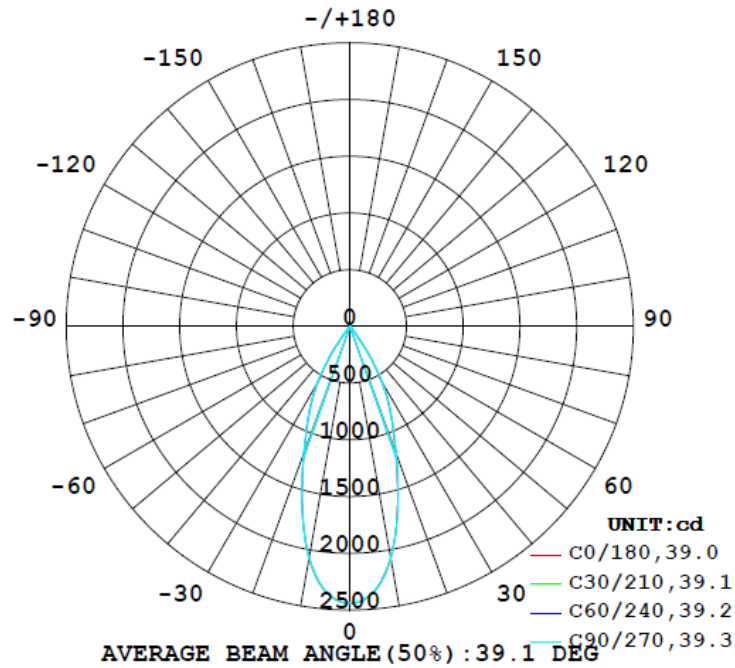
Test Result

Flux (lm)	Field Angle (10%)		Beam Angle (50%)		Luminous Efficacy (lm/W)	Zonal Lumen Requirement
	C0-180	C90-270	C0-180	C90-270		(0°-90°)
1246	70.4	70.5	39.0	39.3	84.2	100.0%

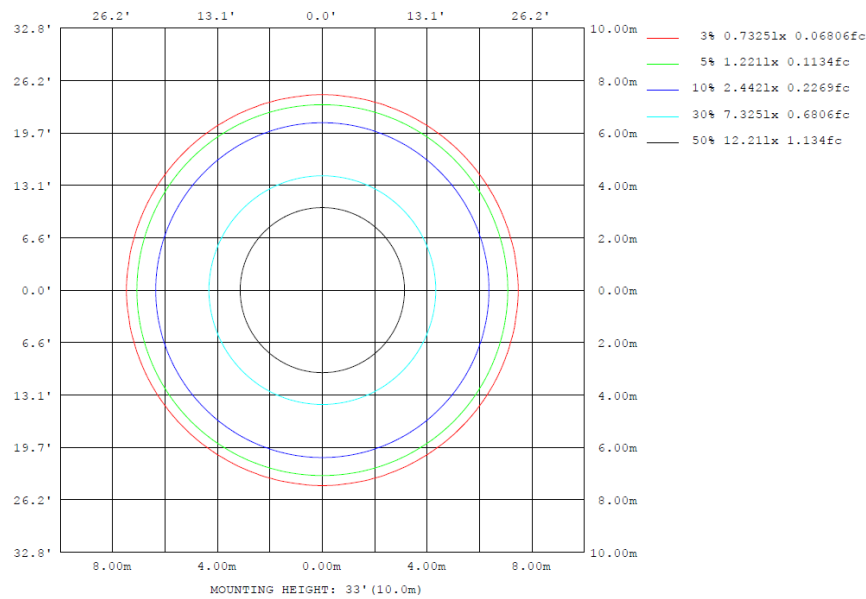
4.2 Goniophotometer Test

Lighting Distribution Curve

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Isolux Plot



4.2 Goniophotometer Test

Zonal Lumen Summary

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	± zone	± total	%lum, lamp
10	2080	2071	2072	2071	2080	2071	2072	2071	0- 10	215.8	215.8	17.3,17.3
20	1181	1186	1192	1186	1181	1186	1192	1186	10- 20	448.8	664.6	53.4,53.4
30	563.4	571.7	580.3	571.7	563.4	571.7	580.3	571.7	20- 30	392.1	1057	84.8,84.8
40	40.19	40.19	42.43	40.19	40.19	40.19	42.43	40.19	30- 40	159.0	1216	97.6,97.6
50	17.25	17.02	16.84	17.02	17.25	17.02	16.84	17.02	40- 50	17.80	1233	99,99
60	4.724	4.569	4.554	4.569	4.724	4.569	4.554	4.569	50- 60	9.760	1243	99.8,99.8
70	0.8075	0.7375	0.7254	0.7375	0.8075	0.7375	0.7254	0.7375	60- 70	2.187	1245	100,100
80	0.0359	0.0364	0.0352	0.0364	0.0359	0.0364	0.0352	0.0364	70- 80	0.1528	1246	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0180	1246	100,100
100	0	0	0	0	0	0	0	0	90-100	0	1246	100,100
110	0	0	0	0	0	0	0	0	100-110	0	1246	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1246	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1246	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1246	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1246	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1246	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1246	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1246	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Zonal (lm)		Total (lm)		Percent
0-10	215.78	0-10	215.78	17.32%
10-20	448.84	0-20	664.62	53.36%
20-30	392.07	0-30	1056.69	84.84%
30-40	158.95	0-40	1215.64	97.60%
40-50	17.80	0-50	1233.44	99.03%
50-60	9.76	0-60	1243.20	99.81%
60-70	2.19	0-70	1245.39	99.99%
70-80	0.15	0-80	1245.54	100.00%
80-90	0.02	0-90	1245.56	100.00%
90-100	0.00	0-100	1245.56	100.00%
100-110	0.00	0-110	1245.56	100.00%
110-120	0.00	0-120	1245.56	100.00%
120-130	0.00	0-130	1245.56	100.00%
130-140	0.00	0-140	1245.56	100.00%
140-150	0.00	0-150	1245.56	100.00%
150-160	0.00	0-160	1245.56	100.00%
160-170	0.00	0-170	1245.56	100.00%
170-180	0.00	0-180	1245.56	100.00%

4.2 Goniophotometer Test

Luminous Distribution Intensity Data

Table--1

UNIT: cd

C (DEG) y (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2442	2442	2442	2441	2441	2442	2441	2442	2441	2441	2442	2442	2442	2442	2442	2441	2441	2442	2441
5	2358	2356	2354	2353	2352	2352	2352	2352	2352	2353	2354	2356	2358	2356	2354	2353	2352	2352	2352
10	2080	2077	2074	2071	2071	2072	2072	2072	2071	2071	2074	2077	2080	2077	2074	2071	2071	2072	2072
15	1632	1633	1632	1632	1634	1635	1637	1635	1634	1632	1632	1633	1632	1633	1632	1632	1634	1635	1637
20	1181	1179	1184	1186	1190	1192	1192	1192	1190	1186	1184	1179	1181	1179	1184	1186	1190	1192	1192
25	852	851	856	858	863	865	867	865	863	858	856	851	852	851	856	858	863	865	867
30	563	566	569	572	575	579	580	579	575	572	569	566	563	566	569	572	575	579	580
35	242	240	243	245	243	242	241	242	243	245	243	240	242	240	243	245	243	242	241
40	40.2	40.3	39.5	40.2	40.6	40.7	42.4	40.7	40.6	40.2	39.5	40.3	40.2	40.3	39.5	40.2	40.6	40.7	42.4
45	21.0	20.9	20.9	20.8	20.8	20.9	20.8	20.9	20.8	20.8	20.9	20.9	21.0	20.9	20.9	20.8	20.8	20.9	20.8
50	17.2	17.2	17.1	17.0	17.0	17.0	16.8	17.0	17.0	17.1	17.2	17.2	17.2	17.1	17.0	17.0	17.0	16.8	17.2
55	11.4	11.2	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.2	11.2	11.2	11.4	11.2	11.2	11.1	11.1	11.1	11.1
60	4.72	4.68	4.57	4.57	4.55	4.60	4.55	4.60	4.55	4.57	4.57	4.68	4.72	4.68	4.57	4.57	4.55	4.60	4.55
65	2.17	2.08	2.03	2.01	2.02	2.02	1.99	2.02	2.02	2.01	2.03	2.08	2.17	2.08	2.03	2.01	2.02	2.02	1.99
70	0.81	0.73	0.72	0.74	0.75	0.75	0.73	0.75	0.75	0.74	0.72	0.73	0.81	0.73	0.72	0.74	0.75	0.75	0.73
75	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
80	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
85	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table--2

UNIT: cd

C (DEG) y (DEG)	285	300	315	330	345														
0	2442	2441	2441	2442	2442														
5	2352	2352	2353	2354	2356														
10	2072	2071	2071	2074	2077														
15	1635	1634	1632	1632	1633														
20	1192	1190	1186	1184	1179														
25	865	863	858	856	851														
30	579	575	572	569	566														
35	242	243	245	243	240														
40	40.7	40.6	40.2	39.5	40.3														
45	20.9	20.8	20.8	20.9	20.9														
50	17.0	17.0	17.0	17.1	17.2														
55	11.1	11.1	11.1	11.2	11.2														
60	4.60	4.55	4.57	4.57	4.68														
65	2.02	2.02	2.01	2.03	2.08														
70	0.75	0.75	0.74	0.72	0.73														
75	0.07	0.07	0.07	0.07	0.07														
80	0.04	0.04	0.04	0.04	0.04														
85	0.02	0.02	0.02	0.02	0.02														
90	0.00	0.00	0.00	0.00	0.00														
95	0.00	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.00	0.00	0.00														
105	0.00	0.00	0.00	0.00	0.00														
110	0.00	0.00	0.00	0.00	0.00														
115	0.00	0.00	0.00	0.00	0.00														
120	0.00	0.00	0.00	0.00	0.00														
125	0.00	0.00	0.00	0.00	0.00														
130	0.00	0.00	0.00	0.00	0.00														
135	0.00	0.00	0.00	0.00	0.00														
140	0.00	0.00	0.00	0.00	0.00														
145	0.00	0.00	0.00	0.00	0.00														
150	0.00	0.00	0.00	0.00	0.00														
155	0.00	0.00	0.00	0.00	0.00														
160	0.00	0.00	0.00	0.00	0.00														
165	0.00	0.00	0.00	0.00	0.00														
170	0.00	0.00	0.00	0.00	0.00														
175	0.00	0.00	0.00	0.00	0.00														
180	0.00	0.00	0.00	0.00	0.00														

4.0 LM-79 Measurement and Test Results

4.3 THD and PF Test

Model No.	PIVOTLB @15W2700K	Sample ID	250903026-S1
Temperature (°C)	25.4	Humidity (%RH)	41.0

Test Method
<p>The samples were tested according to the and ANSI C82.77: 2002 and ANSI C82.77-10:2020</p> <p>The total harmonic distortion shall be measured to the 40th order.</p> <p>The ambient temperature shall be maintained at $25 \pm 1^\circ\text{C}$. The sample measurements were made using a digital power meter and power supply. The sample was operated at rated voltage and was stabilized before measurement. The total harmonic distortion was calculated.</p>

Test Results

Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor	iTHD(%)
120.0	60	0.128	14.8	0.965	12.72

5.0 Equipment List:

Equipment ID	Equipment Name	Last Cal.	Due Cal.
NTC-F01-001	Goniophotometer System	2025-11-06	2026-11-05
NTC-F01-006	2.0 meter Integrating Sphere	2025-11-06	2026-11-05
NTC-F01-012	Standard Lamp	2025-10-27	2026-10-26
NTC-F01-013	Standard Lamp	2025-10-27	2026-10-26
NTC-F01-031	Digital Power Meter	2025-08-04	2026-08-03
NTC-F01-019	Temperature & Humidity Meter	2025-10-23	2026-10-22

*******End of Report*******