



12, 18 and 26 Watt SLIM wall packs are ultra efficient and deliver impressive light distribution with a compact low-profile design that's super easy to install as a downlight or uplight.

Color: Bronze

Weight: 4.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.20A
208V	0.11A
240V	0.10A
277V	0.09A
Input Watts	20.8W

LED Info

Watts	18W
Color Temp	4000K (Neutral)
Color Accuracy	75 CRI
L70 Lifespan	100,000 Hours
Lumens	2,739 lm
Efficacy	131.7

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

IP Rating:

Ingress protection rating of IP66 for dust and water

ADA Compliant:

SLIM™ is ADA Compliant

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: P0000171P

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50-60Hz, 120V: 0.20A, 208V: 0.11A, 240V: 0.10A, 277V: 0.09A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

15.21% at 120V, 10.6% at 277V

Power Factor:

97% at 120V, 94.6% at 277V

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines for the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Technical Specifications (continued)

Performance

Wattage Equivalency:

Equivalent to 100W Metal Halide

Construction

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Housing:

Precision die-cast aluminum housing

Mounting:

Heavy-duty mounting bracket with hinged housing for easy installation

Recommended Mounting Height:

Up to 14 ft.

Lens:

Tempered glass lens

Reflector:

Specular thermoplastic

Gaskets:

High-temperature silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Patents:

The design of the SLIM™ is protected by patents in U.S. Pat D681,864, and pending patents in Canada, China, Taiwan and Mexico.

HID Replacement Range:

Replaces 100W Metal Halide

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:

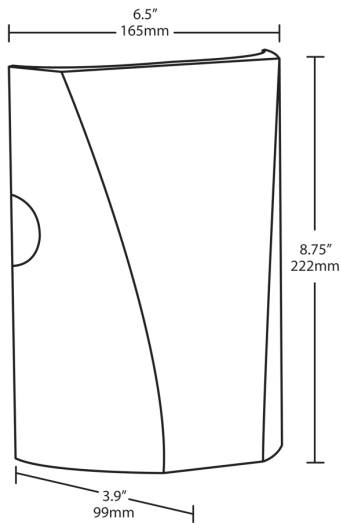
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

BUG Rating:

B1 U0 G0

Dimensions



Features

- Full cutoff, fully shielded LED wall pack
- Can be used as a downlight or uplight
- Contractor friendly features for easy installation
- 100,000-hour LED Life
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver	Options
SLIM	18	N			
	12 = 12W 18 = 18W 26 = 26W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming /D10 = 120-277V, 0-10V Dimming	Blank = No Option /PC = 120V Button /PC2 = 277V Button /LC = Lightcloud® Controller

Photometric Test Report

Relevant Standards

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

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Project Number

DLF2201107

Report Number

DLF2201107-2aMOD40

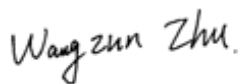
Test Date

2022/1/12

Issue Date

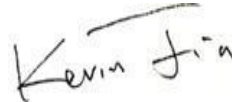
2022/1/25

Prepared By



Wangzun Zhu

Approved By



Kevin Jia

The results contained in this report pertain only to the tested sample.

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1.0 Test Summary

DLC Technical Requirements v5.1

Outdoor - Full-Cutoff Wall-Mounted Area Luminaires				
Requirement Category	Test Method	Requirements		Test value
Luminaire Output (lm) (Goniophotometer - Section 4.2)	IES LM-79-2008	300		2739
Minimum Luminaire Efficacy (lm/W) (Goniophotometer - Section 4.2)	IES LM-79-2008	Standard 105	Premium 120	131.7
Power (Input Wattage) (W) (Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		20.8
Total Harmonic Distortion (A%) (THD & PF - section 4.3)	ANSI C82.77:2014	20.00%	120V	15.21%
		20.00%	277V	10.60%
Power Factor (THD & PF - section 4.3)	ANSI C82.77:2014	0.9	120V	0.970
		0.9	277V	0.946
Allowable CCTs* (K) (Integrating Sphere - Section 4.1)	IES LM-79-2008	7 step	3985±275	3893
		4 step	3985±154	
Minimum CRI (Integrating Sphere - Section 4.1)	IES LM-79-2008 CIE 13.3-1995	≥70		75
Minimum R9 (Integrating Sphere - Section 4.1)	IES LM-79-2008 CIE 13.3-1995	-		-31
Minimum Rf (Integrating Sphere - Section 4.1)	ANSI/IES TM-30-18	≥70		79
Minimum Rg (Integrating Sphere - Section 4.1)	ANSI/IES TM-30-18	≥89		95
IES Rcs,h1 (Integrating Sphere - Section 4.1)	ANSI/IES TM-30-18	-18%≤IES Rcs,h1≤+23%		-17%
Zonal Lumen Requirement (80°-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%		0.03%
Input Voltage (V)				
(Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		277
(Goniophotometer - Section 4.2)		Non-Worst Case		120
Input Current (A)				
(Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		0.079
(Goniophotometer - Section 4.2)		Non-Worst Case		0.172
Power (Input Wattage - W)				
(Goniophotometer - Section 4.2)	IES LM-79-2008	Worst Case		20.8
(Goniophotometer - Section 4.2)		Non-Worst Case		20.0

2.0 Test List

Test Item	Test	Test Date	Model Number	Sample No.
1	Integrating Sphere Test	2022/1/12	SLIM18N/D10	B1
2	Goniophotometer Test	2022/1/12	SLIM18N/D10	B1
3	THD and PF Test	2022/1/12	SLIM18N/D10	B1

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: SLIM18N/D10

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

Photos of Luminaire Characteristics



4.0 LM-79 Measurement and Test Results

4.1 Integrating Sphere Test

Model No.	SLIM18N/D10	Sample ID.	B1
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	0.172	20.0	0.970
277.00	60	0.079	20.8	0.946

Test Result

CCT (K)	CRI	R9	Duv
3893	75	-31	0.0019

Rf	Rg	IES Rcs,h1
79	95	-17%

4.0 LM-79 Measurement and Test Results

4.2 Goniophotometer Test

Model No.	SLIM18N/D10	Sample ID.	B1
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	277.00	60	0.079	20.8	0.946
NON-WORST CASE	120.00	60	0.172	20.0	0.970

Test Result

Flux (lm)	Field Angle(10%)		Beam Angle(50%)		Luminous Efficacy (lm/W)
	C0-180	C90-270	C0-180	C90-270	
2739	104.6	134.1	78.8	90.2	131.7

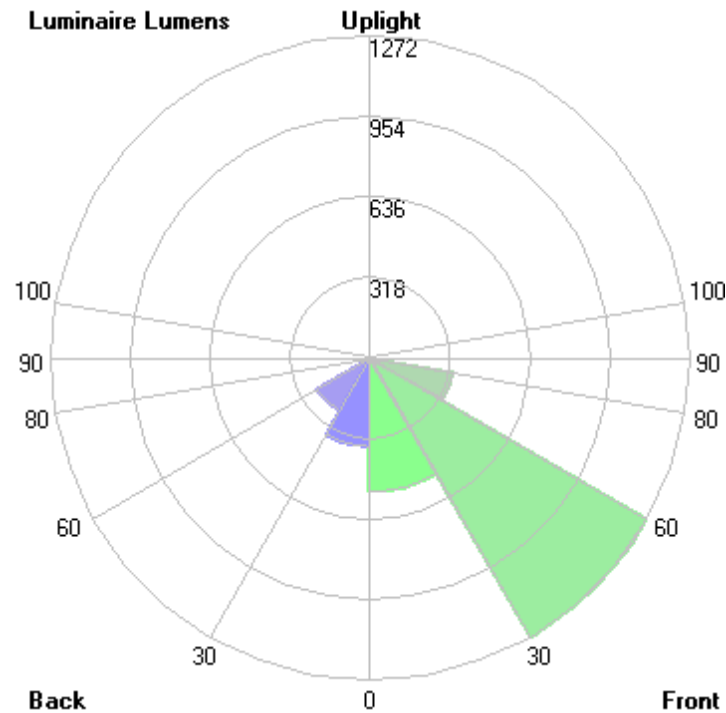
Zonal Lumen Requirement (0° - 90°)	Zonal Lumen Requirement (80° - 90°)	BUG rating
100.00%	0.03%	B1-U0-G0

4.2 Goniophotometer Test

	Zonal (lm)		Total (lm)	Percent
0-10	118.15	0 - 10	118.15	4.31%
10-20	317.63	0 - 20	435.78	15.91%
20-30	441.31	0 - 30	877.09	32.02%
30-40	489.15	0 - 40	1366.24	49.88%
40-50	525.05	0 - 50	1891.29	69.05%
50-60	499.62	0 - 60	2390.91	87.29%
60-70	303.60	0 - 70	2694.51	98.38%
70-80	43.66	0 - 80	2738.17	99.97%
80-90	0.78	0 - 90	2738.95	100.00%
90-100	0.00	0 - 100	2738.95	100.00%
100-110	0.00	0 - 110	2738.95	100.00%
110-120	0.00	0 - 120	2738.95	100.00%
120-130	0.00	0 - 130	2738.95	100.00%
130-140	0.00	0 - 140	2738.95	100.00%
140-150	0.00	0 - 150	2738.95	100.00%
150-160	0.00	0 - 160	2738.95	100.00%
160-170	0.00	0 - 170	2738.95	100.00%
170-180	0.00	0 - 180	2738.95	100.00%

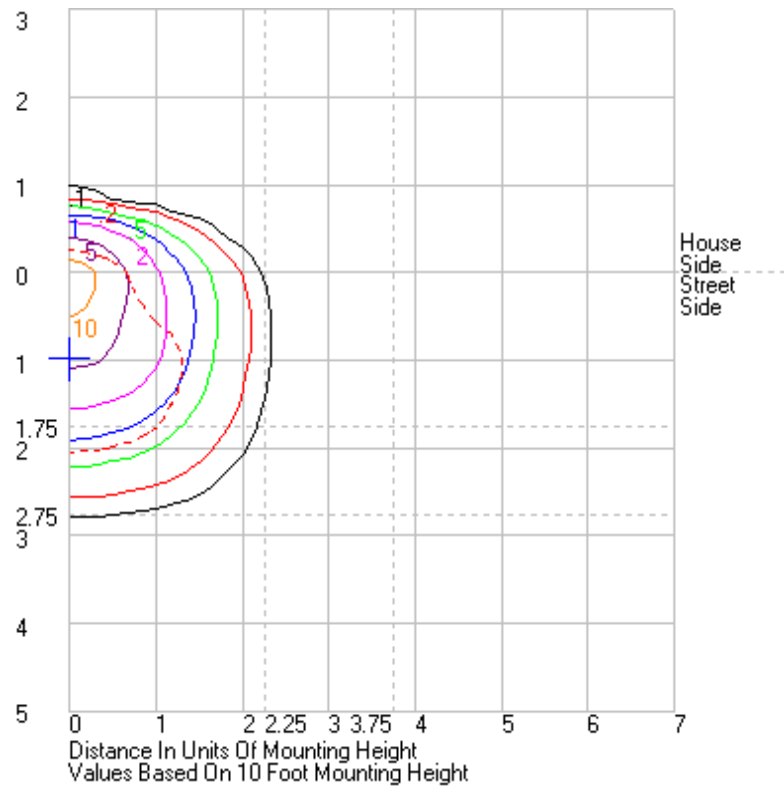
4.2 Goniophotometer Test

LCS/BUG



	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	528.2	N.A.	19.3
FM - Front-Medium (30-60)	1272.2	N.A.	46.4
FH - Front-High (60-80)	332.6	N.A.	12.1
FVH - Front-Very High (80-90)	0.6	N.A.	0.0
BL - Back-Low (0-30)	348.9	N.A.	12.7
BM - Back-Medium (30-60)	241.6	N.A.	8.8
BH - Back-High (60-80)	14.7	N.A.	0.5
BVH - Back-Very High (80-90)	0.2	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	2739.0	N.A.	100.0
BUG Rating	B1-U0-G0		

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	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93	1284.93
1	1310.32	1308.69	1304.53	1298.63	1291.33	1283.73	1276.29	1268.42	1261.58	1249.34	1244.53	1241.92	1258.85	1260.16	1262.21	1266.01	1271.06	1275.78	1281.29	1286.46	1291.92	1288.97	1291.27	1292.49	1310.32
2	1331.15	1327.52	1319.81	1310.19	1299.12	1284.94	1270.97	1255.9	1243.44	1224.99	1218.33	1214.69	1230.94	1233.58	1238.65	1247.52	1257.72	1270.26	1282.54	1294.56	1305.72	1308.88	1313.35	1315.9	1331.15
3	1348.96	1344.31	1335.51	1321.88	1305.25	1284.75	1263.08	1242	1224.94	1204.36	1192.06	1186.06	1202.36	1206.24	1214.44	1227.31	1243.11	1261.96	1281.34	1300.51	1317.91	1323.62	1331.94	1336.46	1348.96
4	1361.27	1356.21	1347.73	1333.27	1310.97	1284.19	1255.5	1228.21	1203.89	1178.34	1163.14	1154.15	1170.05	1175.35	1188.87	1206.8	1227.99	1251.85	1276.72	1303.58	1327.6	1339.45	1348.48	1351.45	1361.27
5	1370.86	1366.09	1357.64	1340.23	1314.76	1281.18	1245.74	1212.28	1183.6	1151.68	1134.89	1124.13	1139.83	1145.1	1160.82	1184.14	1212.58	1243.08	1273.83	1305.76	1335.49	1351.03	1361.83	1363.83	1370.86
6	1380.44	1373.51	1365.61	1342.55	1313.08	1276.13	1233.97	1195.2	1161.14	1127.21	1106.63	1093.27	1108.01	1114.19	1133.03	1160.05	1195.31	1232.76	1267.62	1304.18	1340.63	1358.69	1375.11	1378.81	1380.44
7	1392.6	1383.91	1367.08	1344.58	1309.66	1267.32	1220.8	1176.65	1138.39	1101.78	1077.36	1064.77	1078.28	1085.09	1104.87	1136.13	1175.08	1219.24	1259.92	1304.56	1345.04	1367	1383.78	1390.63	1392.6
8	1396.99	1391.81	1368.39	1342.82	1304.85	1256.49	1206.79	1158.71	1117.06	1075.56	1051.13	1037.82	1049.91	1057.19	1077.94	1111.27	1153.07	1203.76	1252.69	1302.35	1348.47	1375.61	1390.49	1397.33	1396.99
9	1398.42	1395.88	1368.39	1338.79	1297.62	1245.78	1193.61	1142.19	1097.12	1052.13	1025.19	1010.75	1021.86	1029.85	1051.49	1084.02	1131.46	1186.94	1242.15	1297.97	1347.31	1381.24	1395.28	1400.71	1398.42
10	1397.71	1391.11	1369.27	1331.19	1285.98	1234.1	1180.49	1126.14	1077.09	1029.1	999.607	984.025	995.176	1003.65	1025.04	1059.24	1111.26	1169.94	1229.75	1290.2	1343.73	1382.09	1399.32	1400.52	1397.71
11	1402.2	1391.74	1365.18	1320.74	1273.49	1221.55	1165.72	1110.97	1057.33	1005.52	973.941	955.391	967.253	976.371	999.78	1036.06	1089.56	1153.02	1216.44	1280.38	1339.15	1377.69	1398.4	1401.63	1402.2
12	1401.19	1398.28	1358.66	1308.01	1260.77	1208.07	1154.5	1097.56	1039.56	982.5	947.716	927.447	937.114	948.133	973.931	1011.89	1067	1134.77	1202.7	1268.27	1329.68	1375.76	1395.59	1401.63	1401.19
13	1402.92	1399.6	1353.82	1297.29	1245.35	1197.9	1146.02	1085.6	1023.47	961.774	921.318	896.496	906.813	918.574	947.177	988.629	1047.03	1118	1187.89	1254.44	1318.53	1369.09	1392.2	1405.59	1402.92
14	1410.73	1402.19	1342.71	1283.5	1229.59	1187.19	1137.68	1073.69	1006.1	940.194	894.483	867.038	875.617	889.807	920.434	968.056	1031.53	1104.59	1175.55	1239.01	1305.23	1362.38	1390.54	1409.67	1410.73
15	1416.53	1405.29	1336.05	1267.49	1217.93	1179.26	1128.97	1063.1	987.918	917.039	867.638	837.123	845.173	858.693	895.347	948.092	1016.31	1092.88	1167.11	1225.06	1287.43	1347.41	1386.03	1413.88	1416.53
16	1419.99	1402.59	1332.03	1250.95	1207.4	1170.15	1121.59	1051.12	968.513	893.721	840.162	806.862	812.89	829.53	869.833	928.2	1000.02	1081.55	1158.53	1213.57	1267.17	1334.24	1388.1	1415.21	1419.99
17	1416.64	1400.95	1327.85	1234.32	1197.69	1160.96	1112.42	1035.84	948.895	868.705	812.951	777.456	782.304	799.777	842.825	906.874	983.893	1070.15	1150.78	1204.65	1246.52	1320.84	1387.78	1413.57	1416.64
18	1410.11	1395.03	1317.66	1224.47	1186.73	1152.1	1102.37	1018.98	928.881	843.689	784.205	746.615	751.85	770.025	815.004	882.865	966.816	1058.95	1141.49	1197.17	1230.14	1306.22	1384.51	1412.78	1410.11
19	1411.04	1389.05	1309.08	1218.19	1175.37	1143.94	1091.56	1001.32	906.894	816.885	755.144	716.822	718.927	740.283	787.498	858.744	949.241	1045.7	1131.78	1188.39	1218.46	1289.61	1375.39	1408.01	1411.04
20	1412.05	1382.66	1291.29	1212.86	1165.11	1135.39	1079.15	983.059	884.318	790.721	726.499	683.35	682.496	706.983	760.267	833.525	930.131	1032.03	1121.45	1178.23	1206.46	1273.4	1363.89	1405.55	1412.05
21	1413.04	1371.83	1278.19	1207.17	1153.44	1124.9	1065.68	963.868	860.746	763.499	697.58	648.413	644.957	669.709	731.877	807.381	908.734	1016.8	1112.89	1168.57	1193.81	1257.71	1352.17	1397.8	1413.04
22	1418.32	1364.21	1263.85	1200.95	1142.33	1113.59	1050.98	945.47	838.444	736.186	665.846	613.467	608.781	632.77	699.685	781.054	887.205	1000.43	1101.62	1158.87	1183.24	1243.12	1336.38	1393.78	1418.32
23	1421.5	1354.44	1252.64	1194.36	1132.38	1100.72	1035.93	925.791	814.049	709.453	632.668	576.69	569.28	597.355	664.159	754.737	864.741	984.309	1089.01	1149.66	1172.24	1229.94	1319.2	1391.26	1421.5
24	1420.84	1347.59	1243.86	1186.69	1123.8	1086.59	1020.32	906.254	789.501	683.096	599.49	535.686	527.523	557.753	628.948	728.614	842.012	967.446	1076.5	1138.06	1162.48	1218.38	1304.73	1388.4	1420.84
25	1421.08	1343.64	1241.05	1179.49	1113.23	1071.66	1003.27	886.554	764.15	655.285	565.692	496.988	488.724	516.596	594.926	702.287	817.952	949.546	1062.81	1125.78	1152.15	1208.68	1293.32	1382.5	1421.08
26	1421.33	1333.13	1239.27	1171.48	1103.67	1056.66	986.332	864.72	739.266	627.474	528.011	457.976	446.723	478.752	558.638	674.313	795.081	930.914	1048.68	1111.12	1143.89	1199.77	1283.16	1378.88	1421.33
27	1423.86	1331.88	1238.49	1162.93	1093.51	1040.66	968.361	842.155	713.427	597.721	489.466	416.239	405.119	437.087	519.747	644.642	771.296	911.072	1034.66	1095.34	1136.46	1191.77	1275.66	1374.7	1423.86
28	1429.14	1333.01	1239.17	1154.6	1082.18	1023.99	949.576	819.477	687.04	566.21	454.133	377.572	367.814	396.112	483.093	611.759	747.246	890.234	1018.16	1078.47	1126.44	1183.73	1272.37	1371.1	1429.14
29	1434.55	1336.97	1239.2	1146.42	1071.08	1007.06	930.578	796.819	661.445	535.99	415.426	338.132	326.524	357.761	445.981	580.451	722.942	868.776	1000.69	1062	1115.78	1175.81	1269.24	1369.71	1434.55
30	1442.52	1343.42	1240.54	1138.69	1057.23	990.347	909.242	773.247	635.189	503.524	375.773	298.947	290.266	316.603	405.291	548.778	697.784	847.491	983.476	1045.09	1105.24	1168.92	1267.66	1367.9	1442.52
31	1450.2	1349.89	1243.01	1132.25	1044.37	971.969	887.713	750.265	609.655	468.821	340.785	264.092	253.693	281.331	368.413	515.275	673.337	825.738	965.372	1027.85	1092.64	1163.49	1270.43	1367.73	1450.2
32	1461.25	1361.53	1245.15	1126.02	1031.65	952.89	866.326	728.075	583.572	434.322	302.108	226.492	216.297	243.945	330.712	478.824	647.844	803.904	945.958	1010.22	1079	1158.61	1273.62	1373.37	1461.25
33	1474.7	1375.6	1248.8	1117.99	1018.94	932.977	844.177	704.421	556.828	402.364	266.135	191.383	183.363	207.169	291.689	444.09	622.788	781.176	925.567	992.299	1065.56	1153.88	1275.69	1387.25	1474.7
34	1491.05	1392.17	1251.76	1110.15	1006.09	913.105	822.78	680.951	529.302	368.281	232.418	158.734	151.13	174.499	257.871	410.74	597.294	758.752	904.007	974.572	1051.83	1148.28	1277.16	1403.22	1491.05
35	1509.65	1409.23	1255.59	1102.67	993.986	893.111	801.16	656.82	501.024	332.42	196.75	126.715	118.969	141.596	222.142	374.258	569.372	736.227	883.078	957.637	1038.6	1142.83	1280.9	1422.54	1509.65
36	1527.39	1429.05	1261.68	1095.82	982.602	874.885	779.61	632.892	472.288	300.39	164.955	100.073	92.124	111.528	187.673	337.543	540.28	712.97	861.712	940.377	1025.09	1138.34	1287.77	1441.92	1527.39
37	1548.09	1446.47	1268.31	1089.74	970.038	857.656	758.976	609.218	443.826	266.847	134.145	75.474	72.689	85.639	156.274	305.727	509.105	689.611	840.427	923.636	1011.26	1133.65	1295.96	1465.42	1548.09
38	1568.9	1465.83	1276.59	1086.06	956.6	840.599	738.026	584.761	415.822	232.347	104.931	61.772	60.044	66.356	124										

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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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

4.0 LM-79 Measurement and Test Results

4.3 THD and PF Test

Model No.	SLIM18N/D10	Sample ID.	B1
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	0.172	20.0	0.970	15.21%
277.00	60	0.079	20.8	0.946	10.60%

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*****