

## Photometric Test Report

### Relevant Standards

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

Prepared For

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Prepared By

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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		921
Minimum Luminaire Efficacy (lm/W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Standard	Premium	92.1
		95	110	
Power (Input Wattage) (W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		10.0
Total Harmonic Distortion (A%) (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	20.00%	120V	14.03
Power Factor (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	0.9	120V	0.938
Allowable CCTs* (K) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	3465±245	3389
		4 steps	3465±124	
Chromaticity (D <sub>uv</sub> ) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	0.0005±0.0060	-0.0008
		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		81
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		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		0.089
(Goniophotometer – Section 4.2)		Non-Worst Case		N/A
Power (Input Wattage – W)				
(Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		10.0
(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 @10W3500K	-	250903026-S1
2	Goniophotometer Test	2025-12-09	PIVOTLB @10W3500K	-	250903026-S1
3	THD and PF Test	2025-12-09	PIVOTLB @10W3500K	-	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 @10W3500K, 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

<b>Model No.</b>	PIVOTLB @10W3500K	<b>Sample ID</b>	250903026-S1
<b>Operate time (Min.)</b>	10	<b>Stabilization time (Min.)</b>	60
<b>Temperature (°C)</b>	25.4	<b>Humidity (%RH)</b>	41.0

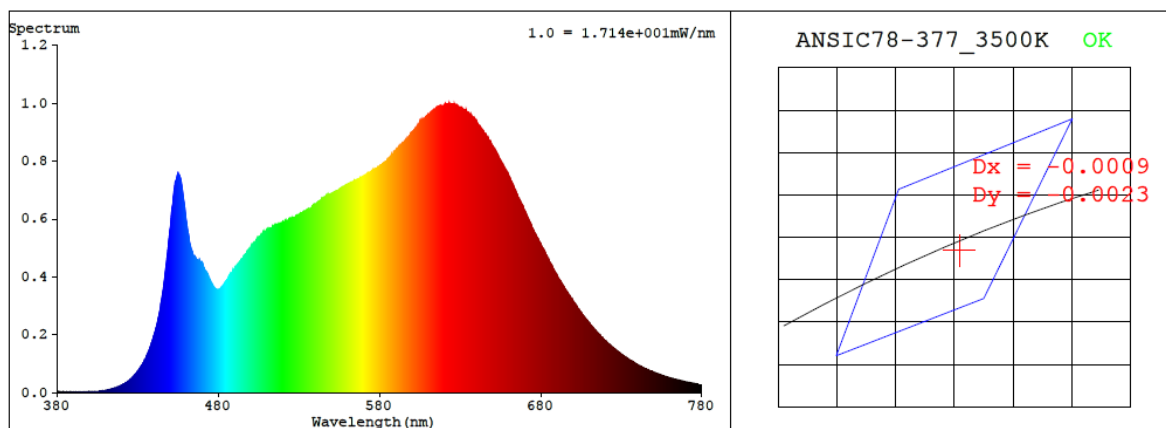
<b>Test Method</b>
<p>The Samples were tested according to the ANSI/IES LM-79:2019.</p> <p>Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at <math>25\pm1^{\circ}\text{C}</math>.</p> <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 <math>\pm 0.2</math> percent under load.</p> <p>The sample was measured using <math>4\pi</math> 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

<b>Voltage (Vac)</b>	<b>Frequency (Hz)</b>	<b>Current (A)</b>	<b>Power (W)</b>	<b>Power Factor</b>
120.0	60	0.089	10.0	0.938

<b>CCT (K)</b>	<b>CRI</b>	<b>R9</b>	<b>Duv</b>	<b>SDCM</b>	<b>Rf</b>	<b>Rg</b>	<b>IES Rcs,h1</b>
3389	96.4	81	-0.0008	2.4	92	98	-3%

## 4.1 Integrating Sphere Test



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.4108$   $y = 0.3916$  /  $u' = 0.2389$   $v' = 0.5124$  ( $duv = -7.95e-04$ )

CCT= 3389K Prcp WL:  $L_d = 581.6\text{nm}$  Purity=40.8%

Peak WL:  $L_p = 623\text{nm}$  FWHM:  $= 181.1\text{nm}$  Ratio: R=22.9% G=73.1% B=4.0%

Render Index:  $R_a = 96.4$  AvgR = 95.2 TM30:  $R_f = 93$   $R_g = 99$

EEL: 0.14247 A+

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

R8 =91 R9 =81 R10=99 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

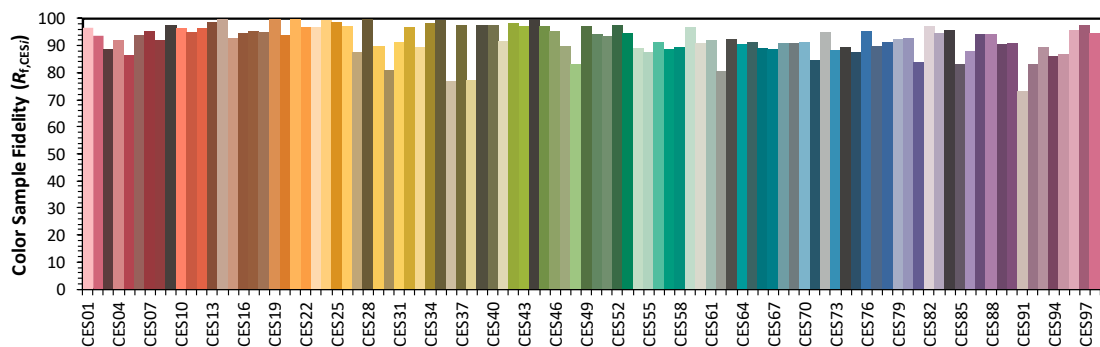
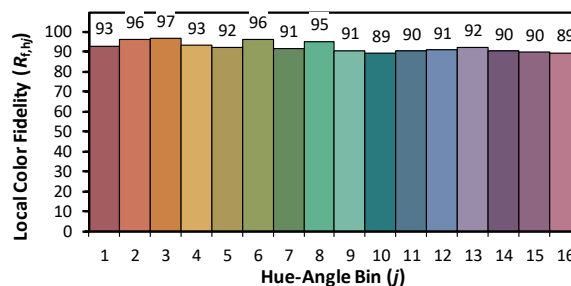
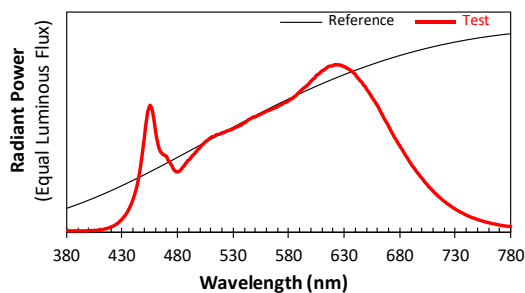
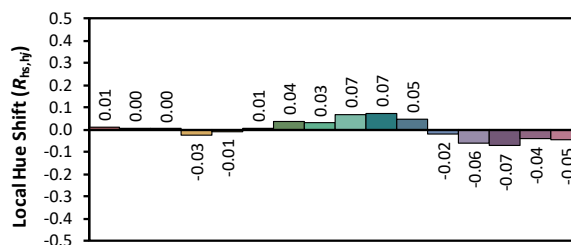
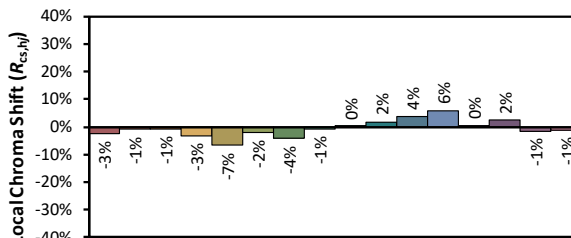
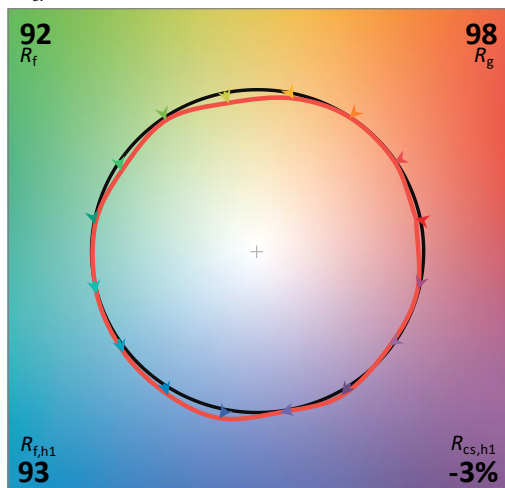
Model: PIVOTLB @10W3500K

Notes: N/A

Other: N/A

CCT: 3388 K  
 $D_{uv}$ : -0.0008

**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	3.90E-03	447	4.12E-01	514	5.75E-01	581	7.87E-01	648	8.72E-01	715	2.08E-01
381	3.10E-03	448	4.60E-01	515	5.78E-01	582	7.91E-01	649	8.67E-01	716	2.03E-01
382	3.00E-03	449	5.13E-01	516	5.80E-01	583	7.95E-01	650	8.52E-01	717	1.98E-01
383	2.10E-03	450	5.65E-01	517	5.81E-01	584	7.98E-01	651	8.44E-01	718	1.91E-01
384	2.90E-03	451	6.25E-01	518	5.82E-01	585	8.06E-01	652	8.35E-01	719	1.85E-01
385	1.20E-03	452	6.72E-01	519	5.87E-01	586	8.10E-01	653	8.25E-01	720	1.80E-01
386	3.00E-03	453	7.17E-01	520	5.89E-01	587	8.17E-01	654	8.14E-01	721	1.75E-01
387	2.50E-03	454	7.35E-01	521	5.89E-01	588	8.24E-01	655	8.02E-01	722	1.69E-01
388	3.00E-03	455	7.54E-01	522	5.95E-01	589	8.30E-01	656	7.92E-01	723	1.65E-01
389	1.80E-03	456	7.46E-01	523	5.95E-01	590	8.36E-01	657	7.83E-01	724	1.60E-01
390	2.20E-03	457	7.27E-01	524	6.00E-01	591	8.43E-01	658	7.74E-01	725	1.56E-01
391	2.50E-03	458	6.91E-01	525	6.02E-01	592	8.49E-01	659	7.62E-01	726	1.51E-01
392	2.40E-03	459	6.49E-01	526	6.05E-01	593	8.54E-01	660	7.52E-01	727	1.46E-01
393	2.30E-03	460	6.01E-01	527	6.04E-01	594	8.61E-01	661	7.40E-01	728	1.42E-01
394	2.90E-03	461	5.61E-01	528	6.09E-01	595	8.64E-01	662	7.27E-01	729	1.38E-01
395	2.40E-03	462	5.30E-01	529	6.11E-01	596	8.71E-01	663	7.14E-01	730	1.33E-01
396	2.40E-03	463	5.00E-01	530	6.15E-01	597	8.76E-01	664	7.01E-01	731	1.30E-01
397	2.80E-03	464	4.84E-01	531	6.18E-01	598	8.83E-01	665	6.89E-01	732	1.25E-01
398	2.90E-03	465	4.72E-01	532	6.22E-01	599	8.90E-01	666	6.76E-01	733	1.22E-01
399	3.20E-03	466	4.66E-01	533	6.26E-01	600	8.99E-01	667	6.65E-01	734	1.18E-01
400	2.80E-03	467	4.58E-01	534	6.26E-01	601	9.05E-01	668	6.53E-01	735	1.14E-01
401	3.80E-03	468	4.57E-01	535	6.31E-01	602	9.11E-01	669	6.43E-01	736	1.11E-01
402	4.50E-03	469	4.51E-01	536	6.35E-01	603	9.16E-01	670	6.29E-01	737	1.08E-01
403	4.20E-03	470	4.48E-01	537	6.35E-01	604	9.23E-01	671	6.17E-01	738	1.04E-01
404	4.90E-03	471	4.31E-01	538	6.41E-01	605	9.35E-01	672	6.04E-01	739	9.98E-02
405	5.10E-03	472	4.20E-01	539	6.47E-01	606	9.37E-01	673	5.91E-01	740	9.70E-02
406	5.40E-03	473	4.12E-01	540	6.48E-01	607	9.43E-01	674	5.79E-01	741	9.36E-02
407	5.80E-03	474	4.00E-01	541	6.53E-01	608	9.47E-01	675	5.66E-01	742	9.15E-02
408	6.80E-03	475	3.90E-01	542	6.57E-01	609	9.55E-01	676	5.55E-01	743	8.76E-02
409	7.50E-03	476	3.74E-01	543	6.63E-01	610	9.61E-01	677	5.45E-01	744	8.54E-02
410	8.10E-03	477	3.66E-01	544	6.69E-01	611	9.63E-01	678	5.34E-01	745	8.27E-02
411	9.70E-03	478	3.59E-01	545	6.72E-01	612	9.69E-01	679	5.22E-01	746	8.00E-02
412	1.01E-02	479	3.57E-01	546	6.76E-01	613	9.72E-01	680	5.14E-01	747	7.81E-02
413	1.15E-02	480	3.55E-01	547	6.80E-01	614	9.78E-01	681	5.02E-01	748	7.54E-02
414	1.38E-02	481	3.58E-01	548	6.84E-01	615	9.83E-01	682	4.93E-01	749	7.35E-02
415	1.48E-02	482	3.63E-01	549	6.83E-01	616	9.87E-01	683	4.81E-01	750	7.10E-02
416	1.69E-02	483	3.70E-01	550	6.86E-01	617	9.89E-01	684	4.70E-01	751	6.88E-02
417	1.87E-02	484	3.79E-01	551	6.89E-01	618	9.90E-01	685	4.58E-01	752	6.67E-02
418	2.10E-02	485	3.87E-01	552	6.94E-01	619	9.89E-01	686	4.47E-01	753	6.47E-02
419	2.27E-02	486	3.93E-01	553	6.96E-01	620	9.93E-01	687	4.39E-01	754	6.27E-02
420	2.60E-02	487	4.05E-01	554	6.98E-01	621	9.98E-01	688	4.26E-01	755	6.04E-02
421	2.94E-02	488	4.12E-01	555	7.02E-01	622	9.96E-01	689	4.15E-01	756	5.88E-02
422	3.17E-02	489	4.23E-01	556	7.06E-01	623	9.99E-01	690	4.07E-01	757	5.63E-02
423	3.52E-02	490	4.27E-01	557	7.09E-01	624	9.96E-01	691	3.95E-01	758	5.48E-02
424	3.93E-02	491	4.33E-01	558	7.11E-01	625	9.97E-01	692	3.87E-01	759	5.32E-02
425	4.39E-02	492	4.43E-01	559	7.17E-01	626	9.97E-01	693	3.78E-01	760	5.12E-02
426	4.83E-02	493	4.51E-01	560	7.18E-01	627	9.92E-01	694	3.69E-01	761	5.01E-02
427	5.37E-02	494	4.58E-01	561	7.22E-01	628	9.93E-01	695	3.60E-01	762	4.89E-02
428	6.08E-02	495	4.63E-01	562	7.23E-01	629	9.88E-01	696	3.51E-01	763	4.67E-02
429	6.65E-02	496	4.73E-01	563	7.26E-01	630	9.86E-01	697	3.43E-01	764	4.57E-02
430	7.39E-02	497	4.79E-01	564	7.30E-01	631	9.85E-01	698	3.34E-01	765	4.41E-02
431	8.17E-02	498	4.89E-01	565	7.32E-01	632	9.77E-01	699	3.25E-01	766	4.29E-02
432	9.02E-02	499	4.95E-01	566	7.35E-01	633	9.76E-01	700	3.19E-01	767	4.13E-02
433	9.85E-02	500	5.00E-01	567	7.37E-01	634	9.73E-01	701	3.10E-01	768	4.00E-02
434	1.09E-01	501	5.10E-01	568	7.40E-01	635	9.68E-01	702	3.00E-01	769	3.87E-02
435	1.19E-01	502	5.18E-01	569	7.42E-01	636	9.61E-01	703	2.92E-01	770	3.74E-02
436	1.32E-01	503	5.21E-01	570	7.47E-01	637	9.59E-01	704	2.85E-01	771	3.61E-02
437	1.46E-01	504	5.31E-01	571	7.50E-01	638	9.52E-01	705	2.78E-01	772	3.51E-02
438	1.60E-01	505	5.37E-01	572	7.54E-01	639	9.46E-01	706	2.69E-01	773	3.41E-02
439	1.78E-01	506	5.40E-01	573	7.59E-01	640	9.41E-01	707	2.62E-01	774	3.30E-02
440	1.96E-01	507	5.46E-01	574	7.60E-01	641	9.28E-01	708	2.55E-01	775	3.19E-02
441	2.16E-01	508	5.52E-01	575	7.65E-01	642	9.22E-01	709	2.49E-01	776	3.08E-02
442	2.39E-01	509	5.57E-01	576	7.70E-01	643	9.13E-01	710	2.41E-01	777	3.02E-02
443	2.64E-01	510	5.63E-01	577	7.72E-01	644	9.05E-01	711	2.34E-01	778	2.91E-02
444	2.94E-01	511	5.66E-01	578	7.74E-01	645	8.97E-01	712	2.27E-01	779	2.90E-02
445	3.29E-01	512	5.67E-01	579	7.79E-01	646	8.92E-01	713	2.21E-01	780	2.90E-02
446	3.66E-01	513	5.68E-01	580	7.82E-01	647	8.81E-01	714	2.16E-01	N/A	N/A



## 4.0 LM-79 Measurement and Test Results

### 4.2 Goniophotometer Test

<b>Model No.</b>	PIVOTLB @10W3500K	<b>Sample ID</b>	250903026-S1
<b>Operate time (Min.)</b>	30	<b>Stabilization time (Min.)</b>	60
<b>Temperature (°C)</b>	25.1	<b>Humidity (%RH)</b>	40.9

<b>Test Method</b>
<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 <math>25 \pm 1^\circ\text{C}</math>, 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 <math>\pm 0.2</math> 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 <math>1.0^\circ</math> vertical intervals and <math>15^\circ</math> horizontal intervals.</p>

### Test Conditions

Condition	Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor
<b>WORST CASE</b>	120.0	60	0.089	10.0	0.938
<b>NON-WORST CASE</b>	N/A	N/A	N/A	N/A	N/A

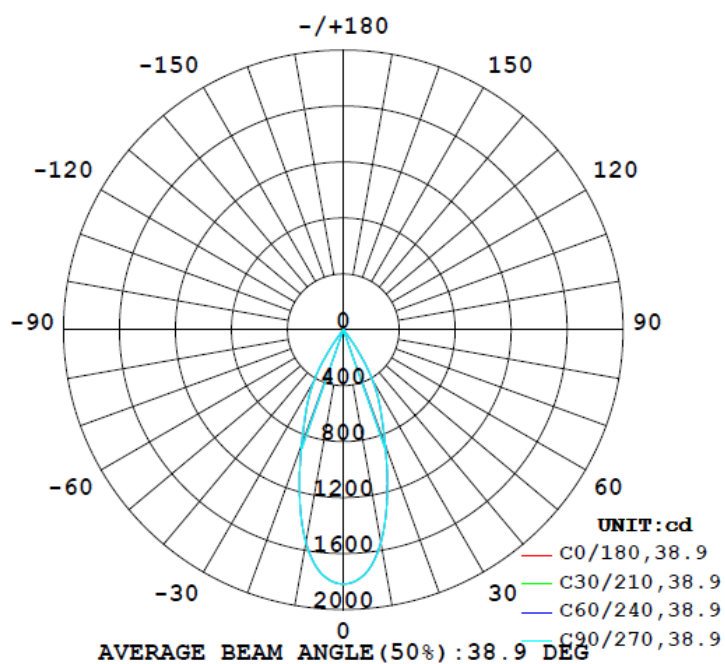
### Test Result

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°)
921	70.1	70.6	38.9	38.9	92.1	100.0%

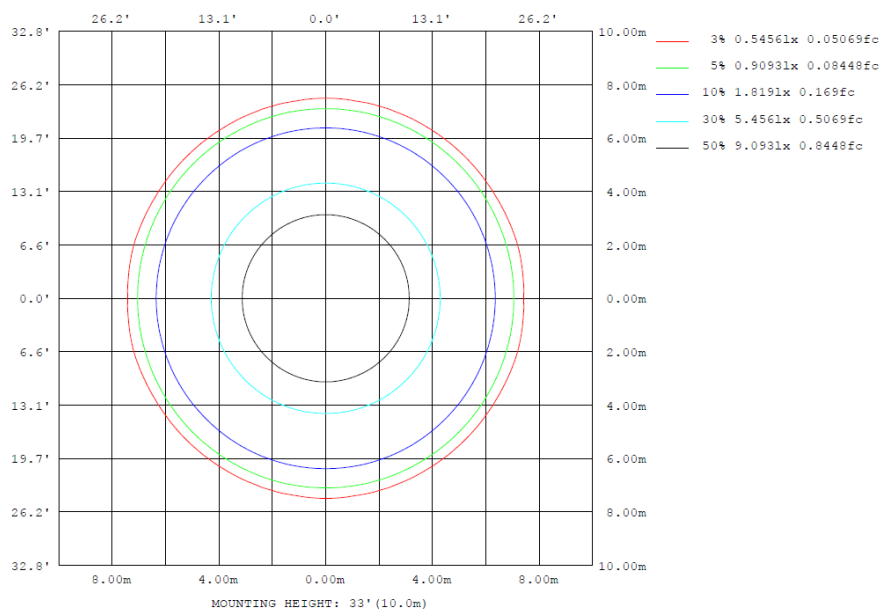
## 4.2 Goniophotometer Test

### 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	1548	1544	1546	1544	1548	1544	1546	1544	0- 10	160.8	160.8	17.5,17.5
20	875.7	875.5	875.9	875.5	875.7	875.5	875.9	875.5	10- 20	333.3	494.1	53.6,53.6
30	418.6	423.2	425.2	423.2	418.6	423.2	425.2	423.2	20- 30	288.2	782.3	84.9,84.9
40	29.24	29.55	31.69	29.55	29.24	29.55	31.69	29.55	30- 40	116.7	899.0	97.6,97.6
50	12.68	12.50	12.35	12.50	12.68	12.50	12.35	12.50	40- 50	13.14	912.1	99.99
60	3.502	3.393	3.393	3.393	3.502	3.393	3.393	3.393	50- 60	7.177	919.3	99.8,99.8
70	0.6072	0.5536	0.5437	0.5536	0.6072	0.5536	0.5437	0.5536	60- 70	1.622	920.9	100,100
80	0.0257	0.0270	0.0267	0.0270	0.0257	0.0270	0.0267	0.0270	70- 80	0.1160	921.1	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0135	921.1	100,100
100	0	0	0	0	0	0	0	0	90-100	0	921.1	100,100
110	0	0	0	0	0	0	0	0	100-110	0	921.1	100,100
120	0	0	0	0	0	0	0	0	110-120	0	921.1	100,100
130	0	0	0	0	0	0	0	0	120-130	0	921.1	100,100
140	0	0	0	0	0	0	0	0	130-140	0	921.1	100,100
150	0	0	0	0	0	0	0	0	140-150	0	921.1	100,100
160	0	0	0	0	0	0	0	0	150-160	0	921.1	100,100
170	0	0	0	0	0	0	0	0	160-170	0	921.1	100,100
180	0	0	0	0	0	0	0	0	170-180	0	921.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Zonal (lm)		Total (lm)		Percent
0-10	160.81	0-10	160.81	17.46%
10-20	333.27	0-20	494.08	53.64%
20-30	288.22	0-30	782.30	84.93%
30-40	116.71	0-40	899.01	97.60%
40-50	13.14	0-50	912.15	99.03%
50-60	7.18	0-60	919.33	99.81%
60-70	1.62	0-70	920.95	99.99%
70-80	0.12	0-80	921.07	100.00%
80-90	0.01	0-90	921.08	100.00%
90-100	0.00	0-100	921.08	100.00%
100-110	0.00	0-110	921.08	100.00%
110-120	0.00	0-120	921.08	100.00%
120-130	0.00	0-130	921.08	100.00%
130-140	0.00	0-140	921.08	100.00%
140-150	0.00	0-150	921.08	100.00%
150-160	0.00	0-160	921.08	100.00%
160-170	0.00	0-170	921.08	100.00%
170-180	0.00	0-180	921.08	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	1819	1818	1819	1818	1818	1818	1818	1818	1818	1818	1819	1818	1819	1818	1819	1818	1818	1818	1818
5	1756	1754	1754	1753	1754	1753	1754	1753	1754	1753	1754	1754	1756	1754	1754	1753	1754	1753	1754
10	1548	1546	1546	1544	1544	1546	1546	1546	1544	1544	1546	1546	1548	1546	1546	1544	1544	1546	1546
15	1215	1214	1214	1213	1213	1215	1216	1215	1213	1213	1214	1214	1215	1214	1214	1213	1213	1215	1216
20	876	875	875	875	877	877	876	877	877	875	875	875	876	875	875	875	877	877	876
25	625	624	628	630	633	634	634	634	633	630	628	624	625	624	628	630	633	634	634
30	419	420	422	423	424	425	425	425	424	423	422	420	419	420	422	423	424	425	425
35	175	175	177	180	182	184	184	184	182	180	177	175	175	175	177	180	182	184	184
40	29.2	29.3	29.3	29.5	29.9	30.6	31.7	30.6	29.9	29.5	29.3	29.3	29.2	29.3	29.3	29.5	29.9	30.6	31.7
45	15.5	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.5	15.3	15.3	15.3	15.3	15.3	15.3
50	12.7	12.6	12.5	12.5	12.5	12.4	12.4	12.4	12.5	12.5	12.5	12.6	12.7	12.6	12.5	12.5	12.5	12.4	12.4
55	8.36	8.27	8.22	8.18	8.19	8.16	8.20	8.16	8.19	8.18	8.22	8.27	8.36	8.27	8.22	8.18	8.19	8.16	8.20
60	3.50	3.46	3.39	3.39	3.37	3.41	3.39	3.41	3.37	3.39	3.39	3.46	3.50	3.46	3.39	3.39	3.37	3.41	3.39
65	1.61	1.54	1.50	1.49	1.50	1.50	1.47	1.50	1.50	1.49	1.50	1.54	1.61	1.54	1.50	1.49	1.50	1.50	1.47
70	0.61	0.55	0.54	0.55	0.56	0.56	0.54	0.56	0.56	0.55	0.54	0.55	0.61	0.55	0.54	0.55	0.56	0.56	0.54
75	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
80	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
85	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
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	1818	1818	1818	1819	1818														
5	1753	1754	1753	1754	1754														
10	1546	1544	1544	1546	1546														
15	1215	1213	1213	1214	1214														
20	877	877	875	875	875														
25	634	633	630	628	624														
30	425	424	423	422	420														
35	184	182	180	177	175														
40	30.6	29.9	29.5	29.3	29.3														
45	15.3	15.3	15.3	15.3	15.3														
50	12.4	12.5	12.5	12.5	12.6														
55	8.16	8.19	8.18	8.22	8.27														
60	3.41	3.37	3.39	3.39	3.46														
65	1.50	1.50	1.49	1.50	1.54														
70	0.56	0.56	0.55	0.54	0.55														
75	0.05	0.05	0.05	0.05	0.05														
80	0.03	0.03	0.03	0.03	0.03														
85	0.01	0.01	0.01	0.01	0.01														
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

<b>Model No.</b>	PIVOTLB @10W3500K	<b>Sample ID</b>	250903026-S1
<b>Temperature (°C)</b>	25.4	<b>Humidity (%RH)</b>	41.0

<b>Test Method</b>
<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 <math>25 \pm 1^\circ\text{C}</math>. 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	0.089	10.0	0.938	14.03

## 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\*\*\*\*\*