



8165 E Kaiser Blvd. Anaheim, CA 92808
www.lightlaboratory.com

Report No: L062012402



Report No: L062012402

Issue Date: 6/19/2020

Report Prepared For: Dreamscape Lighting Mgf., Inc.
5521 West Washington Blvd., Los Angeles, CA 90016

Model Number: DLED-127-SSD-120V-4W-WET-2750K-FL-L2

Test: Photometric/Electrical Test

Standards Used: Appropriate part or all test guidelines were used for test performed:
IESNA LM79: 2008 Approved Methods for Electrical and Photometric Measurements of Solid-State Lighting Products
ANSI NEMA ANSLG C78.377: 2008 Specification of the Chromaticity of Solid State Lighting Products
ANSI C82.77:2002: Harmonic Emission Limits-Related Quality Requirements for Lighting Equipment

Description of Sample: Client submitted the sample. Received in working and undamaged condition. No modifications were necessary.

Special Test Condition: Fixture is tested with no special conditions.

Sample Arrival Date: 6/17/20

Date of Tests: 6/17/20 - 6/19/20

Seasoning of Sample: No seasoning was performed in accordance with IESNA LM-79.

Equipment List

Equipment Used	Model No	Stock No	Calibration Due Date
Chroma Programmable AC Source	61604	PS-AC02	--
Yokogawa Digital Power Meter	WT210	MT-EL06-S4	1/9/21
BK PRECISION	1747	PS-DC04	1/10/21
Fluke Digital Thermometer	52K/J	MT-TP05	1/10/21
LLI Type C Goniophotometer System	RMG-C-MKII	CD-LL04-GC	--
LLI 2M Sphere	2MR97	CD-SN03-S2	--
LLI Spectroradiometer	SPR-3000	MT-SC01-S2	Before Use

General Information

Manufacturer:	Dreamscape Lighting Mfg., Inc.
Model Number:	DLED-127-SSD-120V-4W-WET-2750K-FL-L2
Driver Model Number:	N/A

Photometric & Electrical Test Results

Total Lumens:	163.60
Efficacy:	48.01
Input Voltage (VAC/60Hz):	12.02
Input Current (Amp):	0.3798
Input Power (W):	3.41
Input Power Factor:	0.7465
Current ATHD (%):	61.2%

Test Condition

Ambient Temperature (°C):	25.0
Stabilization Time (Hours):	0:30
Total Operating Time (Hours):	1:00

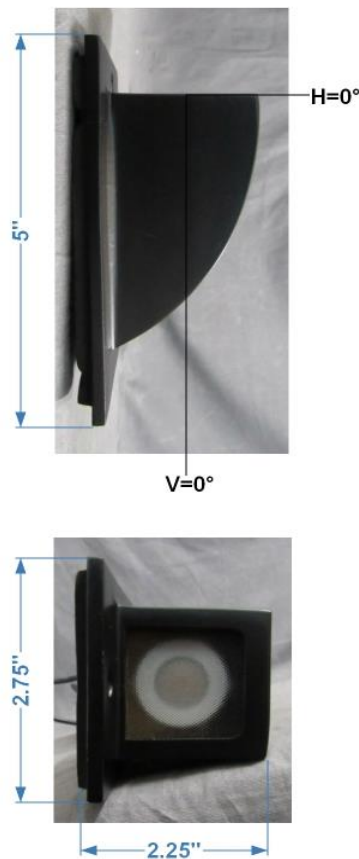


FIG. 1 LUMINAIRE

Test Methods

Photometric Measurements - Goniophotometer

A Custom Light Laboratory Type C Rotating Mirror Goniophotometer was used to measure candelas(intensity) at each angle of distribution as defined by IESNA for the appropriate fixture type.

Ambient temperature is set to 25°C and is measured from the center of the fixture, within 1ft from the outside of the fixture. Temperature is maintained at 25°C throughout the testing process and the sample is stabilized for at least 30mins and longer as necessary for the sample to achieve stabilization.

Electrical measurements are measured using the listed equipment.

Spectral Measurements - Integrating Sphere

A Sensing Spectroradiometer SPR-3000, in conjunction with Light Laboratory 2 meter integrating sphere was used to measure chromaticity coordinates, correlated color temperature(CCT) and the color rendering index(CRI) for each sample.

Ambient temperature is set to 25°C and is measured from the center of the fixture, within 1ft from the outside of the fixture. Temperature is maintained at 25°C throughout the testing process and the sample is stabilized for at least 30mins and longer as necessary for the sample to achieve stabilization.

Electrical measurements are measured using the listed equipment.

Disclaimers:

This report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any agency of Federal Government.

Report Prepared by : Keyur Patel

Test Report Reviewed by:



Steve Kang
Quality Assurance

**Attached are photometric data reports. Total number of pages: 13*



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Photometric Test Report

IES ROAD REPORT
PHOTOMETRIC FILENAME : L062012402.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L062012402
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 6/19/2020
 [MANUFAC] Dreamscape Lighting Mgf., Inc.
 [LUMCAT] DLED-127-SSD-120V-4W-WET-2750K-FL-L2
 [LUMINAIRE] Wall Sconce
 [BALLASTCAT] N/A
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 12.01VAC, 3.41W
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	164
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	48
Total Luminaire Watts	3.41
Ballast Factor	1.00
Upward Waste Light Ratio	1.00
Maximum Candela	470
Maximum Candela Angle	180H 180V
Maximum Candela (<90 Degrees Vertical)	0
Maximum Candela Angle (<90 Degrees Vertical)	180H 85V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : L062012402.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

ZONAL LUMEN SUMMARY

	Lumens	% Lamp	% Luminaire	Zone	%
FL - Front-Low (0-30)	0.0	N.A.	0.0		
FM - Front-Medium (30-60)	0.0	N.A.	0.0	0-20	0
FH - Front-High (60-80)	0.0	N.A.	0.0	0-30	0
FVH - Front-Very High (80-90)	0.0	N.A.	0.0	0-40	0
BL - Back-Low (0-30)	0.0	N.A.	0.0	0-60	0
BM - Back-Medium (30-60)	0.0	N.A.	0.0	0-80	0
BH - Back-High (60-80)	0.0	N.A.	0.0	0-90	0
BVH - Back-Very High (80-90)	0.0	N.A.	0.0	10-90	0
UL - Uplight-Low (90-100)	0.4	N.A.	0.2	20-40	0
UH - Uplight-High (100-180)	163.2	N.A.	99.7	20-50	0
				40-70	0
Total	163.6	N.A.	100.0	60-80	0
				70-80	0
BUG Rating	B0-U3-G0			80-90	0
				90-110	0.6
				90-120	1.5
				90-130	3.5
				90-150	17.5
				90-180	100
				110-180	99.4
				0-180	100

IES ROAD REPORT
PHOTOMETRIC FILENAME : L062012402.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.38
95.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.38
97.5	0.41	0.41	0.41	0.42	0.42	0.42	0.43	0.44	0.42	0.43
100.0	0.44	0.44	0.44	0.45	0.45	0.46	0.48	0.49	0.48	0.48
102.5	0.46	0.46	0.46	0.48	0.49	0.50	0.53	0.54	0.54	0.53
105.0	0.49	0.49	0.49	0.51	0.52	0.54	0.58	0.59	0.59	0.58
107.5	0.80	0.80	0.81	0.84	0.88	0.91	0.96	0.99	1.00	0.97
110.0	1.12	1.12	1.14	1.18	1.23	1.28	1.35	1.38	1.40	1.37
112.5	1.43	1.43	1.46	1.52	1.59	1.66	1.73	1.77	1.80	1.77
115.0	1.75	1.75	1.78	1.85	1.94	2.03	2.11	2.17	2.20	2.17
117.5	2.53	2.54	2.57	2.64	2.73	2.81	2.89	2.93	2.97	2.93
120.0	3.32	3.34	3.36	3.42	3.52	3.60	3.67	3.70	3.73	3.69
122.5	4.10	4.13	4.15	4.21	4.31	4.38	4.45	4.47	4.49	4.45
125.0	4.89	4.93	4.94	5.00	5.10	5.17	5.22	5.24	5.26	5.21
127.5	6.32	6.36	6.36	6.38	6.47	6.50	6.54	6.52	6.50	6.45
130.0	7.75	7.80	7.78	7.77	7.85	7.84	7.87	7.80	7.75	7.68
132.5	9.19	9.24	9.20	9.15	9.22	9.17	9.19	9.08	8.99	8.92
135.0	11.46	11.45	11.46	11.42	11.44	11.33	11.33	11.20	11.09	10.99
137.5	13.73	13.66	13.71	13.69	13.66	13.48	13.47	13.31	13.19	13.05
140.0	17.76	17.75	17.87	17.71	17.74	17.48	17.36	17.09	16.85	16.59
142.5	21.80	21.85	22.02	21.73	21.83	21.48	21.25	20.87	20.52	20.14
145.0	29.29	29.49	29.65	29.36	29.24	28.95	28.51	28.08	27.60	27.06
147.5	37.88	38.22	38.35	38.05	37.71	37.44	36.86	36.37	35.64	35.04
150.0	50.89	51.29	51.32	50.94	50.37	50.00	49.56	49.00	47.48	47.22
152.5	67.97	68.21	68.17	67.63	66.61	66.78	66.01	65.08	63.50	62.99
155.0	89.36	89.39	89.18	88.37	87.06	87.72	86.41	85.26	83.81	82.71
157.5	117.18	117.36	116.57	115.16	114.72	114.09	112.57	112.57	110.09	108.73
160.0	154.32	155.02	154.54	152.82	151.89	151.28	150.28	147.90	146.64	144.65
162.5	196.76	196.88	196.38	194.15	192.46	191.99	191.42	190.11	187.59	183.48
165.0	243.34	242.44	241.88	242.26	241.51	239.47	236.99	234.75	232.12	230.79
167.5	295.83	295.82	295.61	294.87	293.89	291.93	289.78	287.06	286.25	286.09
170.0	344.09	344.39	344.67	344.21	343.75	342.16	340.29	338.68	336.93	336.14
172.5	393.77	393.89	393.68	392.93	391.94	390.99	389.28	387.65	386.21	384.53
175.0	436.46	436.18	435.52	435.00	433.93	433.63	433.07	432.69	431.29	430.00

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

177.5	462.19	462.33	462.24	462.19	461.60	461.04	460.48	459.72	459.18	458.38
180.0	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00

Vert. Horizontal Angles
Angles

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.37	0.37	0.39	0.37	0.38	0.38	0.38	0.38	0.38	0.38
95.0	0.37	0.37	0.40	0.37	0.38	0.38	0.38	0.38	0.38	0.38
97.5	0.42	0.41	0.43	0.40	0.41	0.41	0.41	0.41	0.41	0.41
100.0	0.47	0.46	0.46	0.44	0.44	0.44	0.43	0.43	0.43	0.43
102.5	0.53	0.50	0.49	0.47	0.46	0.46	0.45	0.45	0.45	0.45
105.0	0.58	0.54	0.52	0.51	0.49	0.49	0.47	0.47	0.47	0.47
107.5	0.96	0.90	0.85	0.82	0.77	0.75	0.73	0.71	0.71	0.71
110.0	1.35	1.26	1.18	1.13	1.06	1.01	0.98	0.95	0.95	0.95
112.5	1.73	1.62	1.51	1.44	1.34	1.28	1.23	1.19	1.19	1.19
115.0	2.11	1.97	1.83	1.75	1.62	1.54	1.49	1.43	1.43	1.43
117.5	2.86	2.73	2.58	2.47	2.34	2.23	2.17	2.11	2.11	2.11
120.0	3.62	3.48	3.32	3.20	3.06	2.93	2.85	2.80	2.80	2.80
122.5	4.37	4.23	4.06	3.92	3.77	3.62	3.53	3.48	3.48	3.48
125.0	5.12	4.98	4.80	4.65	4.49	4.31	4.21	4.16	4.16	4.16
127.5	6.35	6.23	6.07	5.91	5.75	5.59	5.48	5.40	5.41	5.40
130.0	7.59	7.48	7.34	7.17	7.02	6.86	6.75	6.64	6.66	6.64
132.5	8.82	8.73	8.61	8.44	8.28	8.14	8.02	7.88	7.91	7.88
135.0	10.88	10.72	10.55	10.42	10.22	10.09	9.92	9.81	9.77	9.76
137.5	12.94	12.70	12.49	12.40	12.16	12.03	11.82	11.74	11.63	11.65
140.0	16.33	16.07	15.85	15.75	15.51	15.38	15.15	15.03	14.84	14.92
142.5	19.72	19.44	19.21	19.09	18.86	18.72	18.48	18.32	18.04	18.18
145.0	26.74	26.21	25.90	25.53	25.08	24.86	24.87	24.46	24.15	24.05
147.5	34.71	34.01	33.50	32.91	32.25	32.01	32.11	31.54	31.15	30.81
150.0	46.46	45.94	44.80	44.03	43.25	43.15	42.73	42.34	41.68	41.10
152.5	62.01	61.23	59.63	59.27	58.08	57.84	56.87	56.69	55.84	55.35
155.0	81.64	80.20	78.41	78.56	76.83	76.30	75.10	74.91	73.91	73.62
157.5	107.47	104.92	103.63	103.14	100.96	100.42	100.37	99.23	97.90	97.40
160.0	142.34	140.52	138.78	137.20	136.31	134.62	133.77	133.55	132.12	131.26
162.5	181.70	181.17	179.05	177.78	176.72	174.94	172.72	172.59	171.31	170.87
165.0	229.58	226.75	224.43	223.73	222.00	219.09	217.85	217.27	215.96	214.42
167.5	284.32	283.12	280.63	279.22	276.99	273.82	273.16	272.05	270.05	268.74

IES ROAD REPORT
PHOTOMETRIC FILENAME : L062012402.IES

CANDELA TABULATION - (Cont.)

170.0	335.64	334.26	332.88	330.85	327.83	325.62	324.19	322.72	322.02	322.17
172.5	383.47	381.99	380.83	379.67	378.63	377.65	376.05	375.01	374.69	373.96
175.0	428.92	428.25	427.35	425.15	423.15	421.62	420.85	420.24	419.19	418.74
177.5	457.31	456.18	455.28	454.59	453.79	453.35	452.49	452.04	451.58	451.46
180.0	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00

Vert. Horizontal Angles
Angles

	100	105	110	115	120	125	130	135	140	145
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.37	0.39	0.38
95.0	0.38	0.38	0.38	0.38	0.38	0.40	0.40	0.37	0.40	0.38
97.5	0.41	0.41	0.41	0.41	0.40	0.41	0.40	0.38	0.40	0.39
100.0	0.43	0.43	0.43	0.43	0.42	0.41	0.40	0.39	0.40	0.39
102.5	0.45	0.45	0.45	0.45	0.44	0.42	0.40	0.39	0.40	0.40
105.0	0.47	0.47	0.47	0.47	0.45	0.42	0.40	0.40	0.40	0.40
107.5	0.73	0.74	0.74	0.73	0.63	0.52	0.43	0.41	0.40	0.40
110.0	0.98	1.01	1.01	0.98	0.80	0.61	0.45	0.41	0.40	0.40
112.5	1.23	1.27	1.27	1.23	0.98	0.71	0.48	0.42	0.40	0.40
115.0	1.49	1.54	1.54	1.49	1.15	0.80	0.51	0.42	0.40	0.40
117.5	2.17	2.22	2.23	2.14	1.74	1.26	0.81	0.58	0.47	0.42
120.0	2.85	2.91	2.93	2.80	2.33	1.71	1.12	0.74	0.53	0.45
122.5	3.53	3.59	3.62	3.46	2.92	2.17	1.42	0.90	0.60	0.47
125.0	4.21	4.28	4.31	4.12	3.51	2.62	1.73	1.07	0.66	0.49
127.5	5.46	5.50	5.53	5.41	4.88	4.13	3.19	2.38	1.75	1.29
130.0	6.70	6.72	6.75	6.70	6.26	5.64	4.65	3.70	2.84	2.09
132.5	7.95	7.95	7.96	7.98	7.63	7.14	6.11	5.01	3.93	2.88
135.0	9.75	9.76	9.76	9.75	9.52	9.19	8.44	7.44	6.37	5.31
137.5	11.56	11.58	11.56	11.51	11.40	11.23	10.76	9.87	8.80	7.74
140.0	14.88	14.81	14.80	14.72	14.57	14.47	14.18	13.65	12.90	11.98
142.5	18.20	18.04	18.04	17.94	17.73	17.71	17.60	17.43	16.99	16.22
145.0	23.88	23.82	23.61	23.60	23.39	23.41	23.32	23.13	22.95	22.39
147.5	30.51	30.53	30.11	30.17	30.00	29.97	29.93	29.72	29.80	29.43
150.0	40.91	40.91	40.34	40.36	40.36	39.94	40.11	39.80	40.21	40.03
152.5	54.74	54.83	54.25	54.36	54.31	53.68	53.78	53.45	54.14	53.90
155.0	72.46	72.59	72.17	72.28	72.23	71.51	71.26	70.90	71.76	71.41
157.5	96.63	96.23	96.33	95.67	96.38	95.67	94.71	94.01	94.80	94.81
160.0	129.65	129.15	129.62	128.46	128.75	128.50	127.12	127.57	127.57	127.40

IES ROAD REPORT
PHOTOMETRIC FILENAME : L062012402.IES

CANDELA TABULATION - (Cont.)

162.5	169.07	168.77	168.35	166.73	166.37	167.61	166.04	166.07	166.65	166.71
165.0	213.39	212.80	212.14	211.65	210.25	210.36	210.16	209.46	209.17	209.10
167.5	267.65	267.11	266.22	264.95	264.64	265.07	264.38	263.07	262.60	261.78
170.0	321.61	321.26	319.39	317.71	317.36	317.19	317.03	315.99	315.85	315.24
172.5	373.82	372.43	370.81	369.28	368.36	367.70	367.62	368.06	367.75	367.55
175.0	418.33	417.78	417.23	416.01	414.34	413.79	413.29	413.11	412.36	410.81
177.5	451.17	450.68	450.07	448.91	448.23	447.61	446.95	446.21	445.79	445.22
180.0	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00	470.00

Vert. Horizontal Angles

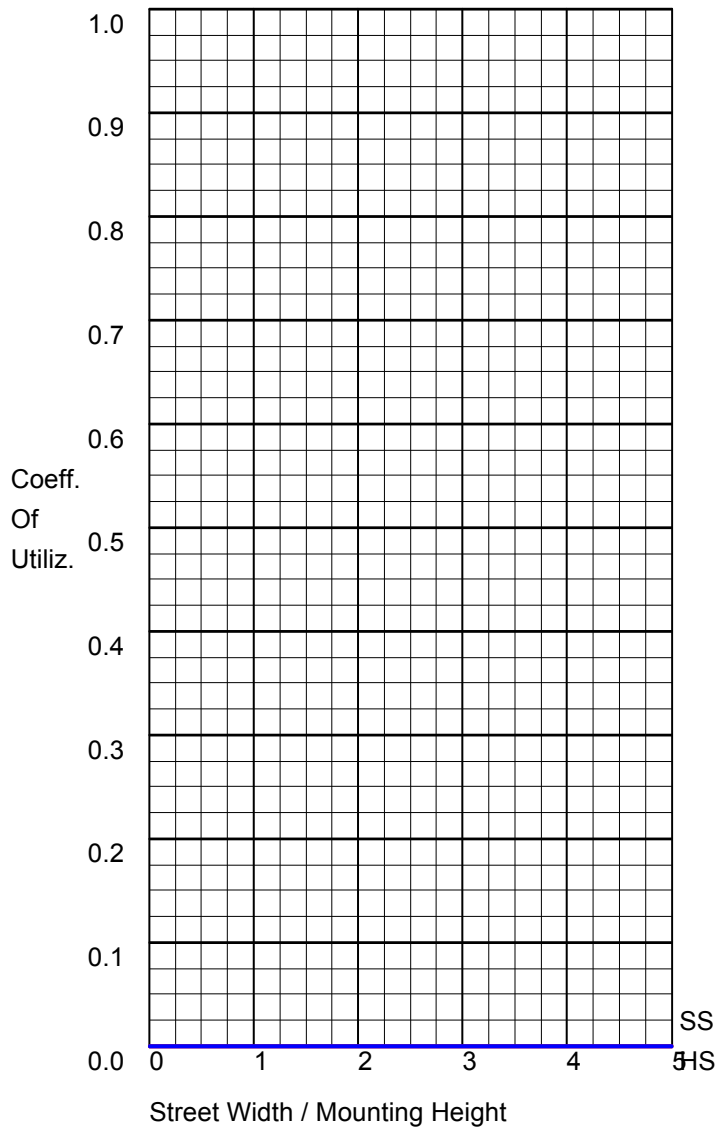
Angles	150	155	160	165	170	175	180
0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.39	0.38	0.38	0.38	0.38	0.38	0.38
95.0	0.38	0.38	0.38	0.38	0.38	0.38	0.38
97.5	0.39	0.38	0.38	0.38	0.38	0.38	0.38
100.0	0.39	0.38	0.38	0.38	0.38	0.38	0.38
102.5	0.40	0.38	0.38	0.38	0.38	0.38	0.38
105.0	0.40	0.38	0.38	0.38	0.38	0.38	0.38
107.5	0.40	0.39	0.39	0.39	0.39	0.39	0.39
110.0	0.40	0.39	0.40	0.40	0.40	0.40	0.40
112.5	0.40	0.40	0.41	0.41	0.41	0.41	0.41
115.0	0.40	0.40	0.42	0.42	0.42	0.42	0.42
117.5	0.42	0.41	0.42	0.42	0.42	0.42	0.42
120.0	0.43	0.42	0.43	0.43	0.42	0.42	0.42
122.5	0.44	0.43	0.43	0.43	0.42	0.42	0.42
125.0	0.45	0.44	0.44	0.44	0.42	0.42	0.42
127.5	1.03	0.84	0.70	0.61	0.55	0.53	0.52
130.0	1.61	1.24	0.96	0.77	0.69	0.64	0.63
132.5	2.18	1.64	1.22	0.94	0.82	0.75	0.73
135.0	4.44	3.67	3.07	2.59	2.34	2.20	2.15
137.5	6.69	5.69	4.93	4.23	3.86	3.65	3.56
140.0	10.77	9.81	9.07	8.32	7.91	7.65	7.56
142.5	14.85	13.92	13.20	12.42	11.96	11.65	11.56
145.0	21.73	21.02	20.32	19.60	19.27	18.87	18.70
147.5	29.37	28.94	28.28	27.67	27.41	27.06	26.87
150.0	39.99	40.12	39.68	39.34	38.91	39.13	39.16
152.5	53.85	54.27	54.17	53.82	53.54	53.55	54.11

IES ROAD REPORT
PHOTOMETRIC FILENAME : L062012402.IES

CANDELA TABULATION - (Cont.)

155.0	71.36	71.78	72.00	71.70	71.53	71.05	72.13
157.5	94.83	94.74	94.97	95.67	94.57	94.66	95.35
160.0	127.05	127.12	127.90	127.64	127.42	127.14	127.26
162.5	166.20	165.65	165.47	165.46	164.78	165.35	166.47
165.0	209.22	208.12	207.75	207.42	207.68	207.84	208.49
167.5	261.08	261.95	262.39	261.86	261.02	259.87	260.12
170.0	313.84	313.08	313.02	313.33	313.44	312.81	312.54
172.5	366.58	365.23	364.07	364.11	364.09	364.09	363.46
175.0	410.25	410.44	410.49	410.49	410.06	409.64	409.46
177.5	444.63	444.09	443.61	443.01	442.62	442.51	442.43
180.0	470.00	470.00	470.00	470.00	470.00	470.00	470.00

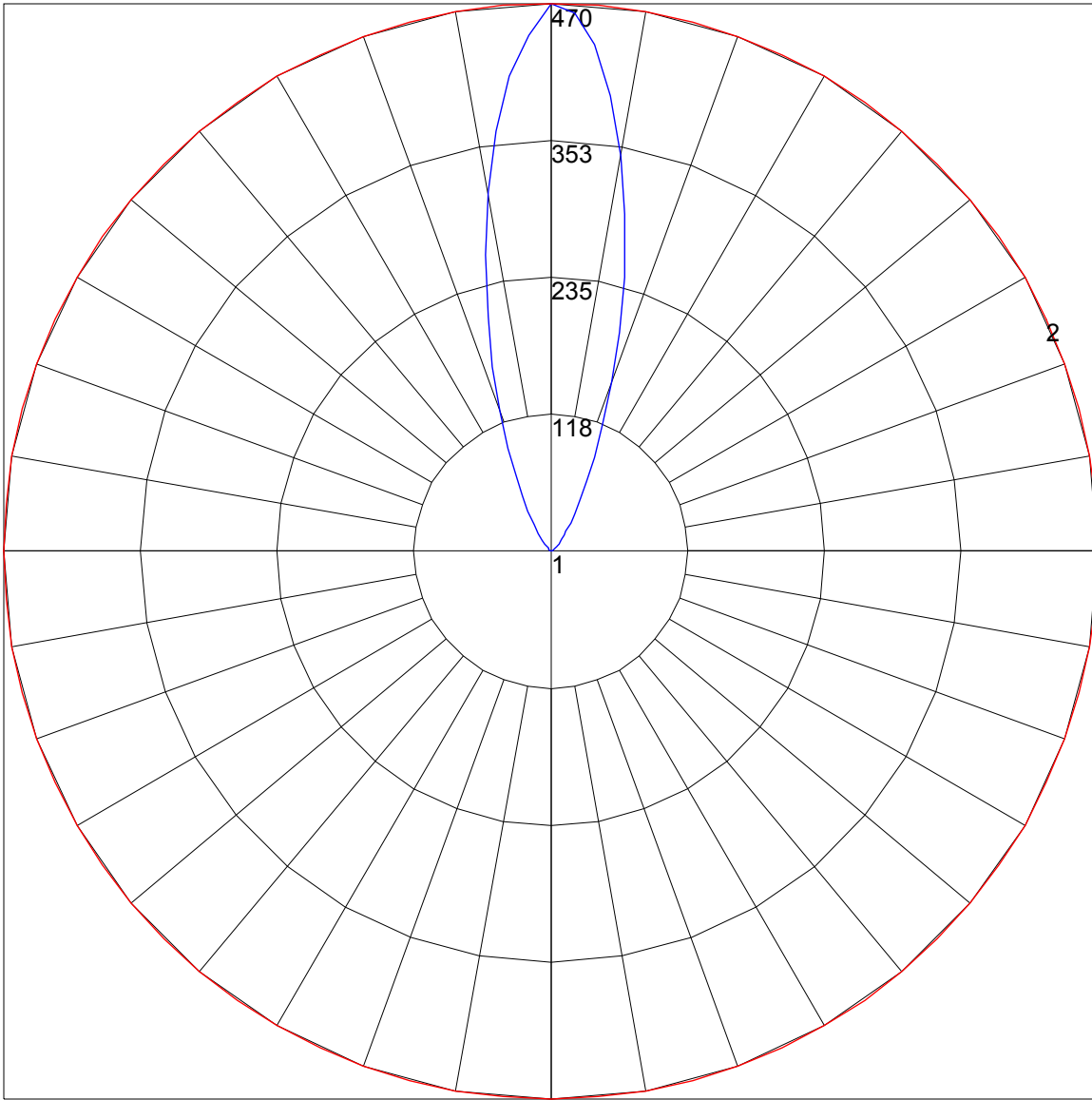
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

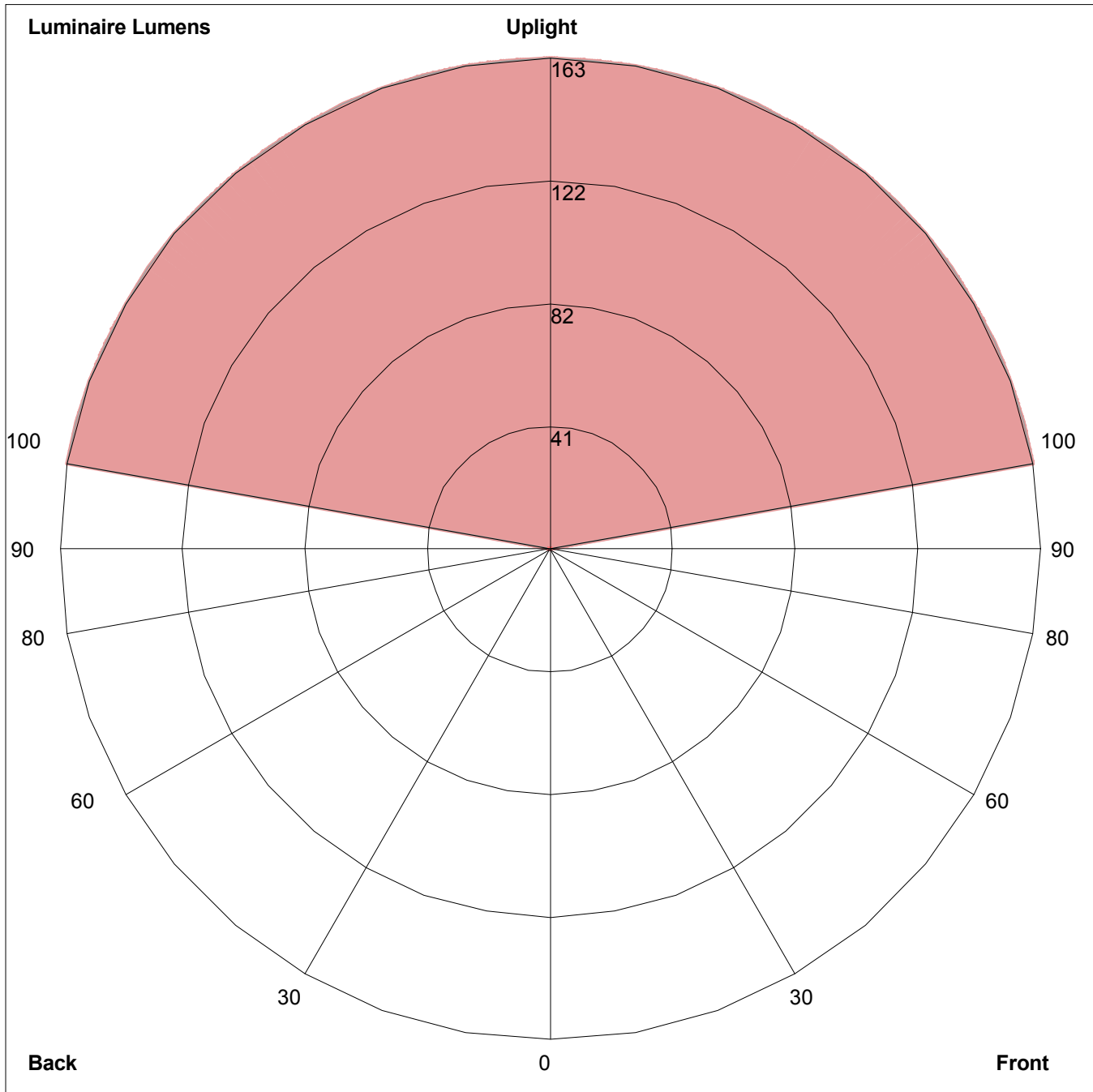
	Lumens	Percent Of Luminaire
Downward Street Side	0.0	0.0
Downward House Side	0.0	0.0
Downward Total	0.0	0.0
Upward Street Side	87.3	53.4
Upward House Side	76.3	46.6
Upward Total	163.6	100.0
Total Flux	163.6	100.0

POLAR GRAPH



Maximum Candela = 470 Located At Horizontal Angle = 180, Vertical Angle = 180
1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (180) (Through Max. Cd.)

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=0.0, Medium=0.0, High=0.0, Very High=0.0
Back: Low=0.0, Medium=0.0, High=0.0, Very High=0.0
Uplight: Low=0.4, High=163.2

BUG Rating : B0-U3-G0