

## Photometric Test Report

### Relevant Standards

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

Prepared For

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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		1354
Minimum Luminaire Efficacy (lm/W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Standard	Premium	90.3
		95	110	
Power (Input Wattage) (W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		15.0
Total Harmonic Distortion (A%) (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	20.00%	120V	12.62
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	3985±275	3958
		4 steps	3985±154	
Chromaticity (D <sub>uv</sub> ) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	0.0010±0.0060	-0.0003
		4 steps	0.0010±0.0033	
Minimum CRI (Integrating Sphere – Section 4.1)	ANSI/IES LM-79 19 CIE13.3-1995	≥80		96.1
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		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		0.129
(Goniophotometer – Section 4.2)		Non-Worst Case		N/A
Power (Input Wattage – W)				
(Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		15.0
(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 @15W4000K	-	250903026-S1
2	Goniophotometer Test	2025-12-09	PIVOTLB @15W4000K	-	250903026-S1
3	THD and PF Test	2025-12-09	PIVOTLB @15W4000K	-	250903026-S1

### Remark (If any):

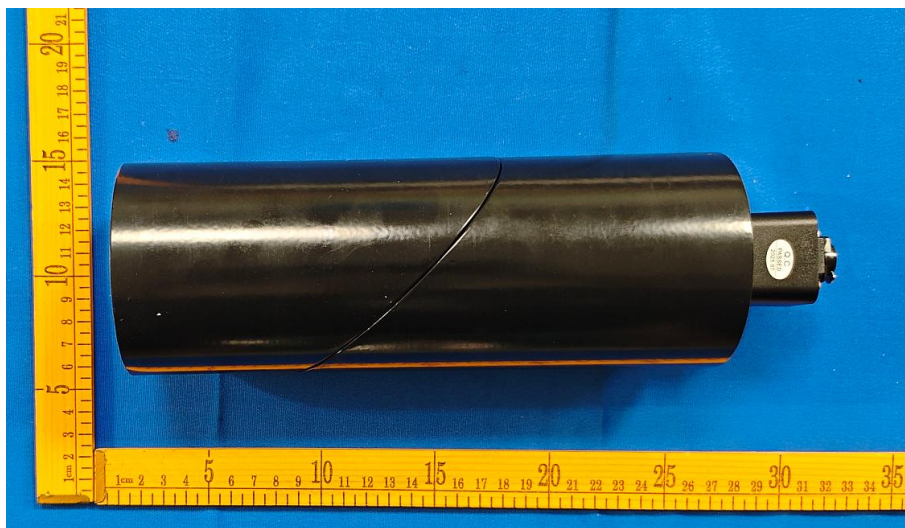
1. The results contained in this report pertain only to the tested samples.
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3. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the U.S. Government.

### 3.0 Product Description

Luminaire Description: Model No. PIVOTLB @15W4000K, 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 @15W4000K	<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

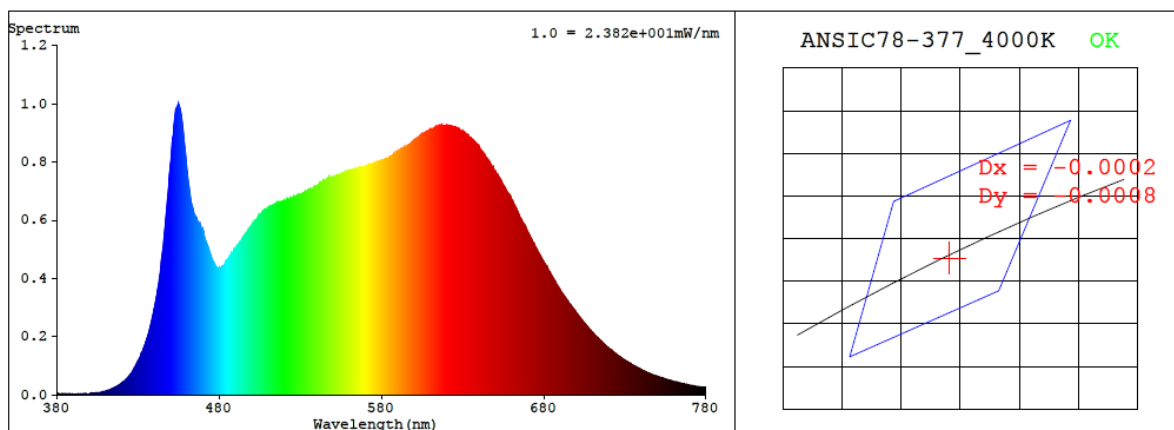
<b>Test Method</b>
<p>The Samples were tested according to the ANSI/IES LM-79:2019.</p> <p>Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at 25±1°C.</p> <p>The sample measurements were 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

<b>Voltage (Vac)</b>	<b>Frequency (Hz)</b>	<b>Current (A)</b>	<b>Power (W)</b>	<b>Power Factor</b>
120.0	60	0.129	15.0	0.966

<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>
3958	96.1	80	-0.0003	1.4	92	98	-3%

## 4.1 Integrating Sphere Test



### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3821$   $y = 0.3771$  /  $u' = 0.2260$   $v' = 0.5020$  ( $duv = -3.12e-04$ )

CCT= 3958K Prcp WL: Ld=579.4nm Purity=27.8%

Peak WL: Lp=455nm FWHM: =28.3nm Ratio:R=20.5% G=74.8% B=4.7%

Render Index: Ra = 96.1 AvgR = 94.4 TM30:Rf=93 Rg=99

EEL: 0.15464 A+

R1 =98 R2 =100 R3 =99 R4 =95 R5 =96 R6 =96 R7 =94

R8 =91 R9 =80 R10=99 R11=97 R12=77 R13=99 R14=100 R15=95

## 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

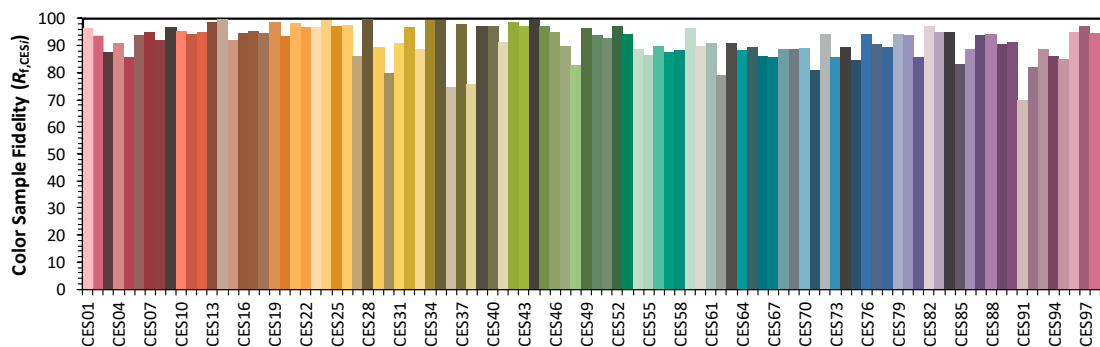
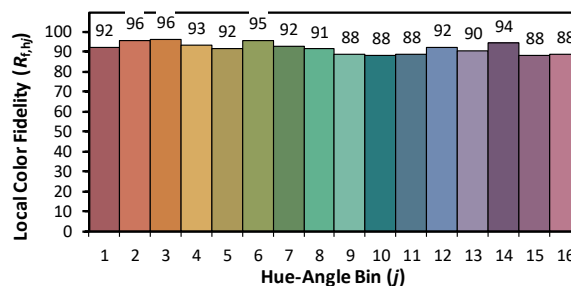
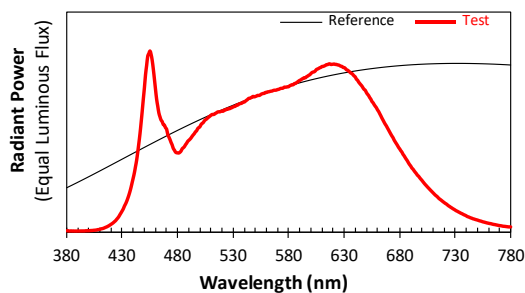
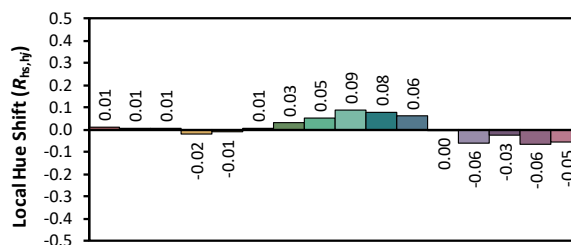
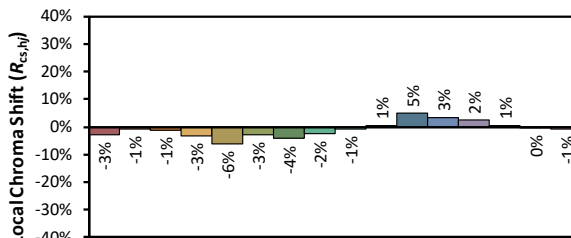
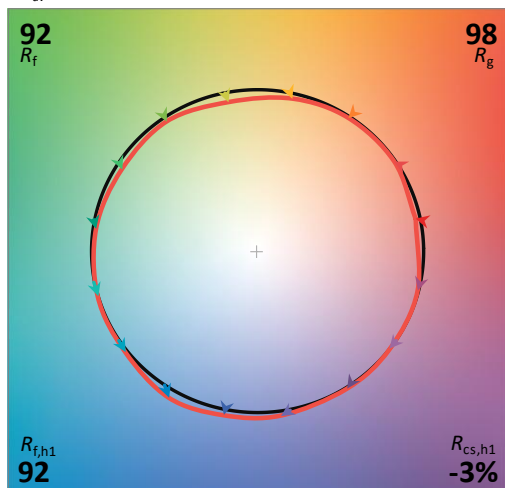
Model: PIVOTLB @15W4000K

Notes: N/A

Other: N/A

CCT: 3958 K  
 $D_{uv}$ : -0.0003

**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	4.10E-03	447	6.01E-01	514	6.53E-01	581	8.06E-01	648	7.85E-01	715	1.85E-01
381	5.10E-03	448	6.64E-01	515	6.57E-01	582	8.09E-01	649	7.81E-01	716	1.80E-01
382	3.40E-03	449	7.32E-01	516	6.61E-01	583	8.12E-01	650	7.68E-01	717	1.76E-01
383	3.50E-03	450	7.95E-01	517	6.62E-01	584	8.11E-01	651	7.59E-01	718	1.71E-01
384	3.90E-03	451	8.67E-01	518	6.62E-01	585	8.18E-01	652	7.52E-01	719	1.66E-01
385	3.30E-03	452	9.18E-01	519	6.64E-01	586	8.18E-01	653	7.40E-01	720	1.61E-01
386	3.60E-03	453	9.70E-01	520	6.66E-01	587	8.23E-01	654	7.32E-01	721	1.56E-01
387	3.00E-03	454	9.83E-01	521	6.65E-01	588	8.27E-01	655	7.19E-01	722	1.53E-01
388	3.20E-03	455	9.98E-01	522	6.72E-01	589	8.32E-01	656	7.12E-01	723	1.48E-01
389	3.00E-03	456	9.79E-01	523	6.72E-01	590	8.36E-01	657	7.02E-01	724	1.43E-01
390	3.50E-03	457	9.46E-01	524	6.76E-01	591	8.38E-01	658	6.93E-01	725	1.39E-01
391	3.30E-03	458	8.98E-01	525	6.76E-01	592	8.43E-01	659	6.84E-01	726	1.34E-01
392	3.40E-03	459	8.43E-01	526	6.80E-01	593	8.46E-01	660	6.73E-01	727	1.31E-01
393	3.60E-03	460	7.86E-01	527	6.79E-01	594	8.51E-01	661	6.64E-01	728	1.26E-01
394	3.60E-03	461	7.31E-01	528	6.84E-01	595	8.49E-01	662	6.52E-01	729	1.23E-01
395	3.70E-03	462	6.93E-01	529	6.85E-01	596	8.55E-01	663	6.40E-01	730	1.19E-01
396	3.60E-03	463	6.56E-01	530	6.89E-01	597	8.59E-01	664	6.27E-01	731	1.15E-01
397	4.60E-03	464	6.35E-01	531	6.91E-01	598	8.63E-01	665	6.16E-01	732	1.12E-01
398	4.70E-03	465	6.16E-01	532	6.93E-01	599	8.67E-01	666	6.04E-01	733	1.09E-01
399	4.90E-03	466	6.08E-01	533	6.99E-01	600	8.73E-01	667	5.93E-01	734	1.06E-01
400	4.80E-03	467	5.92E-01	534	6.99E-01	601	8.79E-01	668	5.84E-01	735	1.02E-01
401	5.60E-03	468	5.88E-01	535	7.04E-01	602	8.81E-01	669	5.72E-01	736	9.94E-02
402	6.20E-03	469	5.74E-01	536	7.07E-01	603	8.83E-01	670	5.61E-01	737	9.61E-02
403	6.30E-03	470	5.66E-01	537	7.08E-01	604	8.88E-01	671	5.50E-01	738	9.29E-02
404	7.20E-03	471	5.38E-01	538	7.11E-01	605	8.96E-01	672	5.39E-01	739	9.03E-02
405	7.70E-03	472	5.23E-01	539	7.15E-01	606	8.98E-01	673	5.28E-01	740	8.71E-02
406	8.30E-03	473	5.09E-01	540	7.16E-01	607	9.01E-01	674	5.19E-01	741	8.31E-02
407	9.20E-03	474	4.93E-01	541	7.21E-01	608	9.05E-01	675	5.06E-01	742	8.13E-02
408	1.09E-02	475	4.79E-01	542	7.26E-01	609	9.07E-01	676	4.96E-01	743	7.85E-02
409	1.15E-02	476	4.60E-01	543	7.30E-01	610	9.12E-01	677	4.86E-01	744	7.58E-02
410	1.32E-02	477	4.50E-01	544	7.36E-01	611	9.12E-01	678	4.76E-01	745	7.39E-02
411	1.52E-02	478	4.39E-01	545	7.37E-01	612	9.15E-01	679	4.65E-01	746	7.11E-02
412	1.65E-02	479	4.36E-01	546	7.40E-01	613	9.18E-01	680	4.57E-01	747	6.95E-02
413	1.82E-02	480	4.35E-01	547	7.43E-01	614	9.22E-01	681	4.47E-01	748	6.74E-02
414	2.09E-02	481	4.34E-01	548	7.47E-01	615	9.22E-01	682	4.39E-01	749	6.56E-02
415	2.37E-02	482	4.39E-01	549	7.44E-01	616	9.26E-01	683	4.27E-01	750	6.40E-02
416	2.61E-02	483	4.45E-01	550	7.47E-01	617	9.27E-01	684	4.19E-01	751	6.18E-02
417	2.93E-02	484	4.57E-01	551	7.49E-01	618	9.23E-01	685	4.09E-01	752	5.97E-02
418	3.27E-02	485	4.63E-01	552	7.52E-01	619	9.24E-01	686	3.99E-01	753	5.83E-02
419	3.66E-02	486	4.69E-01	553	7.52E-01	620	9.25E-01	687	3.90E-01	754	5.62E-02
420	4.07E-02	487	4.80E-01	554	7.54E-01	621	9.26E-01	688	3.79E-01	755	5.41E-02
421	4.48E-02	488	4.88E-01	555	7.58E-01	622	9.23E-01	689	3.70E-01	756	5.26E-02
422	4.95E-02	489	4.98E-01	556	7.61E-01	623	9.24E-01	690	3.62E-01	757	5.10E-02
423	5.51E-02	490	5.04E-01	557	7.63E-01	624	9.21E-01	691	3.51E-01	758	4.92E-02
424	6.05E-02	491	5.10E-01	558	7.64E-01	625	9.20E-01	692	3.45E-01	759	4.76E-02
425	6.80E-02	492	5.18E-01	559	7.69E-01	626	9.17E-01	693	3.36E-01	760	4.63E-02
426	7.52E-02	493	5.27E-01	560	7.68E-01	627	9.14E-01	694	3.28E-01	761	4.48E-02
427	8.36E-02	494	5.35E-01	561	7.72E-01	628	9.12E-01	695	3.21E-01	762	4.41E-02
428	9.44E-02	495	5.42E-01	562	7.72E-01	629	9.07E-01	696	3.12E-01	763	4.23E-02
429	1.04E-01	496	5.52E-01	563	7.74E-01	630	9.06E-01	697	3.06E-01	764	4.07E-02
430	1.15E-01	497	5.57E-01	564	7.76E-01	631	9.02E-01	698	2.98E-01	765	3.94E-02
431	1.26E-01	498	5.69E-01	565	7.77E-01	632	8.94E-01	699	2.90E-01	766	3.86E-02
432	1.41E-01	499	5.75E-01	566	7.79E-01	633	8.92E-01	700	2.83E-01	767	3.70E-02
433	1.53E-01	500	5.79E-01	567	7.81E-01	634	8.87E-01	701	2.75E-01	768	3.58E-02
434	1.67E-01	501	5.91E-01	568	7.81E-01	635	8.82E-01	702	2.68E-01	769	3.43E-02
435	1.84E-01	502	5.98E-01	569	7.82E-01	636	8.76E-01	703	2.60E-01	770	3.33E-02
436	2.02E-01	503	6.02E-01	570	7.85E-01	637	8.73E-01	704	2.54E-01	771	3.25E-02
437	2.22E-01	504	6.12E-01	571	7.86E-01	638	8.66E-01	705	2.47E-01	772	3.14E-02
438	2.46E-01	505	6.18E-01	572	7.89E-01	639	8.60E-01	706	2.40E-01	773	3.00E-02
439	2.72E-01	506	6.22E-01	573	7.91E-01	640	8.54E-01	707	2.34E-01	774	2.94E-02
440	2.98E-01	507	6.28E-01	574	7.92E-01	641	8.42E-01	708	2.27E-01	775	2.88E-02
441	3.26E-01	508	6.33E-01	575	7.93E-01	642	8.37E-01	709	2.21E-01	776	2.78E-02
442	3.61E-01	509	6.38E-01	576	7.98E-01	643	8.26E-01	710	2.15E-01	777	2.71E-02
443	3.95E-01	510	6.43E-01	577	7.98E-01	644	8.18E-01	711	2.09E-01	778	2.62E-02
444	4.40E-01	511	6.47E-01	578	7.99E-01	645	8.11E-01	712	2.02E-01	779	2.61E-02
445	4.89E-01	512	6.47E-01	579	8.00E-01	646	8.04E-01	713	1.97E-01	780	2.61E-02
446	5.40E-01	513	6.49E-01	580	8.01E-01	647	7.94E-01	714	1.92E-01	N/A	N/A



## 4.0 LM-79 Measurement and Test Results

### 4.2 Goniophotometer Test

<b>Model No.</b>	PIVOTLB @15W4000K	<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	0.129	15.0	0.966
<b>NON-WORST CASE</b>	N/A	N/A	N/A	N/A	N/A

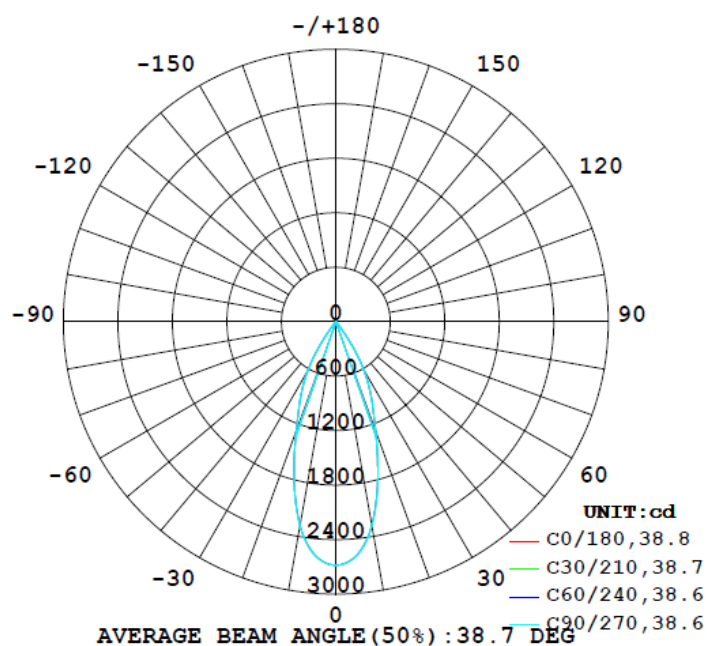
### Test Result

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°)
1354	70.0	70.5	38.8	38.7	90.3	100.0%

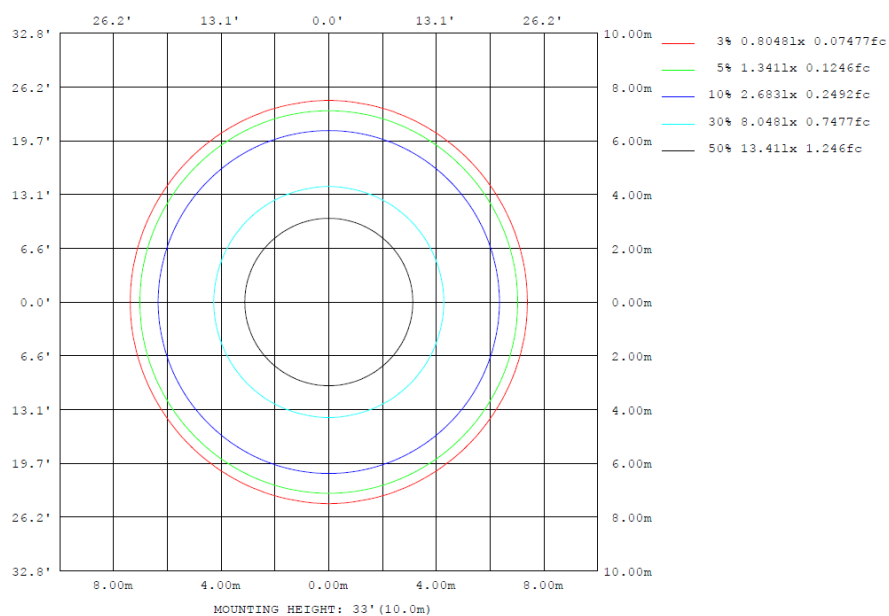
## 4.2 Goniophotometer Test

### 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	2280	2277	2283	2277	2280	2277	2283	2277	0- 10	237.2	237.2	17.5, 17.5
20	1285	1282	1280	1282	1285	1282	1280	1282	10- 20	489.9	727.1	53.7, 53.7
30	617.3	623.0	621.7	623.0	617.3	623.0	621.7	623.0	20- 30	422.8	1150	84.9, 84.9
40	42.79	43.61	46.39	43.61	42.79	43.61	46.39	43.61	30- 40	171.5	1321	97.6, 97.6
50	18.66	18.41	18.19	18.41	18.66	18.41	18.19	18.41	40- 50	19.32	1341	99.99
60	5.147	4.986	4.977	4.986	5.147	4.986	4.977	4.986	50- 60	10.59	1351	99.8, 99.8
70	0.8884	0.8051	0.7921	0.8051	0.8884	0.8051	0.7921	0.8051	60- 70	2.382	1354	100, 100
80	0.0388	0.0398	0.0403	0.0398	0.0388	0.0398	0.0403	0.0398	70- 80	0.1698	1354	100, 100
90	0	0	0	0	0	0	0	0	80- 90	0.0204	1354	100, 100
100	0	0	0	0	0	0	0	0	90-100	0	1354	100, 100
110	0	0	0	0	0	0	0	0	100-110	0	1354	100, 100
120	0	0	0	0	0	0	0	0	110-120	0	1354	100, 100
130	0	0	0	0	0	0	0	0	120-130	0	1354	100, 100
140	0	0	0	0	0	0	0	0	130-140	0	1354	100, 100
150	0	0	0	0	0	0	0	0	140-150	0	1354	100, 100
160	0	0	0	0	0	0	0	0	150-160	0	1354	100, 100
170	0	0	0	0	0	0	0	0	160-170	0	1354	100, 100
180	0	0	0	0	0	0	0	0	170-180	0	1354	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Zonal (lm)		Total (lm)		Percent
0-10	237.21	0-10	237.21	17.52%
10-20	489.87	0-20	727.08	53.70%
20-30	422.85	0-30	1149.93	84.93%
30-40	171.54	0-40	1321.47	97.60%
40-50	19.32	0-50	1340.79	99.03%
50-60	10.59	0-60	1351.38	99.81%
60-70	2.38	0-70	1353.76	99.99%
70-80	0.17	0-80	1353.93	100.00%
80-90	0.02	0-90	1353.95	100.00%
90-100	0.00	0-100	1353.95	100.00%
100-110	0.00	0-110	1353.95	100.00%
110-120	0.00	0-120	1353.95	100.00%
120-130	0.00	0-130	1353.95	100.00%
130-140	0.00	0-140	1353.95	100.00%
140-150	0.00	0-150	1353.95	100.00%
150-160	0.00	0-160	1353.95	100.00%
160-170	0.00	0-170	1353.95	100.00%
170-180	0.00	0-180	1353.95	100.00%

## 4.2 Goniophotometer Test

### Luminous Distribution Intensity Data

Table--1

UNIT: cd

C (DEG) y	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2683	2682	2682	2682	2682	2682	2682	2682	2682	2682	2682	2682	2683	2682	2682	2682	2682	2682	2682
5	2588	2587	2586	2587	2587	2587	2588	2589	2588	2587	2587	2586	2587	2588	2587	2586	2587	2588	2589
10	2280	2279	2278	2277	2279	2282	2283	2282	2279	2277	2278	2279	2280	2279	2278	2277	2279	2282	2283
15	1789	1786	1785	1783	1783	1785	1787	1785	1783	1783	1785	1786	1789	1786	1785	1783	1783	1785	1787
20	1285	1284	1284	1282	1282	1281	1280	1281	1282	1282	1284	1284	1285	1284	1284	1282	1282	1281	1280
25	919	919	923	933	931	927	934	927	931	933	923	919	919	919	923	933	931	927	934
30	617	619	623	623	623	623	622	623	623	623	623	619	617	619	623	623	623	623	622
35	249	251	254	261	268	274	275	274	268	261	254	251	249	251	254	261	268	274	275
40	42.8	42.6	42.8	43.6	44.0	45.2	46.4	45.2	44.0	43.6	42.8	42.6	42.8	42.6	42.8	43.6	44.0	45.2	46.4
45	22.8	22.6	22.6	22.5	22.5	22.6	22.5	22.6	22.5	22.5	22.6	22.6	22.8	22.6	22.6	22.5	22.5	22.6	22.5
50	18.7	18.6	18.5	18.4	18.4	18.3	18.2	18.3	18.4	18.4	18.5	18.6	18.7	18.6	18.5	18.4	18.4	18.3	18.2
55	12.3	12.2	12.1	12.0	12.1	12.1	12.1	12.1	12.1	12.0	12.1	12.2	12.3	12.2	12.1	12.0	12.1	12.1	12.1
60	5.15	5.09	4.97	4.99	4.97	5.03	4.98	5.03	4.97	4.99	4.97	5.09	5.15	5.09	4.97	4.99	4.97	5.03	4.98
65	2.37	2.26	2.21	2.18	2.20	2.20	2.16	2.20	2.20	2.18	2.21	2.26	2.37	2.26	2.21	2.18	2.20	2.20	2.16
70	0.89	0.81	0.79	0.81	0.82	0.82	0.79	0.82	0.82	0.81	0.79	0.81	0.89	0.81	0.79	0.81	0.82	0.82	0.79
75	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08
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	285	300	315	330	345														
0	2682	2682	2682	2682	2682														
5	2588	2587	2587	2586	2587														
10	2282	2279	2277	2278	2279														
15	1785	1783	1783	1785	1786														
20	1281	1282	1282	1284	1284														
25	927	931	933	923	919														
30	623	623	623	623	619														
35	274	268	261	254	251														
40	45.2	44.0	43.6	42.8	42.6														
45	22.6	22.5	22.5	22.6	22.6														
50	18.3	18.4	18.4	18.5	18.6														
55	12.1	12.1	12.0	12.1	12.2														
60	5.03	4.97	4.99	4.97	5.09														
65	2.20	2.20	2.18	2.21	2.26														
70	0.82	0.82	0.81	0.79	0.81														
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

<b>Model No.</b>	PIVOTLB @15W4000K	<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	0.129	15.0	0.966	12.62

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