


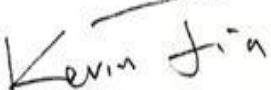
Test Report

Applicant & Address			
Applicant Name	LIGHT EFFICIENT DESIGN, DIV OF TADD LLC		
Address	188 S. Northwest Highway, Suite 301 Cary, IL 60013-2987,USA		
Contact	Michael Benz		
Telephone	(608)512-9711	Fax/ E-mail Address	mbenz@led-llc.com

Contry of Origin	USA
Contry of Export	USA, Canada
Product Description	Lamp type: LED Lamps Total Amount of Light Source: 15PCS Manufacturer of Light Source: EVERLIGHT ELECTRONICS CO., LTD Model Number of Light Source: 2835S Series
Model Number	LED-7318-27A
Ballast Model No.	ICF-2S18-H1-LD
Electrical Specification	Rated Voltage: 120-277Vac Frequency: 50/60 Hz Wattage: 10W Nominal CCT: 2700K

Test Laboratory & Address			
Test Laboratory	Deliver Co., Ltd.		
Address	Block 11, 78 Keling Road, SSTP, Suzhou, China, 215000		
Telephone	0512-6680 1969	Fax	0512-6680 1916

Receipt Date of Test Samples	2017/6/20	Test Period	See individual test page
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Test by	Approved by
 /Wz Zhu	 /Kevin Jia
Test Personnel Name & Signatory	Approved Name & Signatory

Test Results

Statement of Results

Test No.	Test Method	Sample No.	Sample Serial No.	Result (Pass/Fail/NA)
1	Integrating Sphere	B1	DLF1706108	Evaluated by Customer
2	Goniophotometer	B1	DLF1706108	Evaluated by Customer
3	Total Harmonic Distortion Test	B1	DLF1706108	Evaluated by Customer

Deviation from Test Method (if any)

N/A

Remark (if any)

This report shall not be used by the client to claim product endorsement by NVLAP, NIST or any agency of the US government.

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.

Test Report

Test No.1: Integrating Sphere Test

Environmental Conditions

Temperature (°C)	25.2	Relative Humidity (%)	58.1
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Test Equipment

Equipment ID	Equipment Name	Date	Calibration Due Date
DLF107	Integrating Sphere System	2016/12/28	2017/12/27
DLF108	Auxiliary Lamp	2016/12/28	2017/12/27
DLF122	Measurement Standard Lamp	2016/12/28	2017/12/27
	Standard Lamp Type: 220 V, 0.4720 A, Tungsten, Omni-derectional		
DLF116	AC Power Source	2016/12/28	2017/12/27
DLF113	Power Meter	2016/12/28	2017/12/27
DLF112	Temperature Recorder	2016/12/28	2017/12/27
DLF114	Temperature & Humidity Datalogger	2016/12/28	2017/12/27
Test Sample	B1		
Test Date	2017/6/23		

Test Method

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

Photometric paramters 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.

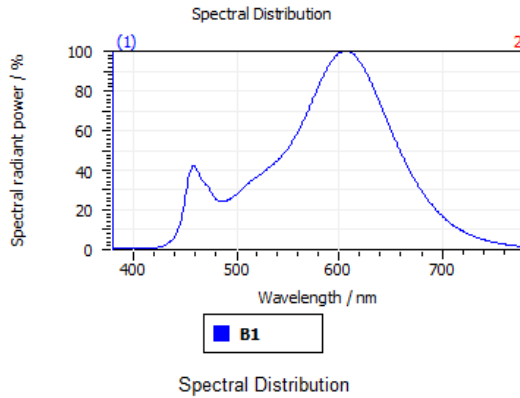
Test Results

Test Type	Voltage (V AC)	Frequen cy (Hz)	Current (A)	Power (W)	Power Factor	Orientation	Operate time (Min.)	Stabilization time (Min.)
Input	119.95	60.00	0.086	10.29	0.995	Light Down	60	45

Test Type	CCT (K)	Color Rendering Index Ra	R9	Luminous Flux (lm)	Luminous Efficacy (lm/W)
Output	2705	82.0	8.2	837.3	81.4

Spectroradiometric Parameters

Results

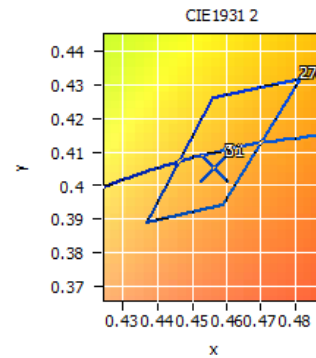


Spectral values

ResultsPhotometric	0.8373 klm
DominantWavelength	584.76 nm
Purity	0.587
PeakWavelength	606.07 nm
Radiant Power	2.627 W
Width50%:	110.26 nm

Color Coordinates

Correlated Color Temperature		2705 K
x: 0.4566	u: 0.2628	u': 0.2628
y: 0.4053	v: 0.3499	v': 0.5248
CRI01	82.3	CRI09
CRI02	95.8	CRI10
CRI03	89.0	CRI11
CRI04	77.7	CRI12
CRI05	83.2	CRI13
CRI06	95.2	CRI14
CRI07	77.7	CRI15
CRI08	55.1	CRI16
ResultsCRI	82.0	



Nominal CCT 2700K

PlanckDistance 1.7E-003

Test Report

Test No.2: Goniophotometer Test

Environmental Conditions

Temperature (°C)	25.0	Relative Humidity (%)	58.2
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Test Equipment

Equipment ID	Equipment Name	Last Calibration Date	Calibration Due Date
DLF101	Goniophotometer	2016/12/28	2017/12/27
DLF125	Standard Lamp	2016/12/28	2017/12/27
	Standard Lamp Type: 76.58 V, 6.7875 A, Tungsten, Omni-derectional		
DLF104	AC Power Source	2016/12/28	2017/12/27
DLF507	DC Power Source	2016/12/28	2017/12/27
DLF102	Power Meter	2016/12/28	2017/12/27
DLF111	Temperature & Humidity Datalogger	2016/12/28	2017/12/27

Test Sample	B1
Test Date	2017/6/23

Test Method

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

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

The ambient temperature shall be maintained at 25° C ± 1° 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.

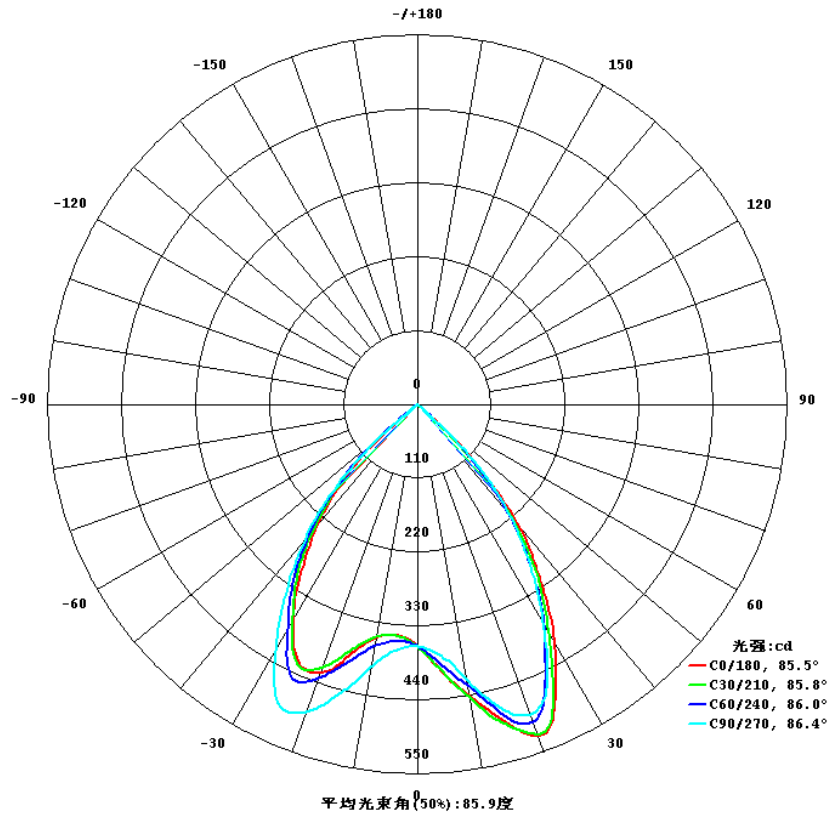
The samples were operated at rated voltage and was stabilized before measurement. Luminous flux, luminaire efficacy, zonal lumen were calculated from the software taken at 0.5° vertical intervals and 10° horizontal intervals.

The sample is tested in a reference downlight, which model number is Prescolite LF6CFV 32 EB LCFHV WT .

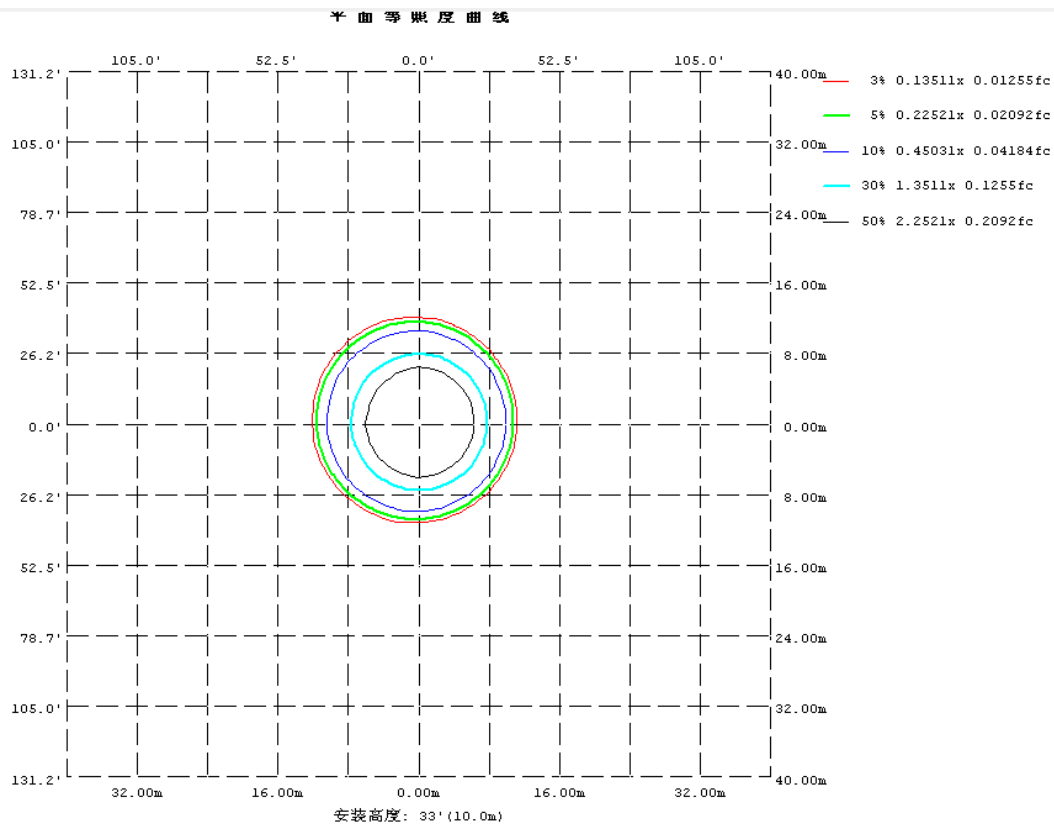
Test Results

Test Type	Voltage (V AC)		Frequency (Hz)	Current (A)	Power (W)	Power Factor	Orientation	Operate time (Min.)	Stabilization time (Min.)
Input	120.00		60.00	0.086	10.21	0.992	LightDown	90	60
Test Type	Flux (lm)	Field angle (10%)		Beam angle (50%)		Zonal Lumen Result		Luminous Efficacy (lm/W)	
		C90-270	C0-180	C90-270	C0-180	0°-60°			
Output	680.0	99.9	99.8	86.4	85.5	99.7%		67	

Light Distrubtion Curve



Isolux Plot



PlotZonal Lumen Tabulation

7	C0	C45	C90	C135	C180	C225	C270	C315	γ(°)	Φ环	Φ总	1lum,1amp
10	438.4	432.6	413.3	361.7	350.9	356.2	394.4	423.2	0-10	36.16	36.16	5.33,5.33
20	524.4	513.0	491.0	439.9	424.1	437.6	486.8	498.6	10-20	125.3	161.5	23.8,23.8
30	408.9	384.2	374.7	358.9	368.9	391.6	423.2	410.6	20-30	205.7	367.2	54.1,54.1
40	231.9	214.0	213.1	218.8	231.6	249.9	260.6	245.9	30-40	193.6	560.8	82.7,82.7
50	18.37	17.43	20.70	36.03	58.96	76.10	60.99	31.94	40-50	103.8	664.6	98.98
60	2.729	3.333	3.798	4.483	4.334	5.498	4.840	3.502	50-60	11.33	675.9	99.7,99.7
70	0.3643	0.3922	0.4970	0.6304	0.3984	0.5298	0.4356	0.2847	60-70	1.685	677.6	99.9,99.9
80	0	0	0	0.0108	0	0	0	0	70-80	0.1562	677.8	99.9,99.9
90	0	0	0	0	0	0	0	0	80-90	0.0001	677.8	99.9,99.9
100	0	0	0	0	0	0	0	0	90-100	0	677.8	99.9,99.9
110	0	0	0	0	0	0	0	0	100-110	0	677.8	99.9,99.9
120	0	0	0	0	0	0	0	0	110-120	0	677.8	99.9,99.9
130	0	0	0	0	0	0	0	0.0006	120-130	0.0000	677.8	99.9,99.9
140	0	0	0	0	0.2865	0.2779	0.2877	0.2932	130-140	0.0476	677.8	99.9,99.9
150	0	0	0	0	0.4583	0.4087	0.5073	0.4702	140-150	0.1256	677.9	100,100
160	0.0934	0.1137	0.1330	0.1790	0.4583	0.4087	0.5517	0.5608	150-160	0.1147	678.0	100,100
170	0.3208	0.3802	0.4946	0.5330	0.4583	0.4087	0.5517	0.5984	160-170	0.1158	678.2	100,100
180	0.3819	0.4468	0.5517	0.5808	0.4583	0.3992	0.5517	0.5903	170-180	0.0477	678.2	100,100
单位:°	光强:cd									单位:lm		

Intensity Data(cd)

CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286
5	373.970	368.810	364.240	360.110	355.590	351.840	348.190	346.300	346.200	345.630
10	413.280	402.800	387.360	373.670	364.300	359.200	355.920	353.910	352.860	350.940
15	464.530	449.610	421.320	405.450	403.320	405.510	395.720	385.500	383.330	383.630
20	490.960	474.690	450.220	438.990	440.080	439.650	428.130	418.010	419.780	424.110
25	458.310	443.350	423.130	417.710	422.610	423.930	417.810	415.820	419.390	421.740
30	374.740	366.710	356.080	352.840	357.040	360.760	359.270	360.430	367.540	368.850
35	294.360	290.110	286.760	287.210	290.110	292.760	293.820	295.780	300.620	302.390
40	213.080	212.290	211.280	212.720	217.000	220.580	220.770	222.360	229.300	231.600
45	119.800	122.590	124.320	128.910	135.290	140.640	142.940	145.890	151.760	153.840
50	20.700	22.910	25.890	29.520	33.730	38.320	43.310	48.650	55.140	58.960
55	8.400	8.690	9.020	9.390	9.590	9.720	9.890	10.130	10.380	10.750
60	3.800	4.020	4.170	4.350	4.500	4.460	4.360	4.310	4.370	4.330
65	1.510	1.600	1.730	1.830	1.850	1.800	1.730	1.620	1.560	1.390
70	0.500	0.540	0.590	0.610	0.630	0.630	0.630	0.590	0.590	0.400
75	0.170	0.190	0.210	0.230	0.270	0.250	0.250	0.250	0.270	0.040
80	0.000	0.000	0.000	0.000	0.000	0.020	0.020	0.020	0.040	0.000
85	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.100
140	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.290
145	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.460
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.460
155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.460
160	0.130	0.150	0.170	0.170	0.150	0.210	0.170	0.150	0.210	0.460
165	0.380	0.360	0.380	0.380	0.360	0.380	0.380	0.380	0.380	0.460
170	0.490	0.500	0.490	0.530	0.510	0.550	0.550	0.540	0.530	0.460
175	0.570	0.590	0.560	0.580	0.580	0.580	0.610	0.590	0.570	0.460
180	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550

Vert. Angles Horizontal Angles

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286
5	345.160	345.450	346.140	348.130	349.980	353.030	357.610	361.260	366.100	370.110
10	348.440	347.700	350.050	354.120	358.190	364.070	372.920	383.740	394.410	401.930
15	374.780	367.820	376.520	390.640	393.700	395.160	410.930	432.660	444.180	446.960
20	414.100	403.550	416.030	437.360	437.820	432.960	450.170	480.600	486.830	486.240
25	417.110	414.410	425.870	440.050	444.660	446.770	459.040	479.190	490.790	493.700
30	362.290	359.430	372.460	390.500	392.760	386.740	393.600	411.870	423.190	422.810
35	303.220	305.130	314.200	323.610	324.700	324.300	329.880	338.610	342.680	339.860
40	231.280	231.760	240.390	248.870	250.860	250.440	253.470	258.210	260.600	257.970
45	155.630	157.920	163.970	169.500	169.880	168.580	169.570	170.330	169.680	164.760
50	63.270	67.520	72.530	76.240	75.960	73.070	70.600	67.120	60.990	53.740
55	11.290	11.900	12.460	12.870	13.060	13.110	12.770	12.230	11.710	10.970
60	4.550	4.810	5.150	5.430	5.560	5.530	5.390	5.140	4.840	4.580
65	1.480	1.590	1.750	1.870	1.950	2.010	2.000	1.910	1.820	1.670
70	0.420	0.460	0.530	0.530	0.530	0.540	0.490	0.450	0.440	0.400
75	0.060	0.080	0.090	0.090	0.110	0.090	0.070	0.080	0.070	0.060
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Intensity Data (Cont'd)

CANDELA TABULATION - (Cont.)

90	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.110	0.100	0.110	0.100	0.120	0.130	0.120	0.150	0.120	0.130
140	0.250	0.290	0.270	0.270	0.280	0.270	0.290	0.300	0.290	0.290
145	0.440	0.420	0.460	0.400	0.420	0.440	0.420	0.460	0.460	0.440
150	0.430	0.400	0.440	0.400	0.420	0.470	0.490	0.510	0.510	0.500
155	0.420	0.400	0.440	0.400	0.420	0.470	0.490	0.510	0.550	0.530
160	0.400	0.400	0.440	0.400	0.420	0.470	0.490	0.510	0.550	0.550
165	0.410	0.400	0.430	0.400	0.420	0.470	0.490	0.510	0.550	0.550
170	0.410	0.400	0.430	0.400	0.420	0.470	0.490	0.510	0.550	0.550
175	0.420	0.390	0.440	0.400	0.420	0.470	0.490	0.510	0.550	0.550
180	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550

Vert. Angles Horizontal Angles

	200	210	220	230	240	250	260	270	280	290
0	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286	360.286
5	374.300	379.350	383.520	387.320	390.230	393.030	396.390	396.640	397.340	397.090
10	407.650	412.670	418.970	427.500	435.990	438.990	439.000	438.420	441.730	443.410
15	452.520	452.000	451.030	469.240	499.000	504.370	489.660	484.830	497.190	498.230
20	497.690	499.000	491.740	505.440	530.560	539.800	530.720	524.440	524.850	525.140
25	490.090	485.780	482.350	486.200	498.740	505.320	493.910	485.770	484.680	484.990
30	420.050	414.710	409.720	411.400	415.250	415.780	412.180	408.870	402.260	397.100
35	337.080	334.920	331.310	330.480	330.450	328.470	323.280	320.240	315.160	312.990
40	254.510	251.670	247.990	243.900	241.020	238.780	234.180	231.880	225.420	220.520
45	157.740	150.720	143.670	136.730	130.270	125.080	119.430	117.890	114.030	110.990
50	47.200	40.550	34.450	29.430	25.390	21.840	19.220	18.370	17.570	17.290
55	10.250	9.510	8.720	8.000	7.420	6.920	6.580	6.500	6.520	6.700
60	4.260	3.940	3.650	3.350	3.030	2.770	2.630	2.730	2.780	2.950
65	1.530	1.370	1.170	1.010	0.870	0.760	0.690	0.880	0.880	0.920
70	0.360	0.340	0.300	0.270	0.290	0.210	0.170	0.360	0.380	0.360
75	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.110	0.080
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.020	0.000	0.020	0.000	0.000	0.000
135	0.120	0.140	0.150	0.130	0.150	0.150	0.150	0.000	0.000	0.000
140	0.290	0.290	0.300	0.290	0.300	0.300	0.310	0.000	0.000	0.000
145	0.420	0.410	0.410	0.440	0.420	0.380	0.400	0.000	0.000	0.000
150	0.500	0.480	0.460	0.480	0.460	0.480	0.450	0.000	0.000	0.000
155	0.550	0.530	0.520	0.500	0.490	0.490	0.480	0.000	0.000	0.000
160	0.570	0.550	0.580	0.550	0.540	0.520	0.530	0.090	0.080	0.090
165	0.600	0.570	0.590	0.600	0.570	0.570	0.580	0.300	0.240	0.320
170	0.600	0.570	0.600	0.600	0.570	0.580	0.580	0.320	0.340	0.340
175	0.590	0.570	0.600	0.590	0.570	0.580	0.590	0.370	0.370	0.390
180	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550

Intensity Data (Cont'd)

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles						
	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	360.286	360.286	360.286	360.286	360.286	360.286	360.286
5	395.780	393.650	389.670	386.130	382.190	377.150	373.970
10	441.050	435.520	429.600	422.950	418.580	416.100	413.280
15	490.220	485.530	485.260	473.690	458.570	457.890	464.530
20	521.980	515.990	510.010	501.780	491.990	489.710	490.960
25	479.270	471.790	463.410	452.030	446.780	452.920	458.310
30	391.740	386.210	382.280	377.600	374.190	374.220	374.740
35	311.870	307.450	299.930	294.010	293.270	294.020	294.360
40	218.090	215.760	212.240	209.520	210.130	211.950	213.080
45	108.790	107.730	107.350	108.230	110.620	114.800	119.800
50	17.340	17.380	17.470	17.690	17.990	18.950	20.700
55	6.920	7.230	7.510	7.720	7.870	8.060	8.400
60	3.140	3.290	3.370	3.490	3.550	3.630	3.800
65	0.970	1.090	1.180	1.260	1.330	1.410	1.510
70	0.360	0.380	0.400	0.420	0.440	0.460	0.500
75	0.120	0.110	0.130	0.130	0.120	0.130	0.170
80	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160	0.090	0.090	0.130	0.130	0.150	0.130	0.130
165	0.260	0.310	0.300	0.300	0.310	0.340	0.380
170	0.340	0.380	0.380	0.400	0.430	0.440	0.490
175	0.370	0.430	0.460	0.460	0.500	0.570	0.570
180	0.550	0.550	0.550	0.550	0.550	0.550	0.550

Test Report

Test No.3: Total Harmonic Distortion Test

Environmental Conditions

Temperature (°C)	25.2	Relative Humidity (%)	58.1
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Test Equipment

Equipment ID	Equipment Name	Last Calibration Date	Calibration Due Date
DLF119	Power Meter	2016/12/28	2017/12/27
DLF116	AC Power Supply	2016/12/28	2017/12/27
DLF114	Temperature & Humidity Datalogger	2016/12/28	2017/12/27

Test Sample	B1
Test Date	2017/6/23

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° C ± 1° 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

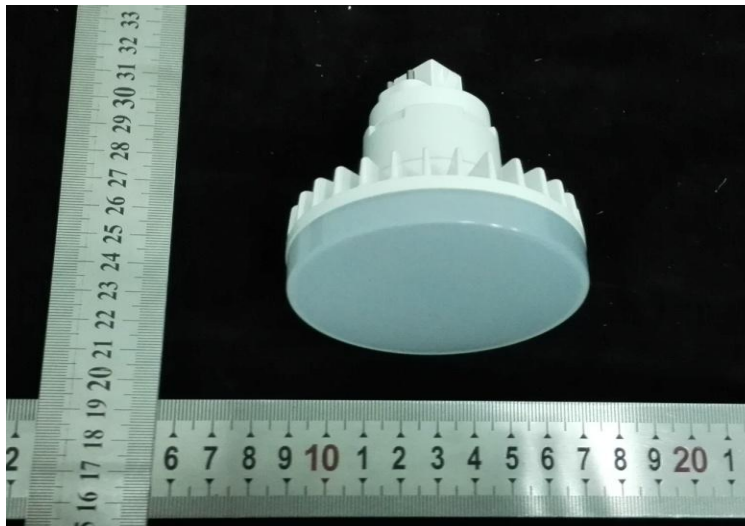
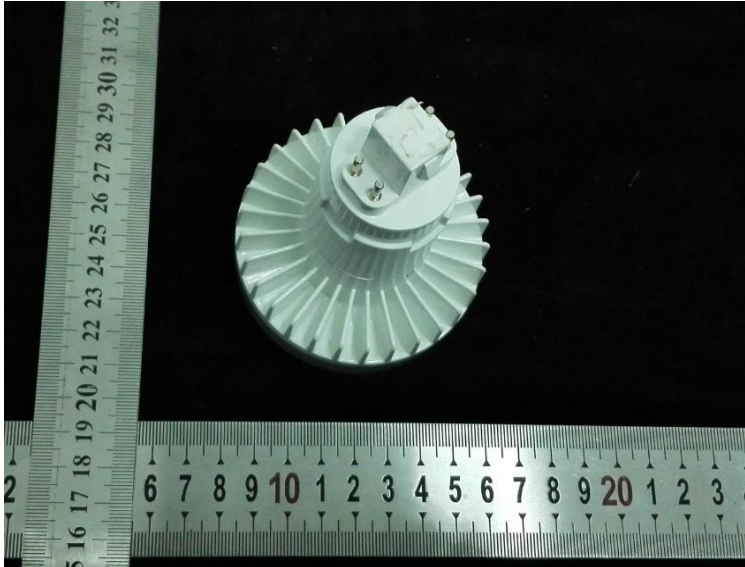
Test Type	Voltage (V AC)	Frequency (Hz)	Current (A)	Power (W)	Power Factor	Current THD (%)	Operate time (Min.)	Stabilization time (Min.)
Input	277.14	60	0.042	10.87	0.926	21.44	40	30

Test Report

Test Sample

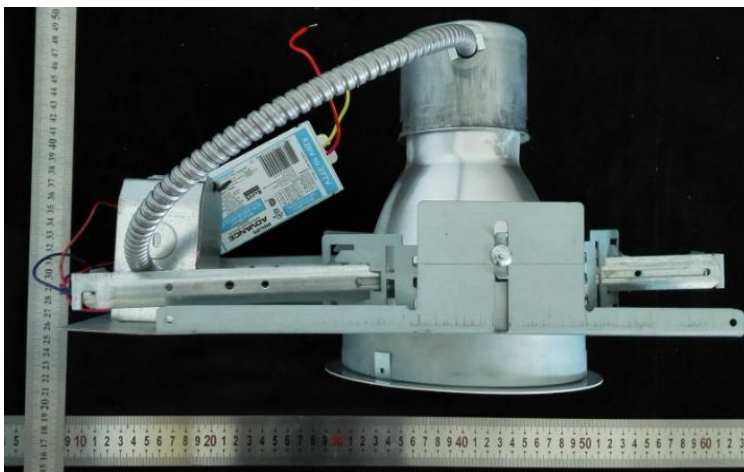
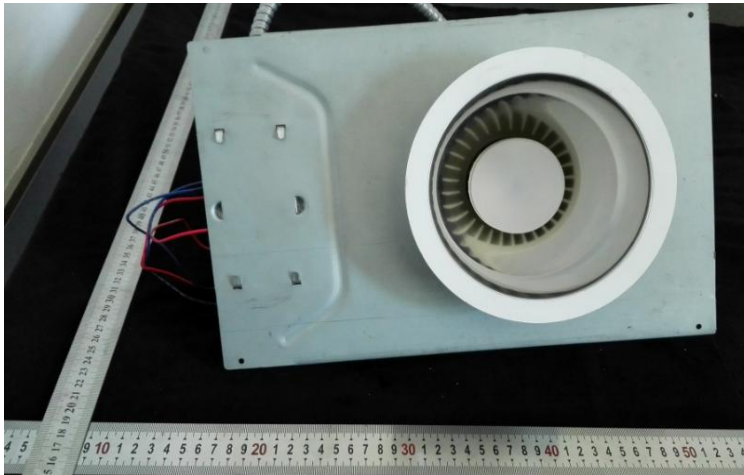
B1

Photos of Sample



Test Report

Photos of Sample



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