

Photometric Test Report

Relevant Standards

- ☒ IES LM-79-2008
- ☒ ANSI C82.77:2017

Prepared For

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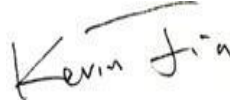
2022/7/30

Prepared By



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Approved By



Kevin Jia

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1.0 Test Summary

DLC Technical Requirements v5.1

Outdoor - Pole/Arm-Mounted Area and Roadway Luminaires				
Requirement Category	Test Method	Requirements		Test value
Luminaire Output (lm) (Goniophotometer - Section 4.2)	IES LM-79-2008	1000		5812
Minimum Luminaire Efficacy (lm/W) (Goniophotometer - Section 4.2)	IES LM-79-2008	Standard 105	Premium 120	144.2
Power (Input Wattage) (W) (Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		40.3
Total Harmonic Distortion (A%) (THD & PF - section 4.3)	ANSI C82.77:2014	20.00%	120V	5.49%
		20.00%	277V	10.91%
Power Factor (THD & PF - section 4.3)	ANSI C82.77:2014	0.9	120V	0.995
		0.9	277V	0.878
Allowable CCTs* (K) (Integrating Sphere - Section 4.1)	IES LM-79-2008	7 step	5029±355	4794
		4 step	5029±220	
Minimum CRI (Integrating Sphere - Section 4.1)	IES LM-79-2008 CIE 13.3-1995	≥70		82
Minimum R9 (Integrating Sphere - Section 4.1)	IES LM-79-2008 CIE 13.3-1995	≥-40		0
Minimum Rf (Integrating Sphere - Section 4.1)	ANSI/IES TM-30-18	≥70		83
Minimum Rg (Integrating Sphere - Section 4.1)	ANSI/IES TM-30-18	≥89		94
Minimum IES Rcs,h1 (Integrating Sphere - Section 4.1)	ANSI/IES TM-30-18	-18%≤IES Rcs,h1≤+23%		-13%
Zonal Lumen Requirement (0°-90°) (Goniophotometer - Section 4.2)	IES LM-79-2008	100%		100.00%
Zonal Lumen Requirement (80°-90°) (Goniophotometer - Section 4.2)	IES LM-79-2008	≤10%		0.23%
Input Voltage (V)				
(Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		120
(Goniophotometer - Section 4.2)		Non-Worst Case		277
Input Current (A)				
(Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		0.338
(Goniophotometer - Section 4.2)		Non-Worst Case		0.164
Power (Input Wattage - W)				
(Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		40.3
(Goniophotometer - Section 4.2)		Non-Worst Case		39.9

2.0 Test List

Test Item	Test	Test Date	Model Number	Sample No.
1	Integrating Sphere Test	2022/7/29	ALEDS2T	C1
2	Goniophotometer Test	2022/7/29	ALEDS2T	C1
3	THD and PF Test	2022/7/29	ALEDS2T	C1

Remark(If any)

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- 2、 The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products. This report does not imply that the product(s) has met the criteria for certification.

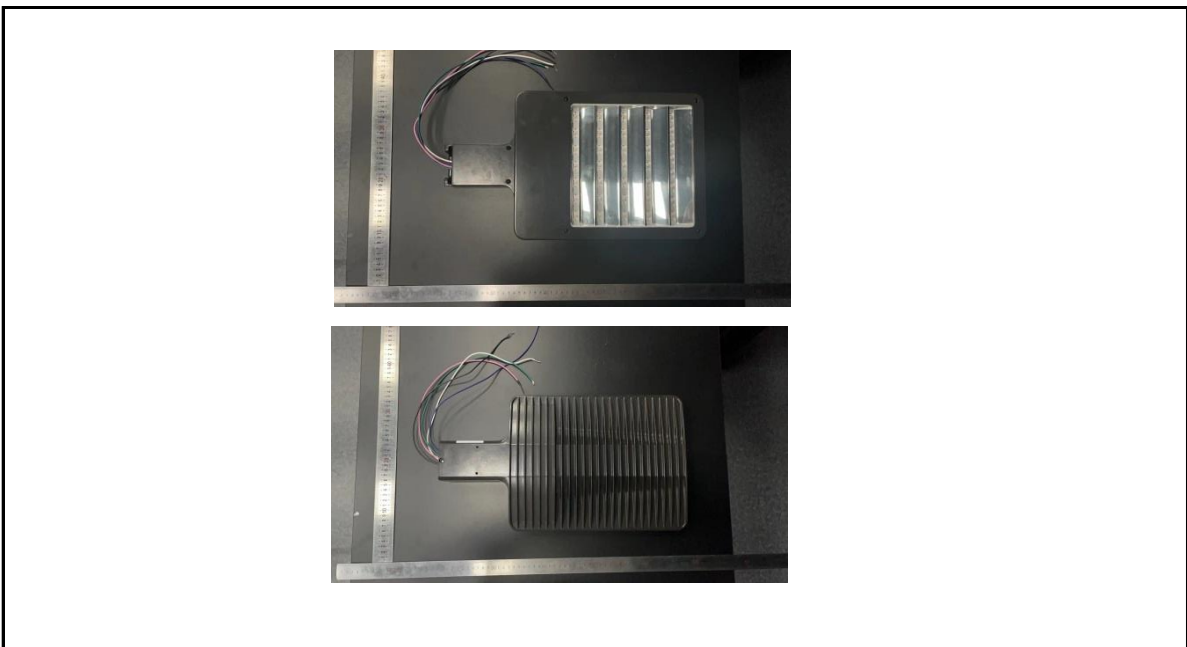
3.0 Production Description

Luminaire Description: ALEDS2T

Description: 40W @ 5000K

Electrical Specification: 120V-277V,50/60HZ

Photos of Luminaire Characteristics



4.0 LM-79 Measurement and Test Results

4.1 Integrating Sphere Test

Model No.	ALEDS2T	Sample ID.	C1
Operate time (Min.)	90	Stabilization time (Min.)	45
Temperature (°C)	25.3	Humidity (%RH)	56.0

Test Method

The samples were tested according to the IES LM-79-2008.

Photometric parameters were measured using an integrating sphere, a spectroradiometer and software. The ambient temperature condition inside the sphere was maintained at $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$.

The sample measurements were made using a spectroradiometer connected by a fiber optic cable and detector through the detector port of the integrating sphere.

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.

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 780 nm.

Test Result

Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor
120.00	60	0.338	40.3	0.995
277.00	60	0.164	39.9	0.878

Test Result

CCT (K)	CRI	R9	Duv
4794	82	0	0.0043

Rf	Rg	IES Rcs,h1
83	94	-13%

4.0 LM-79 Measurement and Test Results

4.2 Goniophotometer Test

Model No.	ALEDS2T	Sample ID.	C1
Operate time (Min.)	90	Stabilization time (Min.)	45
Temperature (°C)	25.3	Humidity (%RH)	54.0

Test Method

The samples were tested according to the IES LM-79-2008.

Photometric parameters were measured using a type C goniophotometer and software.

The ambient temperature shall be maintained at $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$, measured at a point not more than 1 m from the sample and at the same height as the sample.

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.

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 0.5° vertical intervals and 10° horizontal intervals.

Test Conditions

Condition	Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor
WORST CASE	120.00	60	0.338	40.3	0.995
NON-WROST CASE	277.00	60	0.164	39.9	0.878

Test Result

Flux (lm)	Field Angle(10%)		Beam Angle(50%)		Luminous Efficacy (lm/W)
	C0-180	C90-270	C0-180	C90-270	
5812	90.8	158.8	54.8	143.9	144.2

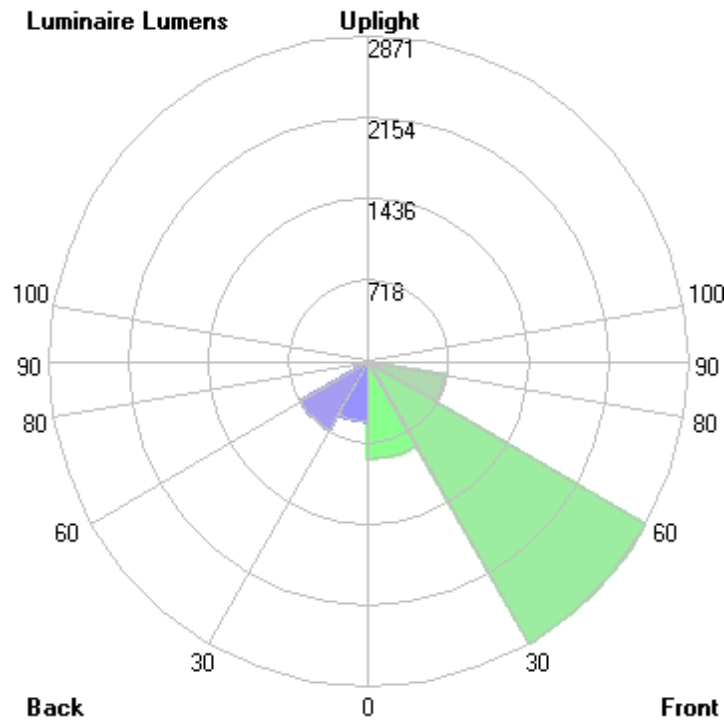
Zonal Lumen Requirement (0° - 90°)	Zonal Lumen Requirement (80° - 90°)	BUG rating
100.00%	0.23%	B2-U0-G1

4.2 Goniophotometer Test

	Zonal (lm)		Total (lm)	Percent
0-10	148.81	0 - 10	148.81	2.56%
10-20	472.98	0 - 20	621.79	10.70%
20-30	773.88	0 - 30	1395.67	24.01%
30-40	1088.28	0 - 40	2483.95	42.74%
40-50	1330.89	0 - 50	3814.84	65.63%
50-60	1151.08	0 - 60	4965.92	85.44%
60-70	650.53	0 - 70	5616.45	96.63%
70-80	182.21	0 - 80	5798.66	99.77%
80-90	13.60	0 - 90	5812.26	100.00%
90-100	0.00	0 - 100	5812.26	100.00%
100-110	0.00	0 - 110	5812.26	100.00%
110-120	0.00	0 - 120	5812.26	100.00%
120-130	0.00	0 - 130	5812.26	100.00%
130-140	0.00	0 - 140	5812.26	100.00%
140-150	0.00	0 - 150	5812.26	100.00%
150-160	0.00	0 - 160	5812.26	100.00%
160-170	0.00	0 - 170	5812.26	100.00%
170-180	0.00	0 - 180	5812.26	100.00%

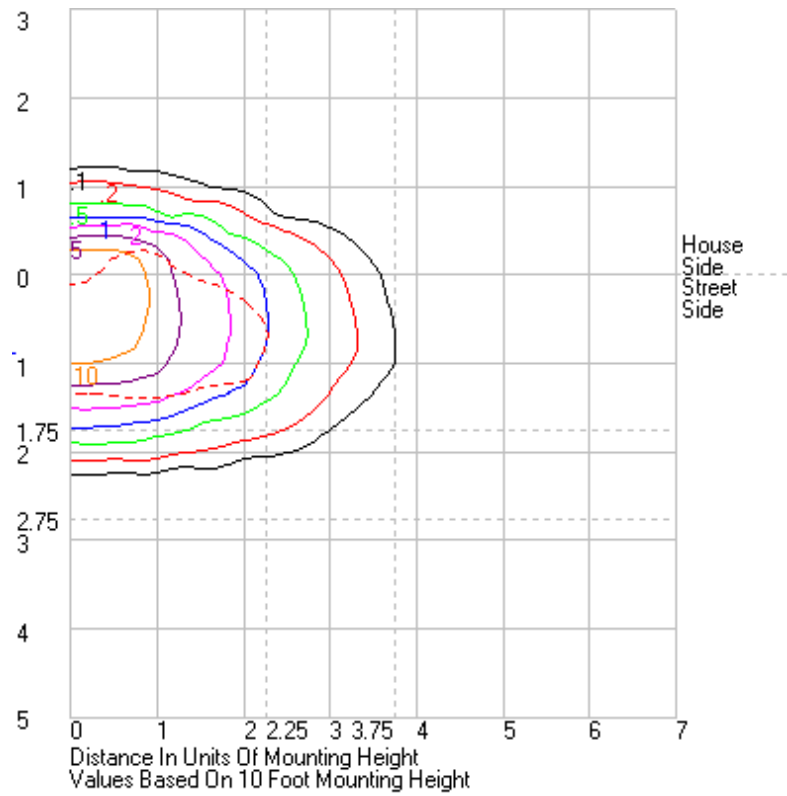
4.2 Goniophotometer Test

LCS/BUG



	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	859.4	N.A.	14.8
FM - Front-Medium (30-60)	2871.3	N.A.	49.4
FH - Front-High (60-80)	704.7	N.A.	12.1
FVH - Front-Very High (80-90)	10.8	N.A.	0.2
BL - Back-Low (0-30)	536.3	N.A.	9.2
BM - Back-Medium (30-60)	698.9	N.A.	12.0
BH - Back-High (60-80)	128.0	N.A.	2.2
BVH - Back-Very High (80-90)	2.8	N.A.	0.0
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	5812.2	N.A.	100.0
BUG Rating	B2-U0-G1		

Isolines



4.2 Goniophotometer Test

	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4	1507.4
1	1557.34	1557.92	1553.08	1544.53	1535.4	1523.58	1510.75	1496.92	1485.67	1475.79	1468.69	1464.98	1462.58	1464.98	1468.69	1475.79	1485.67	1496.92	1510.75	1523.58	1535.4	1544.53	1553.08	1557.92	1557.34
2	1610.48	1607.52	1598.22	1582.77	1563.6	1537.99	1512.23	1486.87	1466.19	1450.56	1438.3	1432.71	1429.15	1432.71	1438.3	1450.56	1466.19	1486.87	1512.23	1537.99	1563.6	1582.77	1598.22	1607.52	1610.48
3	1657.26	1652.92	1641.28	1619.94	1590.91	1553.99	1514.38	1477.71	1450.02	1428.65	1412.35	1402.35	1401.63	1402.35	1412.35	1428.65	1450.02	1477.71	1514.38	1553.99	1590.91	1619.94	1641.28	1652.92	1657.26
4	1696.41	1693.24	1680.18	1655.17	1618.96	1571.86	1518.81	1472.39	1437.38	1409.21	1392.42	1381.22	1377.69	1381.22	1392.42	1409.21	1437.38	1472.39	1518.81	1571.86	1618.96	1655.17	1680.18	1693.24	1696.41
5	1733.65	1727.72	1713.22	1688.34	1646.87	1590.98	1524.1	1467.44	1425.53	1395.61	1372.28	1358.55	1354.96	1358.55	1372.28	1395.61	1425.53	1467.44	1524.1	1590.98	1646.87	1688.34	1713.22	1727.72	1733.65
6	1767.71	1763.39	1746.85	1716.54	1674.14	1609.6	1530.54	1465.52	1416.42	1381.64	1356.46	1346.99	1346.95	1346.99	1356.46	1381.64	1416.42	1465.52	1530.54	1609.6	1674.14	1716.54	1746.85	1763.39	1767.71
7	1803.3	1797.77	1778.06	1746.65	1701.2	1629.28	1538.18	1463.52	1410.3	1368.92	1351.42	1346.12	1345.61	1346.12	1351.42	1368.92	1410.3	1463.52	1538.18	1629.28	1701.2	1746.65	1778.06	1797.77	1803.3
8	1835.31	1829.5	1810.71	1776.01	1725.99	1651	1548.43	1464.39	1404.99	1364.07	1352.54	1344.72	1344.59	1344.72	1352.54	1364.07	1404.99	1464.39	1548.43	1651	1725.99	1776.01	1810.71	1829.5	1835.31
9	1868.51	1862.88	1840.77	1807.11	1753.48	1673.13	1558.99	1465.76	1399.53	1366.03	1352.99	1345.27	1343.39	1345.27	1352.99	1366.03	1399.53	1465.76	1558.99	1673.13	1753.48	1807.11	1840.77	1862.88	1868.51
10	1901.59	1893.96	1873.22	1836.59	1781.06	1699.33	1572.88	1470.25	1397.79	1369.86	1354.41	1343.96	1341.49	1343.96	1354.41	1369.86	1397.79	1470.25	1572.88	1699.33	1781.06	1836.59	1873.22	1893.96	1901.59
11	1928.2	1921.68	1903.13	1866.76	1809.44	1726.62	1590.44	1477.94	1401.75	1373.71	1354.85	1342.83	1340.61	1342.83	1354.85	1373.71	1401.75	1477.94	1590.44	1726.62	1809.44	1866.76	1903.13	1921.68	1928.2
12	1950.63	1947.03	1932.79	1899.07	1841.8	1754.29	1608.84	1488.1	1409.86	1378	1354.67	1341.32	1339.14	1341.32	1354.67	1378	1409.86	1488.1	1608.84	1754.29	1841.8	1899.07	1932.79	1947.03	1950.63
13	1966.3	1964.08	1957.35	1928.65	1872.78	1784.63	1629.01	1501.44	1421.52	1382.28	1355.63	1338.95	1334.24	1338.95	1355.63	1382.28	1421.52	1501.44	1629.01	1784.63	1872.78	1928.65	1957.35	1964.08	1966.3
14	1978.03	1979.57	1976.25	1959.53	1905.75	1816.77	1652.11	1516.88	1436.12	1387.85	1354.22	1329.6	1317.96	1329.6	1354.22	1387.85	1436.12	1516.88	1652.11	1816.77	1905.75	1959.53	1976.25	1979.57	1978.03
15	1982.41	1987.9	1992.95	1988.7	1939.87	1850.15	1676.98	1533.56	1449	1392.83	1351.75	1306.15	1285.94	1306.15	1351.75	1392.83	1449	1533.56	1676.98	1850.15	1939.87	1988.7	1992.95	1987.9	1982.41
16	1980.11	1988.93	2008.15	2016.24	1977.16	1883.36	1702.17	1550.14	1465.64	1399.06	1337.61	1269.32	1238.01	1269.32	1337.61	1399.06	1465.64	1550.14	1702.17	1883.36	1977.16	2016.24	2008.15	1988.93	1980.11
17	1977.79	1987.76	2016.59	2040.03	2013.49	1917.6	1729.36	1569.08	1481.82	1405.2	1313.18	1217.38	1176.41	1217.38	1313.18	1405.2	1481.82	1569.08	1729.36	1917.6	2013.49	2040.03	2016.59	1987.76	1977.79
18	1980.97	1986.25	2018.1	2063.92	2051.43	1953	1756.62	1589.64	1498.88	1408.59	1278.11	1147.74	1092.45	1147.74	1278.11	1408.59	1498.88	1589.64	1756.62	1953	2051.43	2063.92	2018.1	1986.25	1980.97
19	1990.36	1991.7	2021.05	2086.54	2089.89	1986.39	1783.12	1610.79	1516.96	1406.46	1229.39	1062.2	998.943	1062.2	1229.39	1406.46	1516.96	1610.79	1783.12	1986.39	2089.89	2086.54	2021.05	1991.7	1990.36
20	2014.04	2006.68	2022.54	2104.23	2125.69	2022.66	1811.3	1633.37	1537.2	1397.32	1164.85	967.195	895.825	967.195	1164.85	967.195	1062.2	1229.39	1406.46	1516.96	1610.79	1783.12	1986.39	2089.89	2086.54
21	2037.58	2032.74	2031.41	2118.35	2162.07	2056.95	1839.73	1657.2	1557.41	1382.13	1088.83	866.522	795.476	866.522	1088.83	1382.13	1557.41	1657.2	1839.73	2056.95	2162.07	2118.35	2031.41	2032.74	2037.58
22	2057.36	2055.28	2050.17	2130.81	2197.74	2091.18	1866.69	1680.53	1576.49	1357.86	1006.63	772.641	700.553	772.641	1006.63	1357.86	1576.49	1680.53	1866.69	2091.18	2197.74	2130.81	2050.17	2055.28	2057.36
23	2078.28	2077.44	2076.97	2144.92	2229.57	2127.43	1896.93	1707.38	1595.84	1323.13	917.122	677.324	605.64	677.324	917.122	1323.13	1595.84	1707.38	1896.93	2127.43	2229.57	2144.92	2076.97	2077.44	2078.28
24	2097.92	2095.64	2103.58	2158.88	2262.6	2162.32	1925.98	1731.45	1612.54	1279.71	830.089	586.734	516.003	586.734	830.089	1279.71	1612.54	1731.45	1925.98	2162.32	2262.6	2158.88	2103.58	2095.64	2097.92
25	2117.2	2117.98	2131.82	2173.73	2293.44	2203.09	1957.72	1760.76	1625.02	1228.73	746.111	500.6	432.031	500.6	746.111	1228.73	1625.02	1760.76	1957.72	2203.09	2293.44	2173.73	2131.82	2117.98	2117.2
26	2131.02	2135.52	2155.25	2201.09	2326.97	2243.38	1991.15	1790.52	1633.12	1170.92	663.428	420.153	358.026	420.153	663.428	1170.92	1633.12	1790.52	1991.15	2243.38	2326.97	2201.09	2155.25	2135.52	2131.02
27	2157.33	2154.25	2182.84	2231.32	2354.77	2284.07	2023.45	1820.69	1638.17	1108.64	583.124	351.754	299.892	351.754	583.124	1108.64	1638.17	1820.69	2023.45	2284.07	2354.77	2231.32	2182.84	2154.25	2157.33
28	2198.13	2183.39	2209.47	2268.2	2380.49	2324.52	2057.67	1852.48	1635.64	1038.72	504.306	301.712	256.165	301.712	504.306	1038.72	1635.64	1852.48	2057.67	2324.52	2380.49	2268.2	2209.47	2183.39	2198.13
29	2248.45	2226.48	2232.8	2306.31	2406.18	2366.21	2091.39	1882.56	1628.5	969.793	431.999	258.582	223.895	258.582	431.999	969.793	1628.5	1882.56	2091.39	2366.21	2406.18	2306.31	2232.8	2226.48	2248.45
30	2304.78	2280.05	2261.27	2344.58	2432.59	2407.78	2125.32	1912.79	1614.08	895.368	367.508	224.609	203.568	224.609	367.508	895.368	1614.08	1912.79	2125.32	2407.78	2432.59	2344.58	2261.27	2280.05	2304.78
31	2361.64	2335.6	2299.89	2377.26	2460	2450.23	2161.24	1942.64	1591.7	818.003	317.584	205.532	191.269	205.532	317.584	818.003	1591.7	1942.64	2161.24	2450.23	2460	2377.26	2299.89	2335.6	2361.64
32	2410.02	2388.97	2348.71	2417.35	2484.7	2490.37	2195.11	1971.86	1563.13	739.302	276.125	193.628	179.577	193.628	276.125	739.302	1563.13	1971.86	2195.11	2490.37	2484.7	2417.35	2348.71	2388.97	2410.02
33	2458.64	2438.89	2405.28	2453.22	2512.11	2528.94	2229.01	2001.22	1523.87	657.284	240.847	181.888	168.631	181.888	240.847	657.284	1523.87	2001.22	2229.01	2528.94	2512.11	2453.22	2405.28	2438.89	2458.64
34	2515.57	2486.68	2465	2490.01	2542.63	2566.32	2260.66	2027.61	1479.24	574.733	218.805	171.048	157.668	171.048	218.805	574.733	1479.24	2027.61	2260.66	2566.32	2542.63	2490.01	2465	2486.68	2515.57
35	2577.14	2543.74	2522.38	2527.13	2574.78	2599.76	2288.76	2053.56	1428.69	493.477	205.16	159.974	146.589	159.974	205.16	493.477	1428.69	2053.56	2288.76	2599.76	2574.78	2527.13	2522.38	2543.74	2577.14
36	2643.34	2606.87	2575.67	2573.59	2607.51	2630.75	2311.97	2072.63	1369.53	421.857	193.883	148.729	135.03	148.729	193.883	421.857	1369.53	2072.63	2311.97	2630.75	2607.51	2573.59	2575.67	2606.87	2643.34
37	2701.93	2669.79	2635.12	2620.73	2641.36	2656.09	2326.96	2085.82	1307.15	362.232	183.363	137.66	123.855	137.66	183.363	362.232	1307.15	2085.82	2326.96	2656.09	2641.36	2620.73	2635.12	2669.79	2701.93
38	2773.23	2728.79	2698.84	2674.75	2676.62	2675.6	2336.65	2092.6	1234.5	309.47	172.028	126.49	113.654	126.49	172.028	309.47	1234.5								

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160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

4.0 LM-79 Measurement and Test Results

4.3 THD and PF Test

Model No.	ALEDS2T	Sample ID.	C1
Temperature (°C)	25.3	Humidity (%RH)	56.0

Test Method

The samples were tested according to the ANSI C82.77:2002.

The total harmonic distortion shall be measured to the 40th order.

The ambient temperature condition was maintained at $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$. 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 were calculated.

Test Results

Voltage (Vac)	Frequency (Hz)	Current (A)	Power (W)	Power Factor	THD
120.00	60	0.338	40.3	0.995	5.49%
277.00	60	0.164	39.9	0.878	10.91%

5.0 Equipment Information

Test Equipment			
Equipment ID	Equipment Name	Last Calibration Date	Calibration Due Date
DLF107	Integrating Sphere System	2021/12/26	2022/12/25
DLF108	Auxiliary Lamp	2021/12/26	2022/12/25
DLF122	Measurement Standard Lamp Standard Lamp Type: 220 V, 0.4720 A, Tungsten, Omni-derectional	2021/12/26	2022/12/25
DLF116	AC Power Source	2021/12/26	2022/12/25
DLF113	Power Meter	2021/12/26	2022/12/25
DLF112	Temperature Recorder	2021/12/26	2022/12/25
DLF114	Temperature & Humidity Datalogger	2021/12/26	2022/12/25
DLF101	Goniophotometer	2021/12/26	2022/12/25
DLF125	Standard Lamp Standard Lamp Type: 76.58 V, 6.7875 A, Tungsten, Omni-derectional	2021/12/26	2022/12/25
DLF104	AC Power Source	2021/12/26	2022/12/25
DLF507	DC Power Source	2021/12/26	2022/12/25
DLF102	Power Meter	2021/12/26	2022/12/25
DLF111	Temperature & Humidity Datalogger	2021/12/26	2022/12/25
DLF119	Power Meter	2021/12/26	2022/12/25
DLF031	Temperature data logger	2021/12/26	2022/12/25
DLF022	Digital power meter	2021/12/26	2022/12/25
DLF003	Temperature & Humidity Datalogger	2021/12/26	2022/12/25

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