

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		512
Minimum Luminaire Efficacy (lm/W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Standard	Premium	88.3
		95	110	
Power (Input Wattage) (W) (Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		5.8
Total Harmonic Distortion (A%) (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	20.00%	120V	14.21
Power Factor (THD & PF – Section 4.3)	ANSI C82.77:2002 ANSI C82-77-10:2020	0.9	120V	0.946
Allowable CCTs* (K) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	3045±175	3065
		4 steps	3045±100	
Chromaticity (D _{uv}) (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19	7 steps	0.0001±0.0060	-0.0007
		4 steps	0.0001±0.0033	
Minimum CRI (Integrating Sphere – Section 4.1)	ANSI/IES LM-79 19 CIE13.3-1995	≥80		95.4
Minimum R9 (Integrating Sphere – Section 4.1)	ANSI/IES LM-79-19 CIE13.3-1995	≥0		73
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		0.051
(Goniophotometer – Section 4.2)		Non-Worst Case		N/A
Power (Input Wattage – W)				
(Goniophotometer – Section 4.2)	ANSI/IES LM-79-19	Worst Case		5.8
(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	2025-12-08	PIVOTMB @6W3000K	-	250903027-S1
2	Goniophotometer Test	2025-12-08	PIVOTMB @6W3000K	-	250903027-S1
3	THD and PF Test	2025-12-08	PIVOTMB @6W3000K	-	250903027-S1

Remark (If any):

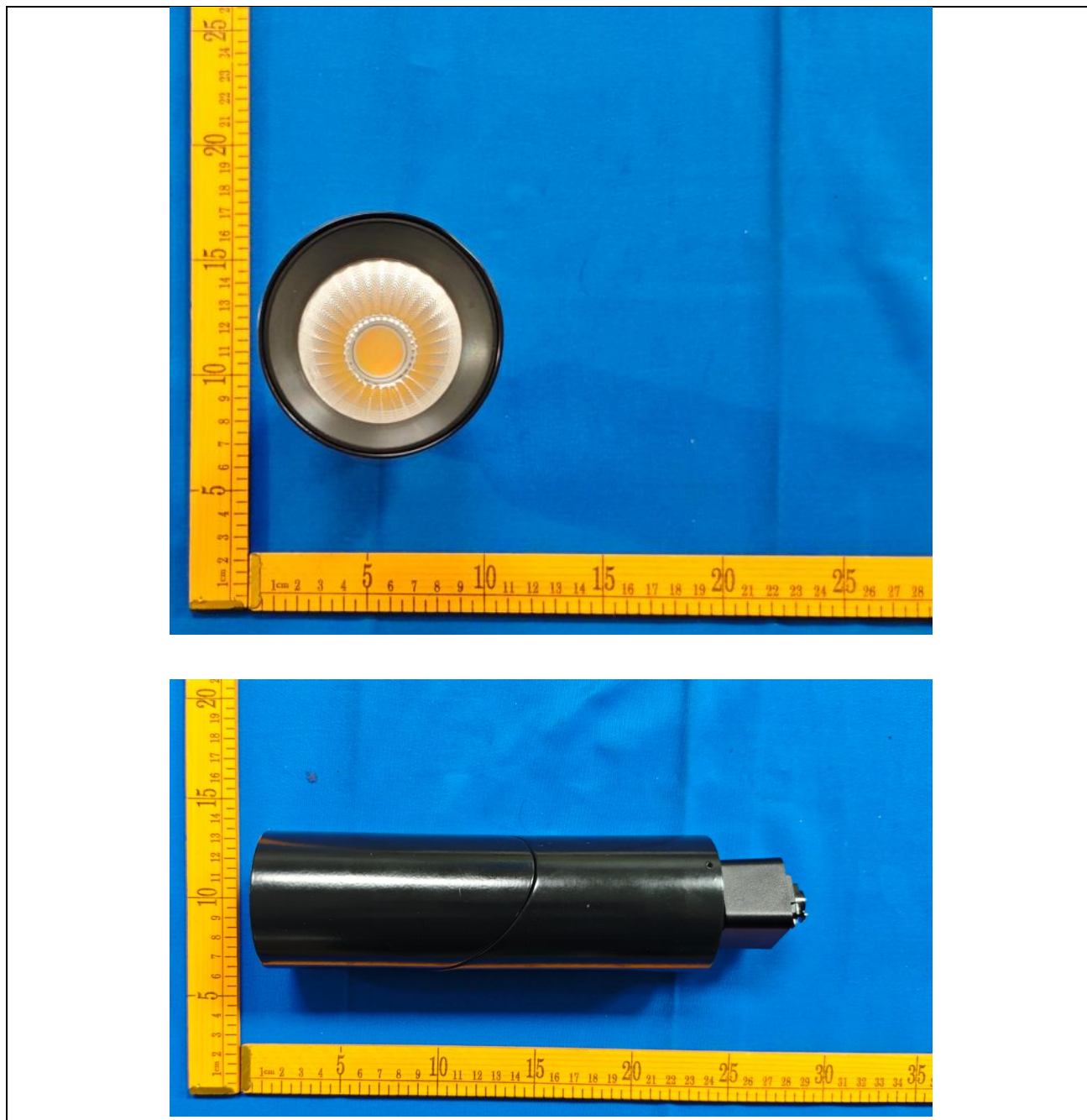
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3.0 Product Description

Luminaire Description: Model No. PIVOTMB @6W3000K, 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.	PIVOTMB @6W3000K	Sample ID	250903027-S1
Operate time (Min.)	10	Stabilization time (Min.)	60
Temperature (°C)	25.4	Humidity (%RH)	41.0

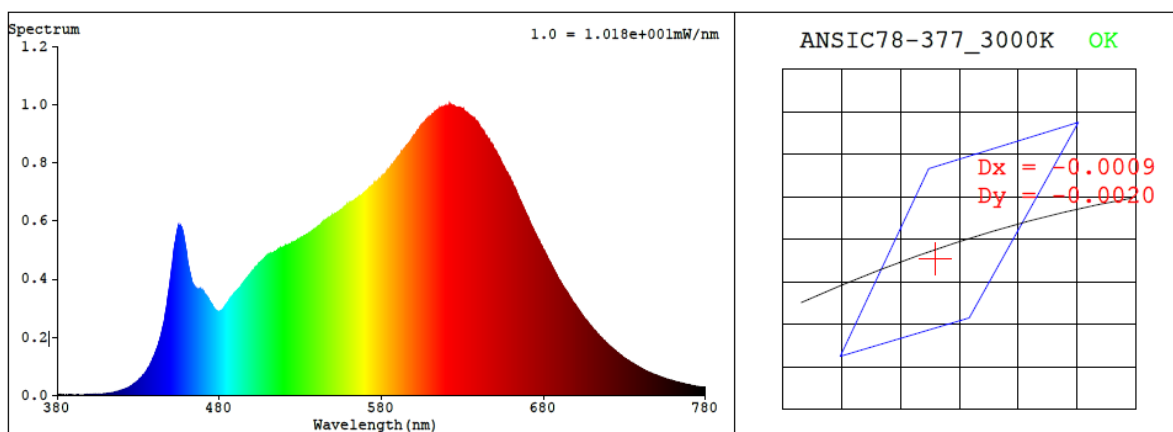
Test Method
<p>The Samples were tested according to the ANSI/IES LM-79:2019.</p> <p>Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at 25±1°C.</p> <p>The sample measurements were made 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	0.051	5.8	0.946

CCT (K)	CRI	R9	Duv	SDCM	Rf	Rg	IES Rcs,h1
3065	95.4	73	-0.0007	1.4	92	98	-3%

4.1 Integrating Sphere Test



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4314$ $y = 0.4005$ / $u' = 0.2486$ $v' = 0.5191$ ($duv = -6.63e-04$)

CCT= 3065K Prcp WL: $L_d = 582.8\text{nm}$ Purity=49.7%

Peak WL: $L_p = 622\text{nm}$ FWHM: $= 162.8\text{nm}$ Ratio: R=24.5% G=72.0% B=3.5%

Render Index: $R_a = 95.4$ AvgR = 94.1 TM30: Rf=93 Rg=99

EEL: 0.13200 A+

R1 =98 R2 =99 R3 =98 R4 =96 R5 =97 R6 =96 R7 =92

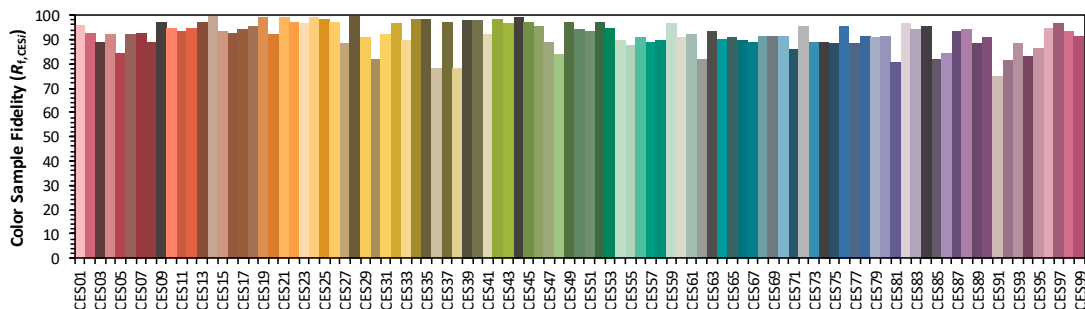
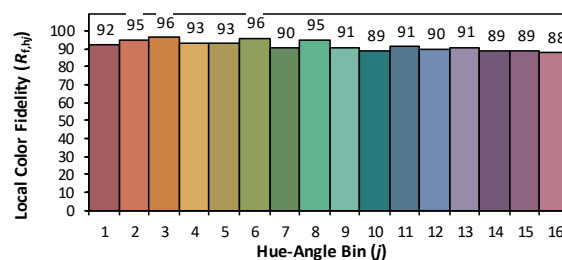
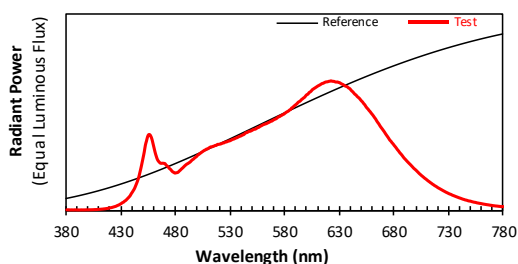
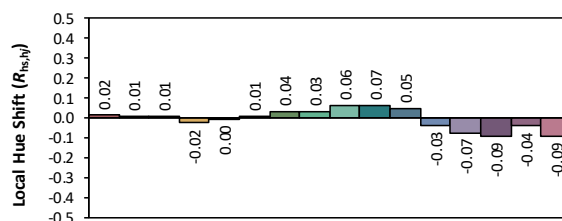
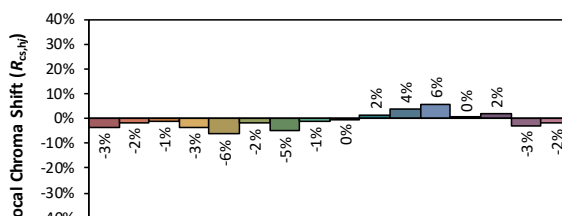
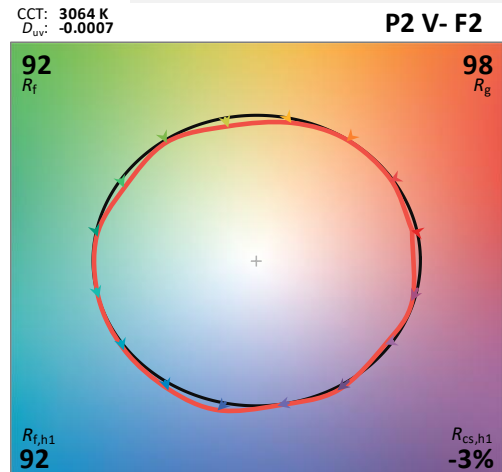
R8 =87 R9 =73 R10=100 R11=99 R12=84 R13=99 R14=99 R15=94

4.1 Integrating Sphere Test

ANSI/IES TM-30-24 Color Rendition Report

Source: BXRV-TR-2750G-20A0-A-2x
Date: 2025/12/10
Notes: N/A
CCT: 3064 K
 D_{uv} : -0.0007

Make: RAB Lighting Inc.
Model: PIVOTMB @6W3000K
Other: N/A



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	2.20E-03	447	2.92E-01	514	4.93E-01	581	7.56E-01	648	8.65E-01	715	2.01E-01
381	2.60E-03	448	3.28E-01	515	4.95E-01	582	7.61E-01	649	8.54E-01	716	1.96E-01
382	2.40E-03	449	3.68E-01	516	5.00E-01	583	7.65E-01	650	8.44E-01	717	1.90E-01
383	1.50E-03	450	4.09E-01	517	5.00E-01	584	7.73E-01	651	8.36E-01	718	1.85E-01
384	2.00E-03	451	4.51E-01	518	5.08E-01	585	7.78E-01	652	8.24E-01	719	1.80E-01
385	2.00E-03	452	5.02E-01	519	5.08E-01	586	7.89E-01	653	8.15E-01	720	1.74E-01
386	1.30E-03	453	5.34E-01	520	5.10E-01	587	7.94E-01	654	8.01E-01	721	1.69E-01
387	2.30E-03	454	5.66E-01	521	5.11E-01	588	8.02E-01	655	7.90E-01	722	1.64E-01
388	2.30E-03	455	5.83E-01	522	5.15E-01	589	8.09E-01	656	7.81E-01	723	1.59E-01
389	1.40E-03	456	5.83E-01	523	5.19E-01	590	8.16E-01	657	7.70E-01	724	1.55E-01
390	1.30E-03	457	5.71E-01	524	5.20E-01	591	8.24E-01	658	7.60E-01	725	1.50E-01
391	1.60E-03	458	5.48E-01	525	5.25E-01	592	8.33E-01	659	7.49E-01	726	1.45E-01
392	1.10E-03	459	5.14E-01	526	5.27E-01	593	8.39E-01	660	7.39E-01	727	1.41E-01
393	2.10E-03	460	4.79E-01	527	5.29E-01	594	8.44E-01	661	7.27E-01	728	1.36E-01
394	1.70E-03	461	4.44E-01	528	5.33E-01	595	8.54E-01	662	7.15E-01	729	1.32E-01
395	1.80E-03	462	4.16E-01	529	5.35E-01	596	8.60E-01	663	7.04E-01	730	1.28E-01
396	1.90E-03	463	3.92E-01	530	5.38E-01	597	8.67E-01	664	6.89E-01	731	1.24E-01
397	2.10E-03	464	3.78E-01	531	5.43E-01	598	8.73E-01	665	6.77E-01	732	1.21E-01
398	2.70E-03	465	3.69E-01	532	5.47E-01	599	8.84E-01	666	6.65E-01	733	1.17E-01
399	2.20E-03	466	3.62E-01	533	5.49E-01	600	8.93E-01	667	6.51E-01	734	1.13E-01
400	2.40E-03	467	3.62E-01	534	5.53E-01	601	8.97E-01	668	6.39E-01	735	1.10E-01
401	2.90E-03	468	3.63E-01	535	5.57E-01	602	9.08E-01	669	6.28E-01	736	1.07E-01
402	2.60E-03	469	3.61E-01	536	5.60E-01	603	9.13E-01	670	6.16E-01	737	1.03E-01
403	3.00E-03	470	3.59E-01	537	5.65E-01	604	9.21E-01	671	6.04E-01	738	1.00E-01
404	3.20E-03	471	3.48E-01	538	5.69E-01	605	9.31E-01	672	5.91E-01	739	9.68E-02
405	3.70E-03	472	3.41E-01	539	5.72E-01	606	9.37E-01	673	5.79E-01	740	9.38E-02
406	4.40E-03	473	3.32E-01	540	5.75E-01	607	9.42E-01	674	5.67E-01	741	9.09E-02
407	4.40E-03	474	3.22E-01	541	5.81E-01	608	9.48E-01	675	5.54E-01	742	8.76E-02
408	4.70E-03	475	3.15E-01	542	5.83E-01	609	9.53E-01	676	5.41E-01	743	8.45E-02
409	5.80E-03	476	3.05E-01	543	5.90E-01	610	9.59E-01	677	5.33E-01	744	8.22E-02
410	6.10E-03	477	2.96E-01	544	5.98E-01	611	9.64E-01	678	5.21E-01	745	7.90E-02
411	6.80E-03	478	2.92E-01	545	5.99E-01	612	9.68E-01	679	5.12E-01	746	7.73E-02
412	7.70E-03	479	2.86E-01	546	6.04E-01	613	9.74E-01	680	5.00E-01	747	7.48E-02
413	8.30E-03	480	2.88E-01	547	6.09E-01	614	9.79E-01	681	4.90E-01	748	7.17E-02
414	9.50E-03	481	2.90E-01	548	6.10E-01	615	9.81E-01	682	4.79E-01	749	7.03E-02
415	1.03E-02	482	2.93E-01	549	6.13E-01	616	9.85E-01	683	4.67E-01	750	6.89E-02
416	1.17E-02	483	3.02E-01	550	6.18E-01	617	9.89E-01	684	4.57E-01	751	6.60E-02
417	1.30E-02	484	3.09E-01	551	6.23E-01	618	9.91E-01	685	4.45E-01	752	6.39E-02
418	1.48E-02	485	3.18E-01	552	6.25E-01	619	9.92E-01	686	4.36E-01	753	6.16E-02
419	1.65E-02	486	3.25E-01	553	6.27E-01	620	9.95E-01	687	4.26E-01	754	6.04E-02
420	1.83E-02	487	3.33E-01	554	6.33E-01	621	9.96E-01	688	4.14E-01	755	5.85E-02
421	1.99E-02	488	3.42E-01	555	6.38E-01	622	9.99E-01	689	4.03E-01	756	5.60E-02
422	2.22E-02	489	3.49E-01	556	6.40E-01	623	9.96E-01	690	3.94E-01	757	5.46E-02
423	2.48E-02	490	3.56E-01	557	6.47E-01	624	9.95E-01	691	3.85E-01	758	5.28E-02
424	2.73E-02	491	3.60E-01	558	6.51E-01	625	9.94E-01	692	3.76E-01	759	5.15E-02
425	2.99E-02	492	3.66E-01	559	6.56E-01	626	9.91E-01	693	3.67E-01	760	4.98E-02
426	3.42E-02	493	3.72E-01	560	6.60E-01	627	9.90E-01	694	3.59E-01	761	4.81E-02
427	3.77E-02	494	3.81E-01	561	6.63E-01	628	9.90E-01	695	3.50E-01	762	4.65E-02
428	4.15E-02	495	3.89E-01	562	6.66E-01	629	9.87E-01	696	3.41E-01	763	4.51E-02
429	4.66E-02	496	3.94E-01	563	6.69E-01	630	9.85E-01	697	3.32E-01	764	4.36E-02
430	5.16E-02	497	4.03E-01	564	6.74E-01	631	9.79E-01	698	3.23E-01	765	4.22E-02
431	5.79E-02	498	4.09E-01	565	6.77E-01	632	9.74E-01	699	3.16E-01	766	4.11E-02
432	6.17E-02	499	4.15E-01	566	6.82E-01	633	9.71E-01	700	3.08E-01	767	3.97E-02
433	6.97E-02	500	4.26E-01	567	6.86E-01	634	9.65E-01	701	3.00E-01	768	3.81E-02
434	7.49E-02	501	4.31E-01	568	6.89E-01	635	9.60E-01	702	2.91E-01	769	3.70E-02
435	8.35E-02	502	4.38E-01	569	6.95E-01	636	9.56E-01	703	2.83E-01	770	3.56E-02
436	9.20E-02	503	4.44E-01	570	7.00E-01	637	9.53E-01	704	2.75E-01	771	3.43E-02
437	1.01E-01	504	4.50E-01	571	7.03E-01	638	9.45E-01	705	2.67E-01	772	3.33E-02
438	1.11E-01	505	4.56E-01	572	7.07E-01	639	9.41E-01	706	2.61E-01	773	3.21E-02
439	1.26E-01	506	4.62E-01	573	7.15E-01	640	9.32E-01	707	2.54E-01	774	3.15E-02
440	1.39E-01	507	4.65E-01	574	7.20E-01	641	9.22E-01	708	2.46E-01	775	3.05E-02
441	1.52E-01	508	4.72E-01	575	7.23E-01	642	9.15E-01	709	2.40E-01	776	2.94E-02
442	1.67E-01	509	4.73E-01	576	7.29E-01	643	9.05E-01	710	2.33E-01	777	2.86E-02
443	1.87E-01	510	4.79E-01	577	7.33E-01	644	8.95E-01	711	2.26E-01	778	2.75E-02
444	2.08E-01	511	4.84E-01	578	7.39E-01	645	8.90E-01	712	2.21E-01	779	2.75E-02
445	2.30E-01	512	4.89E-01	579	7.42E-01	646	8.79E-01	713	2.14E-01	780	2.75E-02
446	2.57E-01	513	4.89E-01	580	7.49E-01	647	8.72E-01	714	2.08E-01	N/A	N/A

4.0 LM-79 Measurement and Test Results

4.2 Goniophotometer Test

Model No.	PIVOTMB @6W3000K	Sample ID	250903027-S1
Operate time (Min.)	30	Stabilization time (Min.)	60
Temperature (°C)	25.0	Humidity (%RH)	42.1

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	0.051	5.8	0.946
NON-WORST CASE	N/A	N/A	N/A	N/A	N/A

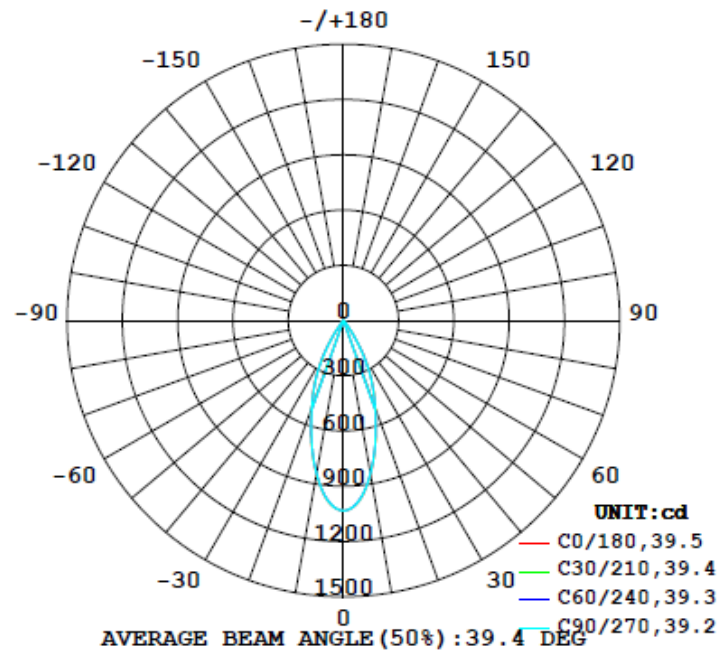
Test Result

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°)
512	69.3	68.6	39.5	39.2	88.3	100.0%

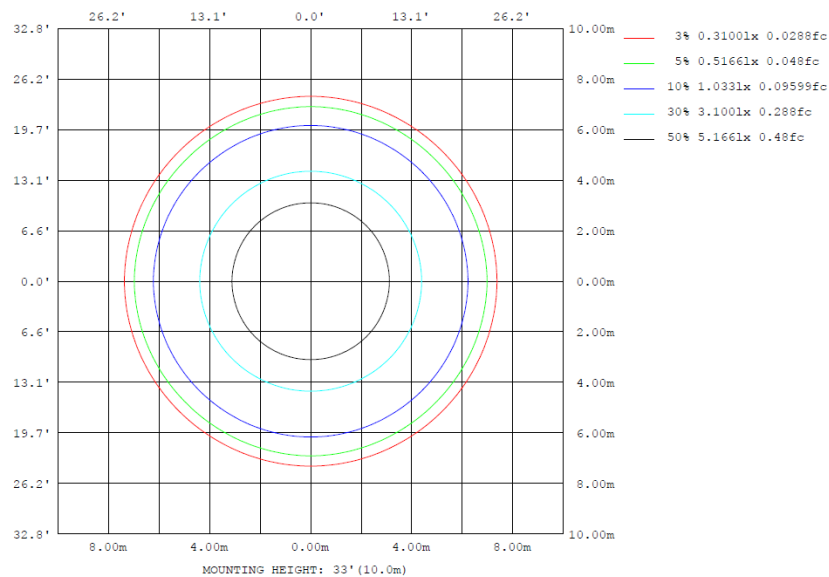
4.2 Goniophotometer Test

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	848.9	844.1	845.0	844.1	848.9	844.1	845.0	844.1	0- 10	89.20	89.20	17.4,17.4
20	509.0	507.2	504.2	507.2	509.0	507.2	504.2	507.2	10- 20	185.8	275.0	53.7,53.7
30	223.1	217.4	213.5	217.4	223.1	217.4	213.5	217.4	20- 30	163.8	438.9	85.7,85.7
40	21.60	21.30	21.06	21.30	21.60	21.30	21.06	21.30	30- 40	57.49	496.4	96.9,96.9
50	8.136	8.348	8.139	8.348	8.136	8.348	8.139	8.348	40- 50	9.136	505.5	98.7,98.7
60	3.026	3.010	2.887	3.010	3.026	3.010	2.887	3.010	50- 60	4.930	510.4	99.7,99.7
70	0.4147	0.4176	0.4287	0.4176	0.4147	0.4176	0.4287	0.4176	60- 70	1.479	511.9	100,100
80	0.0299	0.0264	0.0231	0.0264	0.0299	0.0264	0.0231	0.0264	70- 80	0.0906	512.0	100,100
90	0	0	0	0	0	0	0	0	80- 90	0.0112	512.0	100,100
100	0	0	0	0	0	0	0	0	90-100	0	512.0	100,100
110	0	0	0	0	0	0	0	0	100-110	0	512.0	100,100
120	0	0	0	0	0	0	0	0	110-120	0	512.0	100,100
130	0	0	0	0	0	0	0	0	120-130	0	512.0	100,100
140	0	0	0	0	0	0	0	0	130-140	0	512.0	100,100
150	0	0	0	0	0	0	0	0	140-150	0	512.0	100,100
160	0	0	0	0	0	0	0	0	150-160	0	512.0	100,100
170	0	0	0	0	0	0	0	0	160-170	0	512.0	100,100
180	0	0	0	0	0	0	0	0	170-180	0	512.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

	Zonal (lm)		Total (lm)	Percent
0-10	89.20	0-10	89.20	17.42%
10-20	185.84	0-20	275.04	53.72%
20-30	163.83	0-30	438.87	85.72%
30-40	57.49	0-40	496.36	96.94%
40-50	9.14	0-50	505.50	98.73%
50-60	4.93	0-60	510.43	99.69%
60-70	1.48	0-70	511.91	99.98%
70-80	0.09	0-80	512.00	100.00%
80-90	0.01	0-90	512.01	100.00%
90-100	0.00	0-100	512.01	100.00%
100-110	0.00	0-110	512.01	100.00%
110-120	0.00	0-120	512.01	100.00%
120-130	0.00	0-130	512.01	100.00%
130-140	0.00	0-140	512.01	100.00%
140-150	0.00	0-150	512.01	100.00%
150-160	0.00	0-160	512.01	100.00%
160-170	0.00	0-170	512.01	100.00%
170-180	0.00	0-180	512.01	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	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033	1033
5	983	982	981	980	979	980	980	980	979	980	981	982	983	982	981	980	979	980	980
10	849	847	845	844	844	844	845	844	844	844	845	847	849	847	845	844	844	844	845
15	675	675	674	673	672	673	672	673	672	673	674	675	675	675	674	673	672	673	672
20	509	508	508	507	506	505	504	505	506	507	508	508	509	508	508	507	506	505	504
25	369	367	365	363	362	361	360	361	362	363	365	367	369	367	365	363	362	361	360
30	223	221	219	217	217	215	213	215	217	217	219	221	223	221	219	217	217	215	213
35	92.0	89.2	86.3	83.6	83.2	84.0	85.2	84.0	83.2	83.6	86.3	89.2	92.0	89.2	86.3	83.6	83.2	84.0	85.2
40	21.6	21.6	21.4	21.3	21.2	21.1	21.1	21.1	21.2	21.3	21.4	21.6	21.6	21.6	21.4	21.3	21.2	21.1	21.1
45	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.9	11.0	11.0	11.0	10.9	10.9	10.9	11.0	11.0	11.0	10.9	10.9
50	8.14	8.23	8.34	8.35	8.27	8.19	8.14	8.19	8.27	8.35	8.34	8.23	8.14	8.23	8.34	8.35	8.27	8.19	8.14
55	5.51	5.58	5.61	5.59	5.49	5.38	5.37	5.38	5.49	5.59	5.61	5.58	5.51	5.58	5.61	5.59	5.49	5.38	5.37
60	3.03	3.05	3.05	3.01	2.97	2.92	2.89	2.92	2.97	3.01	3.05	3.05	3.03	3.05	3.05	3.01	2.97	2.92	2.89
65	1.41	1.43	1.43	1.41	1.39	1.40	1.37	1.40	1.39	1.41	1.43	1.43	1.41	1.43	1.43	1.41	1.39	1.40	1.37
70	0.41	0.42	0.42	0.42	0.40	0.40	0.43	0.40	0.40	0.42	0.42	0.42	0.41	0.42	0.42	0.42	0.40	0.40	0.43
75	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04
80	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
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	1033	1033	1033	1033	1033														
5	980	979	980	981	982														
10	844	844	844	845	847														
15	673	672	673	674	675														
20	505	506	507	508	508														
25	361	362	363	365	367														
30	215	217	217	219	221														
35	84.0	83.2	83.6	86.3	89.2														
40	21.1	21.2	21.3	21.4	21.6														
45	10.9	11.0	11.0	11.0	10.9														
50	8.19	8.27	8.35	8.34	8.23														
55	5.38	5.49	5.59	5.61	5.58														
60	2.92	2.97	3.01	3.05	3.05														
65	1.40	1.39	1.41	1.43	1.43														
70	0.40	0.40	0.42	0.42	0.42														
75	0.04	0.05	0.05	0.05	0.05														
80	0.02	0.02	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

Model No.	PIVOTMB @6W3000K	Sample ID	250903027-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	0.051	5.8	0.946	14.21

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*****