

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		1313
Minimum Luminaire Efficacy (lm/W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Standard	Premium	88.1
		95	110	
Power (Input Wattage) (W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		14.9
Total Harmonic Distortion (A%) (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	20.00%	120V	12.63
Power Factor (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	0.9	120V	0.966
Allowable CCTs* (K) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	3465±245	3441
		4 steps	3465±124	
Chromaticity (D _{uv}) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	0.0005±0.0060	-0.0009
		4 steps	0.0005±0.0033	
Minimum CRI (Integrating Sphere – Section 4.1)	ANSI/IES LM-79 19 CIE13.3-1995	≥80		96.4
Minimum R9 (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19 CIE13.3-1995	≥0		80
Minimum Rf (Integrating Sphere – Section 4.1)	ANSI/IES TM-30-24	≥70		93
Minimum Rg (Integrating Sphere – Section 4.1)	ANSI/IES TM-30-24	≥89		98
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		0.129
(Goniophotometer – Section 4.2)		Non-Worst Case		N/A
Power (Input Wattage – W)				
(Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		14.9
(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 @15W3500K	-	250903026-S1
2	Goniophotometer Test	2025-12-09	PIVOTLB @15W3500K	-	250903026-S1
3	THD and PF Test	2025-12-09	PIVOTLB @15W3500K	-	250903026-S1

Remark (If any):

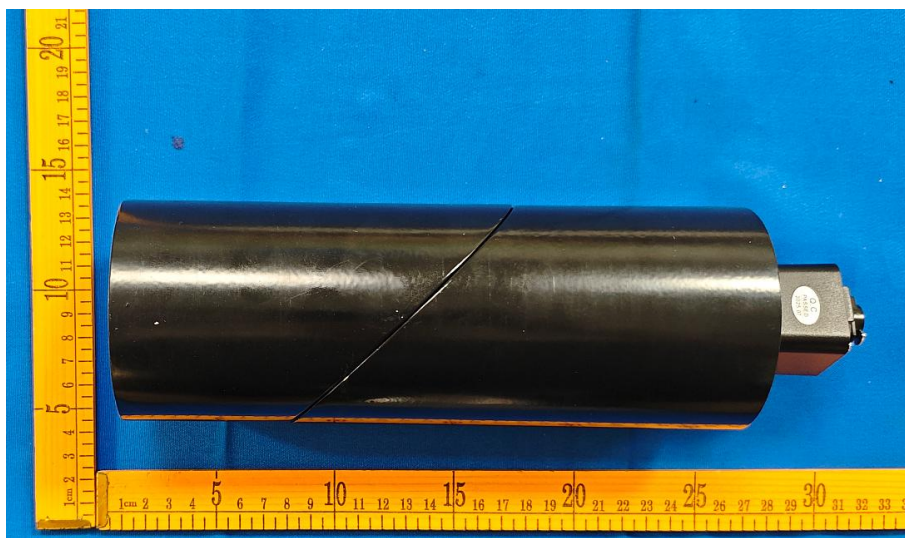
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3. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the U.S. Government.

3.0 Product Description

Luminaire Description: Model No. PIVOTLB @15W3500K, 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 @15W3500K	Sample ID	250903026-S1
Operate time (Min.)	10	Stabilization time (Min.)	60
Temperature (°C)	25.4	Humidity (%RH)	41.0

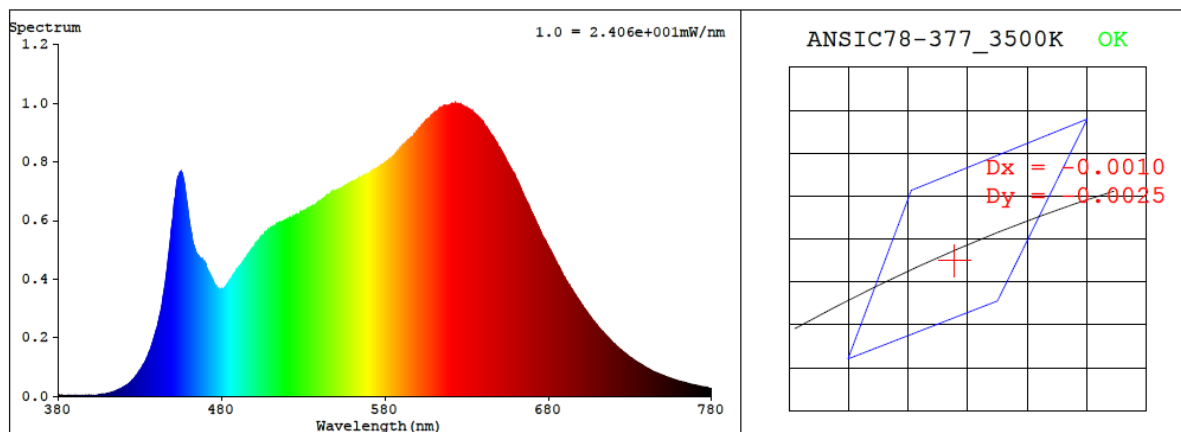
Test Method
<p>The Samples were tested according to the ANSI/IES LM-79:2019.</p> <p>Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at $25\pm1^{\circ}\text{C}$.</p> <p>The sample measurements 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	0.129	14.9	0.966

CCT (K)	CRI	R9	Duv	SDCM	Rf	Rg	IES Rcs,h1
3441	96.4	80	-0.0009	1.5	93	98	-3%

4.1 Integrating Sphere Test



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4077$ $y = 0.3899$ / $u' = 0.2376$ $v' = 0.5113$ ($duv = -8.85e-04$)

CCT= 3441K Prcp WL: $L_d = 581.5\text{nm}$ Purity=39.4%

Peak WL: $L_p = 623\text{nm}$ FWHM: $= 182.4\text{nm}$ Ratio: R=22.6% G=73.4% B=4.0%

Render Index: $R_a = 96.4$ AvgR = 95.2 TM30: $R_f = 94$ $R_g = 99$

EEL: 0.15832 A+

R1 =98 R2 =99 R3 =99 R4 =97 R5 =97 R6 =96 R7 =94

R8 =90 R9 =80 R10=100 R11=99 R12=82 R13=100 R14=100 R15=96

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

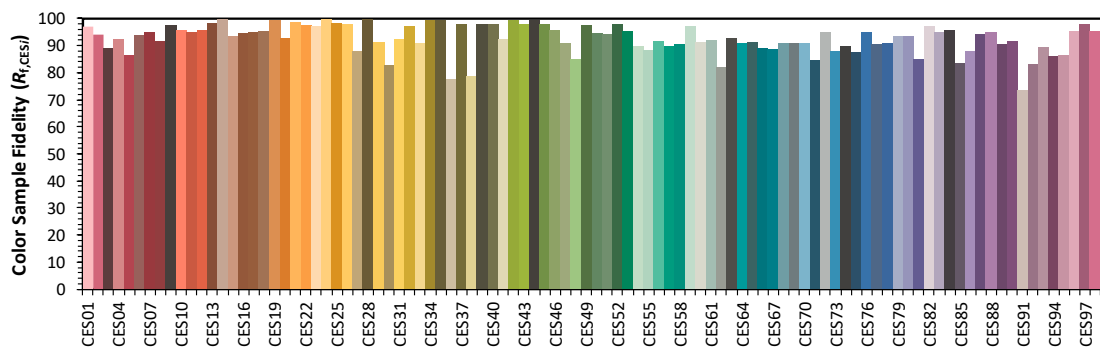
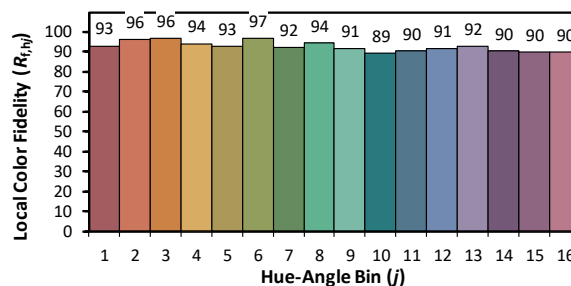
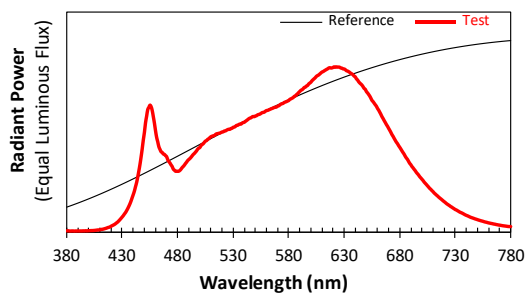
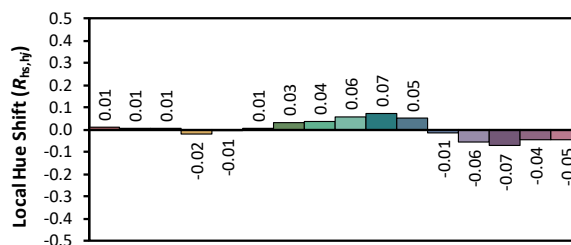
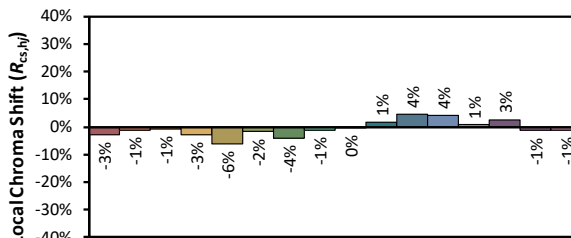
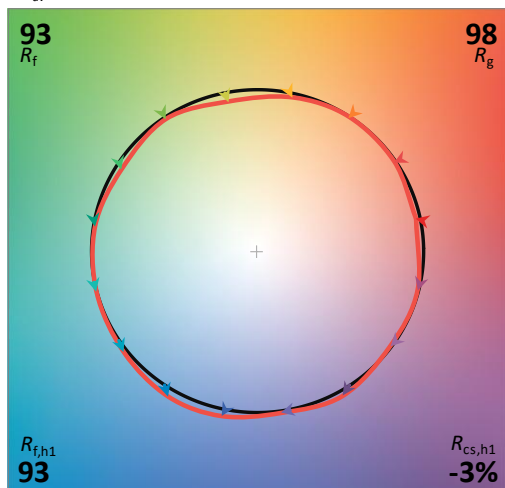
Model: PIVOTLB @15W3500K

Notes: N/A

Other: N/A

CCT: 3440 K
 D_{uv} : -0.0009

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	2.80E-03	447	4.51E-01	514	5.87E-01	581	8.01E-01	648	8.67E-01	715	2.09E-01
381	3.80E-03	448	5.00E-01	515	5.92E-01	582	8.04E-01	649	8.62E-01	716	2.03E-01
382	2.80E-03	449	5.55E-01	516	5.93E-01	583	8.08E-01	650	8.48E-01	717	1.98E-01
383	2.00E-03	450	6.01E-01	517	5.95E-01	584	8.11E-01	651	8.40E-01	718	1.92E-01
384	2.40E-03	451	6.59E-01	518	5.96E-01	585	8.19E-01	652	8.31E-01	719	1.86E-01
385	2.70E-03	452	6.99E-01	519	6.00E-01	586	8.22E-01	653	8.21E-01	720	1.81E-01
386	2.60E-03	453	7.39E-01	520	6.03E-01	587	8.29E-01	654	8.08E-01	721	1.76E-01
387	1.80E-03	454	7.52E-01	521	6.04E-01	588	8.35E-01	655	7.95E-01	722	1.70E-01
388	2.60E-03	455	7.66E-01	522	6.09E-01	589	8.42E-01	656	7.87E-01	723	1.65E-01
389	2.20E-03	456	7.57E-01	523	6.09E-01	590	8.49E-01	657	7.78E-01	724	1.60E-01
390	2.90E-03	457	7.34E-01	524	6.14E-01	591	8.56E-01	658	7.68E-01	725	1.56E-01
391	2.30E-03	458	6.96E-01	525	6.17E-01	592	8.59E-01	659	7.59E-01	726	1.51E-01
392	2.60E-03	459	6.57E-01	526	6.19E-01	593	8.65E-01	660	7.46E-01	727	1.47E-01
393	2.60E-03	460	6.11E-01	527	6.19E-01	594	8.73E-01	661	7.36E-01	728	1.42E-01
394	2.80E-03	461	5.70E-01	528	6.24E-01	595	8.75E-01	662	7.23E-01	729	1.38E-01
395	3.30E-03	462	5.44E-01	529	6.26E-01	596	8.82E-01	663	7.11E-01	730	1.33E-01
396	2.90E-03	463	5.14E-01	530	6.31E-01	597	8.85E-01	664	6.96E-01	731	1.30E-01
397	3.80E-03	464	4.98E-01	531	6.33E-01	598	8.94E-01	665	6.85E-01	732	1.26E-01
398	3.20E-03	465	4.83E-01	532	6.37E-01	599	8.99E-01	666	6.72E-01	733	1.22E-01
399	3.70E-03	466	4.79E-01	533	6.43E-01	600	9.05E-01	667	6.61E-01	734	1.18E-01
400	4.10E-03	467	4.69E-01	534	6.43E-01	601	9.14E-01	668	6.48E-01	735	1.15E-01
401	4.40E-03	468	4.67E-01	535	6.48E-01	602	9.20E-01	669	6.38E-01	736	1.12E-01
402	4.90E-03	469	4.59E-01	536	6.51E-01	603	9.26E-01	670	6.25E-01	737	1.08E-01
403	4.90E-03	470	4.53E-01	537	6.51E-01	604	9.32E-01	671	6.14E-01	738	1.04E-01
404	5.40E-03	471	4.35E-01	538	6.56E-01	605	9.40E-01	672	6.01E-01	739	1.01E-01
405	5.90E-03	472	4.24E-01	539	6.60E-01	606	9.45E-01	673	5.88E-01	740	9.74E-02
406	6.70E-03	473	4.15E-01	540	6.62E-01	607	9.49E-01	674	5.77E-01	741	9.47E-02
407	7.70E-03	474	4.03E-01	541	6.67E-01	608	9.55E-01	675	5.65E-01	742	9.17E-02
408	8.60E-03	475	3.94E-01	542	6.72E-01	609	9.61E-01	676	5.53E-01	743	8.84E-02
409	8.80E-03	476	3.78E-01	543	6.77E-01	610	9.66E-01	677	5.41E-01	744	8.53E-02
410	1.02E-02	477	3.72E-01	544	6.83E-01	611	9.69E-01	678	5.32E-01	745	8.30E-02
411	1.18E-02	478	3.65E-01	545	6.87E-01	612	9.74E-01	679	5.20E-01	746	8.06E-02
412	1.27E-02	479	3.65E-01	546	6.89E-01	613	9.78E-01	680	5.10E-01	747	7.82E-02
413	1.41E-02	480	3.64E-01	547	6.94E-01	614	9.82E-01	681	5.00E-01	748	7.56E-02
414	1.60E-02	481	3.65E-01	548	6.97E-01	615	9.86E-01	682	4.89E-01	749	7.37E-02
415	1.79E-02	482	3.70E-01	549	6.96E-01	616	9.90E-01	683	4.78E-01	750	7.13E-02
416	2.03E-02	483	3.78E-01	550	7.00E-01	617	9.93E-01	684	4.68E-01	751	6.90E-02
417	2.30E-02	484	3.87E-01	551	7.02E-01	618	9.91E-01	685	4.56E-01	752	6.69E-02
418	2.48E-02	485	3.94E-01	552	7.07E-01	619	9.92E-01	686	4.45E-01	753	6.48E-02
419	2.73E-02	486	4.02E-01	553	7.09E-01	620	9.94E-01	687	4.37E-01	754	6.30E-02
420	3.14E-02	487	4.12E-01	554	7.11E-01	621	9.98E-01	688	4.25E-01	755	6.12E-02
421	3.50E-02	488	4.20E-01	555	7.15E-01	622	9.95E-01	689	4.13E-01	756	5.89E-02
422	3.84E-02	489	4.30E-01	556	7.20E-01	623	9.98E-01	690	4.05E-01	757	5.70E-02
423	4.21E-02	490	4.36E-01	557	7.22E-01	624	9.96E-01	691	3.94E-01	758	5.55E-02
424	4.69E-02	491	4.42E-01	558	7.23E-01	625	9.96E-01	692	3.86E-01	759	5.37E-02
425	5.23E-02	492	4.49E-01	559	7.29E-01	626	9.95E-01	693	3.76E-01	760	5.17E-02
426	5.75E-02	493	4.58E-01	560	7.33E-01	627	9.91E-01	694	3.68E-01	761	5.04E-02
427	6.44E-02	494	4.67E-01	561	7.34E-01	628	9.90E-01	695	3.58E-01	762	4.87E-02
428	7.18E-02	495	4.73E-01	562	7.37E-01	629	9.85E-01	696	3.50E-01	763	4.76E-02
429	7.95E-02	496	4.81E-01	563	7.40E-01	630	9.85E-01	697	3.42E-01	764	4.59E-02
430	8.76E-02	497	4.89E-01	564	7.43E-01	631	9.81E-01	698	3.32E-01	765	4.44E-02
431	9.58E-02	498	4.99E-01	565	7.46E-01	632	9.75E-01	699	3.25E-01	766	4.33E-02
432	1.06E-01	499	5.05E-01	566	7.48E-01	633	9.72E-01	700	3.17E-01	767	4.15E-02
433	1.15E-01	500	5.09E-01	567	7.52E-01	634	9.68E-01	701	3.09E-01	768	4.04E-02
434	1.26E-01	501	5.20E-01	568	7.53E-01	635	9.64E-01	702	3.00E-01	769	3.88E-02
435	1.39E-01	502	5.27E-01	569	7.54E-01	636	9.58E-01	703	2.92E-01	770	3.79E-02
436	1.53E-01	503	5.32E-01	570	7.60E-01	637	9.55E-01	704	2.85E-01	771	3.67E-02
437	1.68E-01	504	5.40E-01	571	7.62E-01	638	9.49E-01	705	2.77E-01	772	3.53E-02
438	1.85E-01	505	5.48E-01	572	7.67E-01	639	9.41E-01	706	2.69E-01	773	3.43E-02
439	2.05E-01	506	5.51E-01	573	7.72E-01	640	9.37E-01	707	2.61E-01	774	3.33E-02
440	2.24E-01	507	5.58E-01	574	7.74E-01	641	9.25E-01	708	2.55E-01	775	3.25E-02
441	2.45E-01	508	5.62E-01	575	7.77E-01	642	9.19E-01	709	2.48E-01	776	3.15E-02
442	2.72E-01	509	5.69E-01	576	7.82E-01	643	9.08E-01	710	2.41E-01	777	3.04E-02
443	2.97E-01	510	5.74E-01	577	7.85E-01	644	9.00E-01	711	2.33E-01	778	2.95E-02
444	3.31E-01	511	5.77E-01	578	7.87E-01	645	8.94E-01	712	2.27E-01	779	2.93E-02
445	3.67E-01	512	5.80E-01	579	7.91E-01	646	8.87E-01	713	2.21E-01	780	2.93E-02
446	4.06E-01	513	5.81E-01	580	7.94E-01	647	8.78E-01	714	2.15E-01	N/A	N/A

4.0 LM-79 Measurement and Test Results

4.2 Goniophotometer Test

Model No.	PIVOTLB @15W3500K	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 $25 \pm 1^\circ\text{C}$, 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	0.129	14.9	0.966
NON-WORST CASE	N/A	N/A	N/A	N/A	N/A

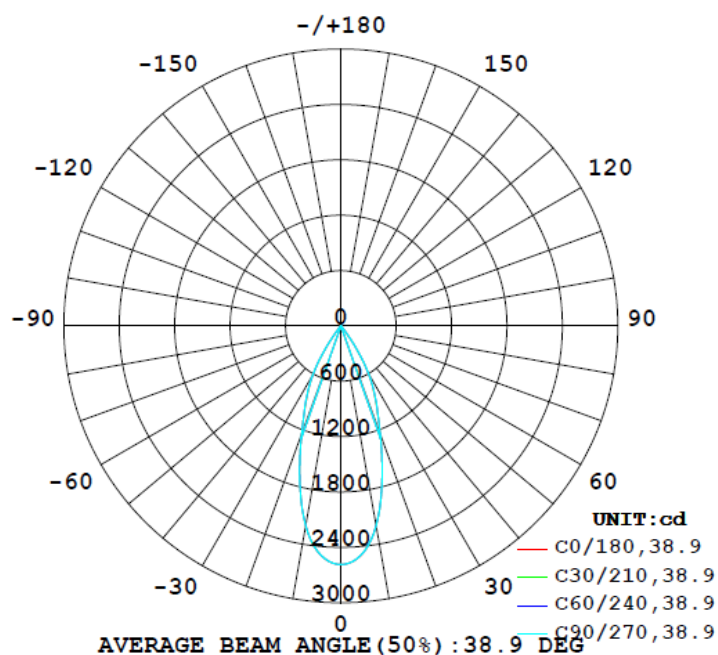
Test Result

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°)
1313	70.2	70.5	39.0	38.9	88.1	100.0%

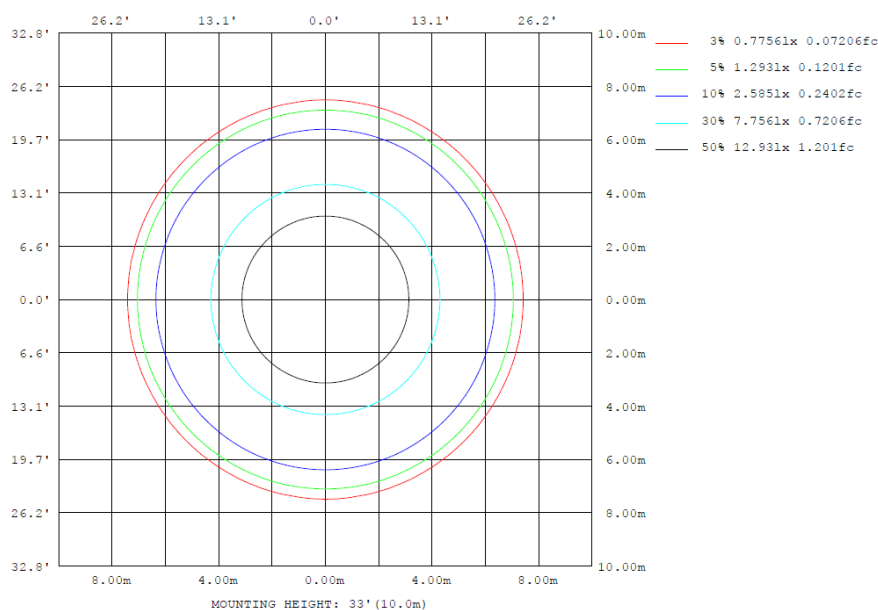
4.2 Goniophotometer Test

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	2202	2197	2200	2197	2202	2197	2200	2197	0- 10	228.8	228.8	17.4,17.4
20	1247	1246	1246	1246	1247	1246	1246	1246	10- 20	474.1	702.9	53.5,53.5
30	597.6	604.3	605.8	604.3	597.6	604.3	605.8	604.3	20- 30	410.9	1114	84.8,84.8
40	41.59	42.28	44.68	42.28	41.59	42.28	44.68	42.28	30- 40	167.4	1281	97.6,97.6
50	18.12	17.88	17.67	17.88	18.12	17.88	17.67	17.88	40- 50	18.76	1300	99.99
60	5.016	4.849	4.844	4.849	5.016	4.849	4.844	4.849	50- 60	10.30	1310	99.8,99.8
70	0.8619	0.7914	0.7754	0.7914	0.8619	0.7914	0.7754	0.7914	60- 70	2.317	1313	100,100
80	0.0382	0.0388	0.0387	0.0388	0.0382	0.0388	0.0387	0.0388	70- 80	0.1660	1313	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0200	1313	100,100
100	0	0	0	0	0	0	0	0	90-100	0	1313	100,100
110	0	0	0	0	0	0	0	0	100-110	0	1313	100,100
120	0	0	0	0	0	0	0	0	110-120	0	1313	100,100
130	0	0	0	0	0	0	0	0	120-130	0	1313	100,100
140	0	0	0	0	0	0	0	0	130-140	0	1313	100,100
150	0	0	0	0	0	0	0	0	140-150	0	1313	100,100
160	0	0	0	0	0	0	0	0	150-160	0	1313	100,100
170	0	0	0	0	0	0	0	0	160-170	0	1313	100,100
180	0	0	0	0	0	0	0	0	170-180	0	1313	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Zonal (lm)		Total (lm)		Percent
0-10	228.76	0-10	228.76	17.43%
10-20	474.14	0-20	702.90	53.54%
20-30	410.91	0-30	1113.81	84.84%
30-40	167.40	0-40	1281.21	97.60%
40-50	18.76	0-50	1299.97	99.02%
50-60	10.30	0-60	1310.27	99.81%
60-70	2.32	0-70	1312.59	99.99%
70-80	0.17	0-80	1312.76	100.00%
80-90	0.02	0-90	1312.78	100.00%
90-100	0.00	0-100	1312.78	100.00%
100-110	0.00	0-110	1312.78	100.00%
110-120	0.00	0-120	1312.78	100.00%
120-130	0.00	0-130	1312.78	100.00%
130-140	0.00	0-140	1312.78	100.00%
140-150	0.00	0-150	1312.78	100.00%
150-160	0.00	0-160	1312.78	100.00%
160-170	0.00	0-170	1312.78	100.00%
170-180	0.00	0-180	1312.78	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	2585	2586	2586	2586	2586	2585	2585	2585	2586	2586	2586	2586	2585	2586	2586	2586	2586	2585	2585
5	2497	2495	2494	2494	2494	2494	2494	2494	2494	2494	2494	2495	2497	2495	2494	2494	2494	2494	2494
10	2202	2199	2198	2197	2198	2200	2200	2200	2198	2197	2198	2199	2202	2199	2198	2197	2198	2200	2200
15	1729	1728	1726	1726	1725	1728	1729	1728	1725	1726	1726	1728	1729	1728	1726	1726	1725	1728	1729
20	1247	1245	1246	1246	1248	1248	1246	1248	1246	1246	1246	1245	1247	1245	1246	1246	1248	1248	1246
25	893	888	898	901	904	906	905	906	904	901	898	888	893	888	898	901	904	906	905
30	598	600	603	604	606	608	606	608	606	604	603	600	598	600	603	604	606	608	606
35	248	248	252	256	260	264	264	260	256	252	248	248	248	252	256	260	264	264	264
40	41.6	41.8	42.1	42.3	43.1	43.8	44.7	43.8	43.1	42.3	42.1	41.8	41.6	41.8	42.1	42.3	43.1	43.8	44.7
45	22.1	21.9	21.9	21.8	21.9	21.9	21.8	21.9	21.9	21.8	21.9	21.9	22.1	21.9	21.9	21.8	21.9	21.9	21.8
50	18.1	18.0	17.9	17.9	17.8	17.8	17.7	17.8	17.8	17.9	17.9	18.0	18.1	18.0	17.9	17.9	17.8	17.8	17.7
55	12.0	11.8	11.8	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.8	12.0	11.8	11.8	11.7	11.7	11.7	11.7
60	5.02	4.96	4.84	4.85	4.83	4.89	4.84	4.89	4.83	4.85	4.84	4.96	5.02	4.96	4.84	4.85	4.83	4.89	4.84
65	2.30	2.19	2.15	2.12	2.14	2.14	2.10	2.14	2.14	2.12	2.15	2.19	2.30	2.19	2.15	2.12	2.14	2.14	2.10
70	0.86	0.79	0.77	0.79	0.80	0.80	0.78	0.80	0.80	0.79	0.77	0.79	0.86	0.79	0.77	0.79	0.80	0.80	0.78
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	2585	2586	2586	2586	2586														
5	2494	2494	2494	2494	2495														
10	2200	2198	2197	2198	2199														
15	1728	1725	1726	1726	1728														
20	1248	1248	1246	1246	1245														
25	906	904	901	898	888														
30	608	606	604	603	600														
35	264	260	256	252	248														
40	43.8	43.1	42.3	42.1	41.8														
45	21.9	21.9	21.8	21.9	21.9														
50	17.8	17.8	17.9	17.9	18.0														
55	11.7	11.7	11.7	11.8	11.8														
60	4.89	4.83	4.85	4.84	4.96														
65	2.14	2.14	2.12	2.15	2.19														
70	0.80	0.80	0.79	0.77	0.79														
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 @15W3500K	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	0.129	14.9	0.966	12.63

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*****