



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

# Photometric Test Report

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : L061805905.IES**

## DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] L061805905  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 7/6/2018  
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
 [LUMCAT] 1502-AB-30  
 [LUMINAIRE] Steplight, border door, clear lens, 3 LED, vertical orientation  
 [BALLASTCAT] GE LIGHTTECH GELD6DMV500SL  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
 [INPUT] 120VAC, 6.48W  
 [TEST PROCEDURE] IESNA:LM-79-08

## CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	273
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	42
Total Luminaire Watts	6.48
Ballast Factor	1.00
Upward Waste Light Ratio	0.06
Maximum Candela	311.51
Maximum Candela Angle	0H 45V
Maximum Candela (<90 Degrees Vertical)	311.51
Maximum Candela Angle (<90 Degrees Vertical)	0H 45V
Maximum Candela At 90 Degrees Vertical	34.67 (12.7% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	168.08 (61.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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**LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	3.3	N.A.	1.2
FM - Front-Medium (30-60)	134.2	N.A.	49.3
FH - Front-High (60-80)	88.1	N.A.	32.3
FVH - Front-Very High (80-90)	31.6	N.A.	11.6
BL - Back-Low (0-30)	< 0.05	N.A.	0.0
BM - Back-Medium (30-60)	0.0	N.A.	0.0
BH - Back-High (60-80)	0.0	N.A.	0.0
BVH - Back-Very High (80-90)	0.0	N.A.	0.0
UL - Uplight-Low (90-100)	5.9	N.A.	2.2
UH - Uplight-High (100-180)	9.4	N.A.	3.4
<b>Total</b>	<b>272.5</b>	<b>N.A.</b>	<b>100.0</b>
<b>BUG Rating</b>	<b>B0-U1-G1</b>		

**ZONAL LUMEN SUMMARY**

Zone	%
0-20	0.1
0-30	1.2
0-40	10.2
0-60	50.5
0-80	82.8
0-90	94.4
10-90	94.4
20-40	10.1
20-50	30.1
40-70	56.4
60-80	32.3
70-80	16.2
80-90	11.6
90-110	3.4
90-120	4.2
90-130	4.8
90-150	5.4
90-180	5.6
110-180	2.2
0-180	100

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**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>
<b>0.0</b>	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
<b>2.5</b>	0.38	0.38	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.36
<b>5.0</b>	0.45	0.45	0.45	0.45	0.45	0.44	0.44	0.43	0.43	0.42
<b>7.5</b>	0.69	0.69	0.69	0.68	0.66	0.64	0.61	0.58	0.54	0.50
<b>10.0</b>	0.93	0.94	0.93	0.92	0.90	0.87	0.83	0.79	0.74	0.69
<b>12.5</b>	1.38	1.39	1.36	1.33	1.28	1.21	1.13	1.03	0.95	0.88
<b>15.0</b>	2.07	2.08	2.03	1.96	1.86	1.75	1.60	1.44	1.30	1.15
<b>17.5</b>	2.94	2.95	2.87	2.76	2.63	2.47	2.25	2.05	1.83	1.58
<b>20.0</b>	4.22	4.24	4.09	3.92	3.71	3.41	3.07	2.83	2.50	2.18
<b>22.5</b>	7.61	7.78	7.42	7.06	6.38	5.12	4.32	3.85	3.36	2.91
<b>25.0</b>	35.50	34.79	31.77	26.80	19.60	10.73	9.09	5.85	4.53	3.81
<b>27.5</b>	59.43	58.63	55.79	51.73	45.34	36.92	25.26	14.34	8.91	5.06
<b>30.0</b>	100.25	99.34	94.86	87.39	74.05	60.12	49.26	35.48	20.00	10.72
<b>32.5</b>	174.65	171.10	160.39	144.20	124.25	103.18	76.13	58.34	40.63	23.32
<b>35.0</b>	204.48	203.16	198.70	191.52	182.20	156.49	130.52	93.37	65.58	41.41
<b>37.5</b>	230.06	228.47	223.87	216.64	207.35	193.98	173.15	150.11	102.24	64.77
<b>40.0</b>	252.29	251.09	247.62	240.15	227.33	215.58	199.56	178.04	148.56	100.96
<b>42.5</b>	301.52	298.34	288.34	272.46	257.46	235.53	219.20	198.37	175.08	133.21
<b>45.0</b>	311.51	309.66	305.93	303.14	289.00	276.40	243.35	216.43	191.67	164.60
<b>47.5</b>	292.74	291.27	290.38	292.75	291.04	289.26	278.75	247.09	208.09	175.60
<b>50.0</b>	252.53	253.15	256.33	260.09	265.62	272.91	276.43	266.04	235.06	192.53
<b>52.5</b>	219.41	219.89	221.27	223.96	230.18	241.76	251.52	256.57	253.77	215.23
<b>55.0</b>	183.50	184.61	188.42	191.04	197.59	208.29	218.75	228.24	232.97	225.34
<b>57.5</b>	170.76	170.15	167.42	164.59	165.62	176.39	187.71	197.49	205.01	195.22
<b>60.0</b>	158.02	159.16	159.57	156.85	154.23	157.13	160.45	164.48	173.59	176.65
<b>62.5</b>	159.89	159.23	156.47	154.57	152.09	150.93	147.47	144.95	143.14	135.39
<b>65.0</b>	161.75	161.30	158.94	155.43	153.20	150.40	145.21	136.92	128.77	114.01
<b>67.5</b>	163.72	162.98	161.24	157.72	155.21	151.63	145.21	135.21	124.11	101.15
<b>70.0</b>	165.69	164.39	161.79	159.00	155.99	152.56	145.57	134.79	122.25	102.59
<b>72.5</b>	166.40	165.05	161.94	159.15	155.97	152.81	144.98	134.36	121.13	105.35
<b>75.0</b>	167.11	165.43	162.62	159.68	155.93	152.21	144.20	133.03	120.49	104.78
<b>77.5</b>	167.59	165.53	163.56	160.46	156.66	152.06	143.80	132.66	119.72	104.70
<b>80.0</b>	168.08	165.03	162.12	159.76	156.34	151.46	143.03	132.20	119.27	101.64
<b>82.5</b>	144.14	150.96	149.70	149.91	147.17	147.15	137.38	118.18	101.17	90.45
<b>85.0</b>	120.20	117.25	118.79	115.59	104.32	112.85	99.85	93.09	86.51	83.02
<b>87.5</b>	73.13	71.83	71.76	71.25	70.97	73.07	69.70	72.25	68.53	65.46
<b>90.0</b>	26.05	26.78	28.62	28.52	31.60	31.99	33.52	34.67	31.55	32.91
<b>92.5</b>	17.47	11.15	14.32	15.40	16.10	15.58	15.62	17.74	18.34	19.93
<b>95.0</b>	8.88	9.16	9.33	9.75	10.86	13.39	14.80	14.62	14.16	14.30
<b>97.5</b>	8.16	8.26	8.44	8.74	9.25	9.61	9.99	11.32	12.18	13.34
<b>100.0</b>	7.43	7.65	7.70	7.98	8.44	8.86	8.89	8.73	8.51	9.33
<b>102.5</b>	7.21	7.28	7.39	7.58	8.21	8.81	8.55	8.13	7.91	7.81
<b>105.0</b>	6.98	7.12	7.55	7.68	8.47	9.00	8.76	7.80	7.43	7.33
<b>107.5</b>	6.88	7.19	7.78	7.58	8.26	8.58	8.44	7.63	6.99	6.94
<b>110.0</b>	6.78	7.09	7.07	6.95	7.57	7.79	7.69	7.02	6.58	6.50
<b>112.5</b>	6.59	6.65	6.37	6.60	7.01	7.15	7.25	6.58	6.23	6.11
<b>115.0</b>	6.40	6.22	5.94	6.37	6.49	6.62	6.58	6.19	5.86	5.76
<b>117.5</b>	5.60	5.53	5.45	5.82	5.77	5.82	5.83	5.66	5.51	5.41
<b>120.0</b>	4.81	4.86	4.96	5.13	5.12	5.25	5.31	5.24	5.19	5.06
<b>122.5</b>	4.49	4.53	4.57	4.63	4.79	4.90	4.95	4.94	4.89	4.74
<b>125.0</b>	4.18	4.22	4.27	4.37	4.51	4.63	4.68	4.67	4.59	4.42
<b>127.5</b>	3.98	4.00	4.04	4.13	4.27	4.39	4.43	4.40	4.27	4.07
<b>130.0</b>	3.77	3.80	3.84	3.92	4.04	4.14	4.19	4.10	3.95	3.71

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**CANDELA TABULATION - (Cont.)**

132.5	3.60	3.60	3.62	3.69	3.81	3.90	3.92	3.82	3.62	3.43
135.0	3.42	3.41	3.42	3.51	3.60	3.67	3.65	3.50	3.33	3.14
137.5	3.25	3.24	3.25	3.29	3.34	3.36	3.33	3.20	3.06	2.90
140.0	3.04	3.03	3.01	3.01	3.02	3.02	2.99	2.91	2.82	2.69
142.5	2.73	2.71	2.70	2.68	2.69	2.73	2.72	2.68	2.61	2.48
145.0	2.42	2.42	2.41	2.40	2.45	2.48	2.49	2.45	2.40	2.27
147.5	2.18	2.19	2.19	2.19	2.22	2.24	2.25	2.22	2.18	2.06
150.0	2.01	2.01	2.00	2.02	2.04	2.05	2.05	2.02	1.97	1.86
152.5	1.83	1.84	1.84	1.85	1.85	1.86	1.85	1.82	1.77	1.69
155.0	1.69	1.69	1.67	1.68	1.68	1.68	1.68	1.66	1.61	1.55
157.5	1.52	1.54	1.53	1.53	1.54	1.55	1.54	1.51	1.48	1.43
160.0	1.38	1.40	1.40	1.40	1.41	1.41	1.39	1.37	1.34	1.33
162.5	1.31	1.32	1.31	1.29	1.28	1.27	1.25	1.25	1.26	1.26
165.0	1.18	1.18	1.17	1.16	1.16	1.17	1.18	1.19	1.21	1.22
167.5	1.11	1.11	1.11	1.12	1.13	1.14	1.16	1.17	1.14	1.07
170.0	1.11	1.11	1.10	1.09	1.07	1.05	1.02	0.98	0.93	0.88
172.5	0.88	0.88	0.88	0.87	0.85	0.83	0.81	0.78	0.74	0.70
175.0	0.66	0.66	0.66	0.65	0.65	0.64	0.63	0.62	0.60	0.59
177.5	0.52	0.52	0.52	0.52	0.51	0.51	0.50	0.50	0.49	0.48
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal 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	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
2.5	0.36	0.35	0.35	0.34	0.34	0.33	0.32	0.32	0.00	0.00
5.0	0.41	0.40	0.39	0.38	0.36	0.35	0.34	0.33	0.00	0.00
7.5	0.46	0.45	0.43	0.42	0.40	0.38	0.36	0.34	0.00	0.00
10.0	0.62	0.55	0.48	0.46	0.43	0.41	0.38	0.36	0.00	0.00
12.5	0.80	0.72	0.62	0.52	0.47	0.44	0.41	0.38	0.00	0.00
15.0	1.02	0.91	0.79	0.66	0.51	0.47	0.43	0.40	0.00	0.00
17.5	1.37	1.14	0.99	0.82	0.64	0.51	0.46	0.42	0.00	0.00
20.0	1.83	1.53	1.21	1.02	0.80	0.56	0.50	0.44	0.00	0.00
22.5	2.45	2.00	1.59	1.23	0.97	0.68	0.53	0.47	0.00	0.00
25.0	3.19	2.58	2.02	1.51	1.16	0.82	0.57	0.50	0.00	0.00
27.5	4.08	3.27	2.54	1.89	1.37	0.97	0.61	0.52	0.00	0.00
30.0	5.58	4.12	3.14	2.28	1.58	1.13	0.65	0.54	0.00	0.00
32.5	9.43	5.55	3.83	2.76	1.89	1.29	0.75	0.58	0.00	0.00
35.0	22.83	8.97	4.68	3.29	2.23	1.47	0.86	0.61	0.00	0.00
37.5	37.77	17.12	6.41	3.86	2.59	1.66	0.97	0.63	0.00	0.00
40.0	51.89	28.07	11.03	4.53	2.97	1.86	1.09	0.66	0.00	0.00
42.5	73.92	37.00	12.98	5.15	3.43	2.08	1.22	0.68	0.00	0.00
45.0	103.70	53.39	16.68	5.78	3.93	2.35	1.34	0.71	0.00	0.00
47.5	126.53	62.88	18.90	6.62	4.44	2.67	1.47	0.73	0.00	0.00
50.0	132.92	71.03	18.74	7.27	4.98	3.01	1.61	0.75	0.00	0.00
52.5	141.47	75.36	22.35	7.80	5.55	3.37	1.77	0.77	0.00	0.00
55.0	151.73	75.57	23.87	8.56	6.11	3.74	1.94	0.80	0.00	0.00
57.5	139.73	78.64	23.13	9.15	6.64	4.12	2.09	0.83	0.00	0.00
60.0	126.71	68.62	24.36	9.81	7.16	4.51	2.24	0.86	0.00	0.00
62.5	109.72	62.20	25.14	10.46	7.67	4.85	2.38	0.87	0.00	0.00
65.0	84.97	46.13	23.29	11.13	8.14	5.16	2.52	0.89	0.00	0.00
67.5	67.05	30.72	18.15	12.05	8.51	5.40	2.61	0.91	0.00	0.00
70.0	57.20	19.06	16.67	12.01	8.75	5.59	2.70	0.93	0.00	0.00
72.5	58.92	19.91	16.24	11.60	8.85	5.72	2.75	0.95	0.00	0.00
75.0	59.91	18.72	14.28	11.40	8.82	5.81	2.79	0.97	0.00	0.00
77.5	59.19	16.71	12.78	11.20	8.73	5.83	2.81	0.98	0.00	0.00

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**CANDELA TABULATION - (Cont.)**

80.0	58.06	16.09	12.66	11.01	8.61	5.81	2.83	0.99	0.00	0.00
82.5	57.08	15.48	12.35	10.78	8.43	5.74	2.86	1.00	0.00	0.00
85.0	55.81	15.33	11.83	10.51	8.24	5.68	2.84	1.02	0.00	0.00
87.5	46.23	13.74	11.06	9.93	7.84	5.45	2.79	1.03	0.00	0.00
90.0	27.90	11.13	10.16	9.23	7.42	5.22	2.75	1.04	0.00	0.00
92.5	18.76	10.04	9.35	8.49	6.97	4.97	2.67	1.03	0.00	0.00
95.0	13.67	9.11	8.58	7.75	6.51	4.72	2.59	1.02	0.00	0.00
97.5	12.72	8.50	7.99	7.17	5.95	4.36	2.49	1.02	0.00	0.00
100.0	9.56	7.92	7.42	6.62	5.46	4.04	2.35	1.02	0.00	0.00
102.5	7.68	7.34	6.87	6.11	5.06	3.76	2.23	1.00	0.00	0.00
105.0	7.22	6.86	6.40	5.65	4.67	3.49	2.10	0.98	0.00	0.00
107.5	6.77	6.42	5.96	5.23	4.33	3.22	1.97	0.95	0.00	0.00
110.0	6.31	6.04	5.55	4.85	3.99	2.96	1.84	0.93	0.00	0.00
112.5	5.95	5.64	5.15	4.50	3.66	2.70	1.71	0.91	0.00	0.00
115.0	5.58	5.26	4.81	4.14	3.36	2.46	1.59	0.89	0.00	0.00
117.5	5.21	4.91	4.44	3.80	3.06	2.27	1.49	0.86	0.00	0.00
120.0	4.87	4.53	4.08	3.48	2.80	2.09	1.39	0.83	0.00	0.00
122.5	4.55	4.17	3.75	3.17	2.58	1.93	1.30	0.81	0.00	0.00
125.0	4.18	3.83	3.41	2.91	2.38	1.78	1.22	0.78	0.00	0.00
127.5	3.84	3.53	3.12	2.67	2.19	1.64	1.13	0.76	0.00	0.00
130.0	3.53	3.23	2.87	2.47	2.01	1.51	1.06	0.73	0.00	0.00
132.5	3.20	2.95	2.63	2.26	1.85	1.39	1.00	0.70	0.00	0.00
135.0	2.94	2.71	2.40	2.07	1.69	1.29	0.94	0.68	0.00	0.00
137.5	2.71	2.48	2.18	1.88	1.53	1.18	0.88	0.66	0.00	0.00
140.0	2.50	2.26	1.99	1.70	1.38	1.09	0.83	0.64	0.00	0.00
142.5	2.28	2.06	1.81	1.54	1.25	1.00	0.76	0.61	0.00	0.00
145.0	2.08	1.87	1.65	1.41	1.15	0.92	0.71	0.59	0.00	0.00
147.5	1.90	1.72	1.52	1.29	1.07	0.87	0.67	0.58	0.00	0.00
150.0	1.73	1.58	1.43	1.26	1.06	0.84	0.64	0.56	0.00	0.00
152.5	1.59	1.48	1.39	1.27	1.07	0.82	0.62	0.55	0.00	0.00
155.0	1.49	1.42	1.36	1.26	1.04	0.79	0.60	0.53	0.00	0.00
157.5	1.39	1.37	1.33	1.21	0.99	0.77	0.63	0.54	0.00	0.00
160.0	1.33	1.31	1.27	1.10	0.93	0.74	0.64	0.55	0.00	0.00
162.5	1.27	1.27	1.14	1.00	0.85	0.71	0.62	0.53	0.00	0.00
165.0	1.19	1.09	0.99	0.88	0.76	0.68	0.60	0.52	0.00	0.00
167.5	1.00	0.92	0.83	0.74	0.67	0.61	0.55	0.49	0.00	0.00
170.0	0.82	0.76	0.69	0.65	0.60	0.56	0.51	0.46	0.00	0.00
172.5	0.67	0.64	0.61	0.58	0.55	0.51	0.48	0.44	0.00	0.00
175.0	0.57	0.55	0.53	0.51	0.49	0.47	0.45	0.42	0.00	0.00
177.5	0.48	0.47	0.46	0.45	0.44	0.42	0.41	0.40	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0.0	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
2.5	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
7.5	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
12.5	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
17.5	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
22.5	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

IES ROAD REPORT  
PHOTOMETRIC FILENAME : L061805905.IES

CANDELA TABULATION - (Cont.)

27.5	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
32.5	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
37.5	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
42.5	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
47.5	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
52.5	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
57.5	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
62.5	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
67.5	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
72.5	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
77.5	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
82.5	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
87.5	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : L061805905.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<b>150</b>	<b>155</b>	<b>160</b>	<b>165</b>	<b>170</b>	<b>175</b>	<b>180</b>
<b>0.0</b>	0.31	0.31	0.31	0.31	0.31	0.31	0.31
<b>2.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>5.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>7.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>10.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>12.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>15.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>17.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>20.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>22.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>25.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>27.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>30.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>32.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>35.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>37.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>40.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>42.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>45.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>47.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>50.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>52.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>55.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>57.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>60.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>62.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>65.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>67.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>70.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>72.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>75.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>77.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>80.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>82.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>85.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>87.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

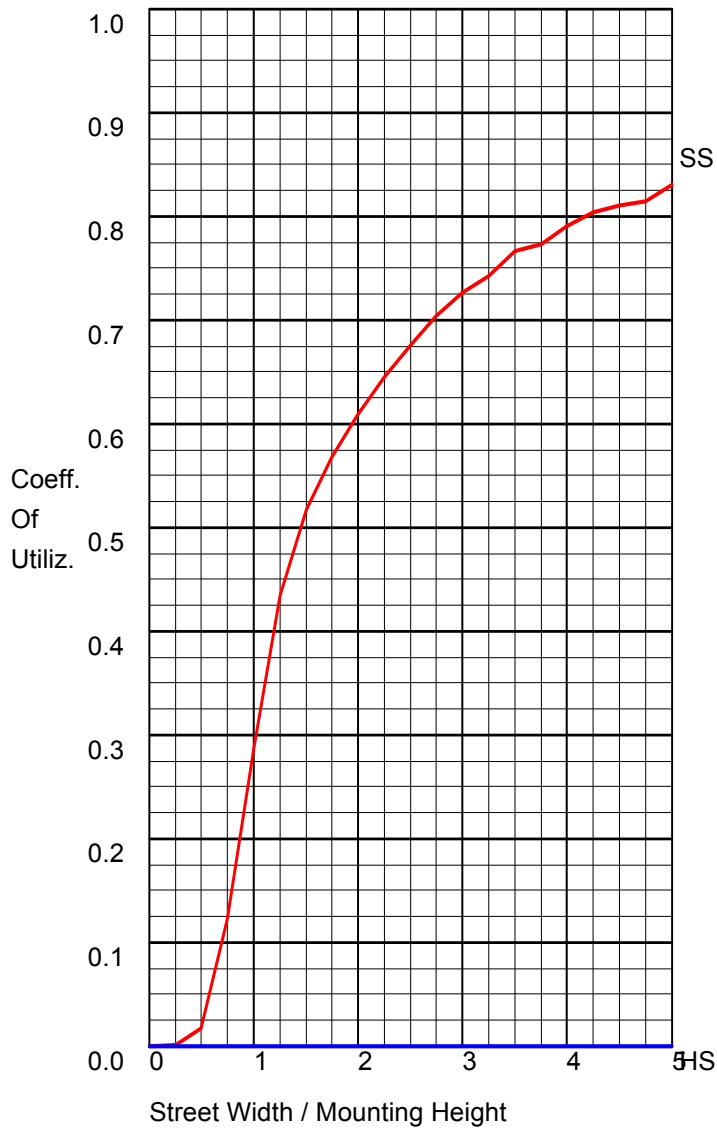
**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : L061805905.IES**

**CANDELA TABULATION - (Cont.)**

<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>137.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>140.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>142.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>145.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>152.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>155.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>157.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>160.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>162.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>165.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>167.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00



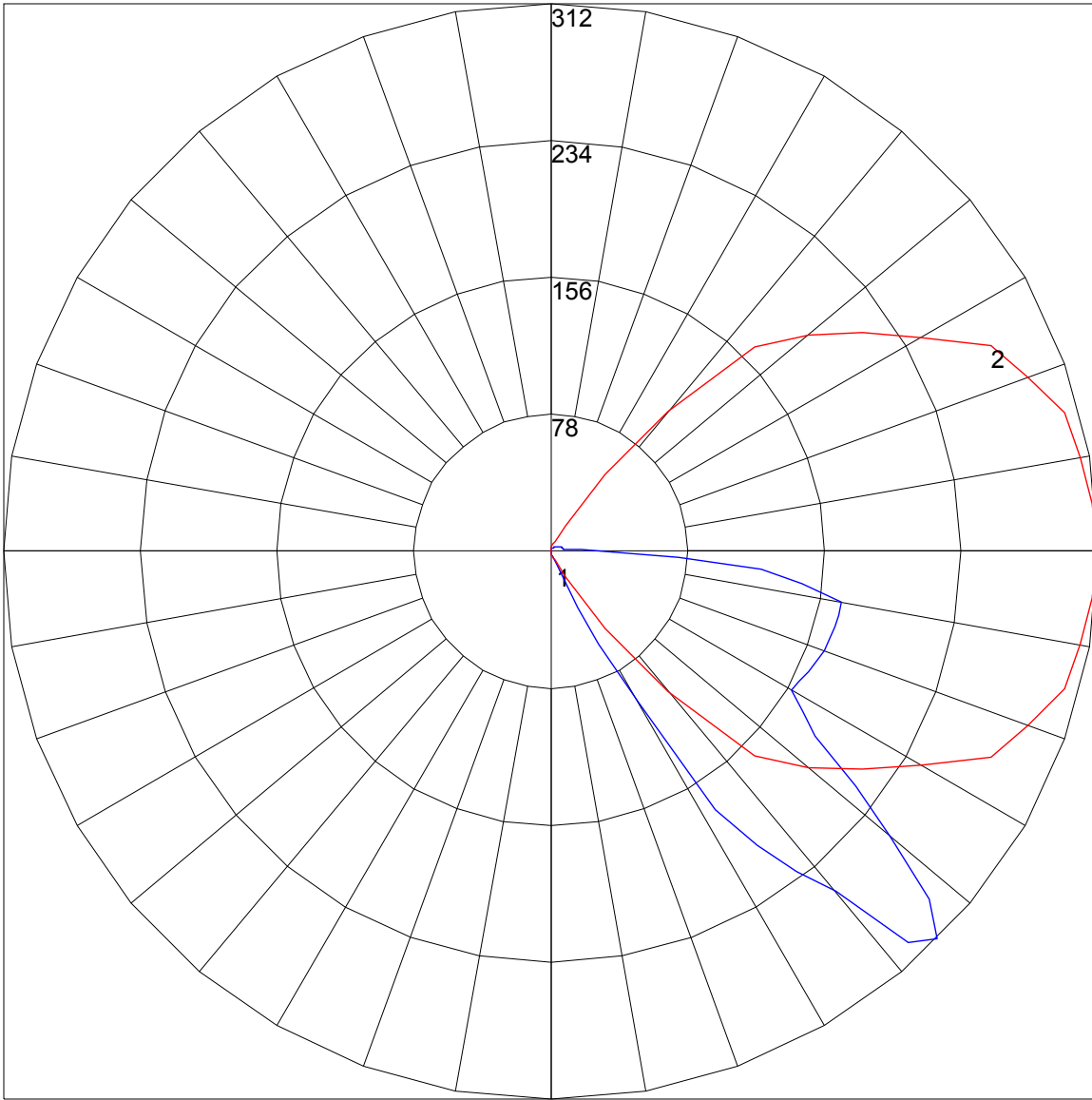
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

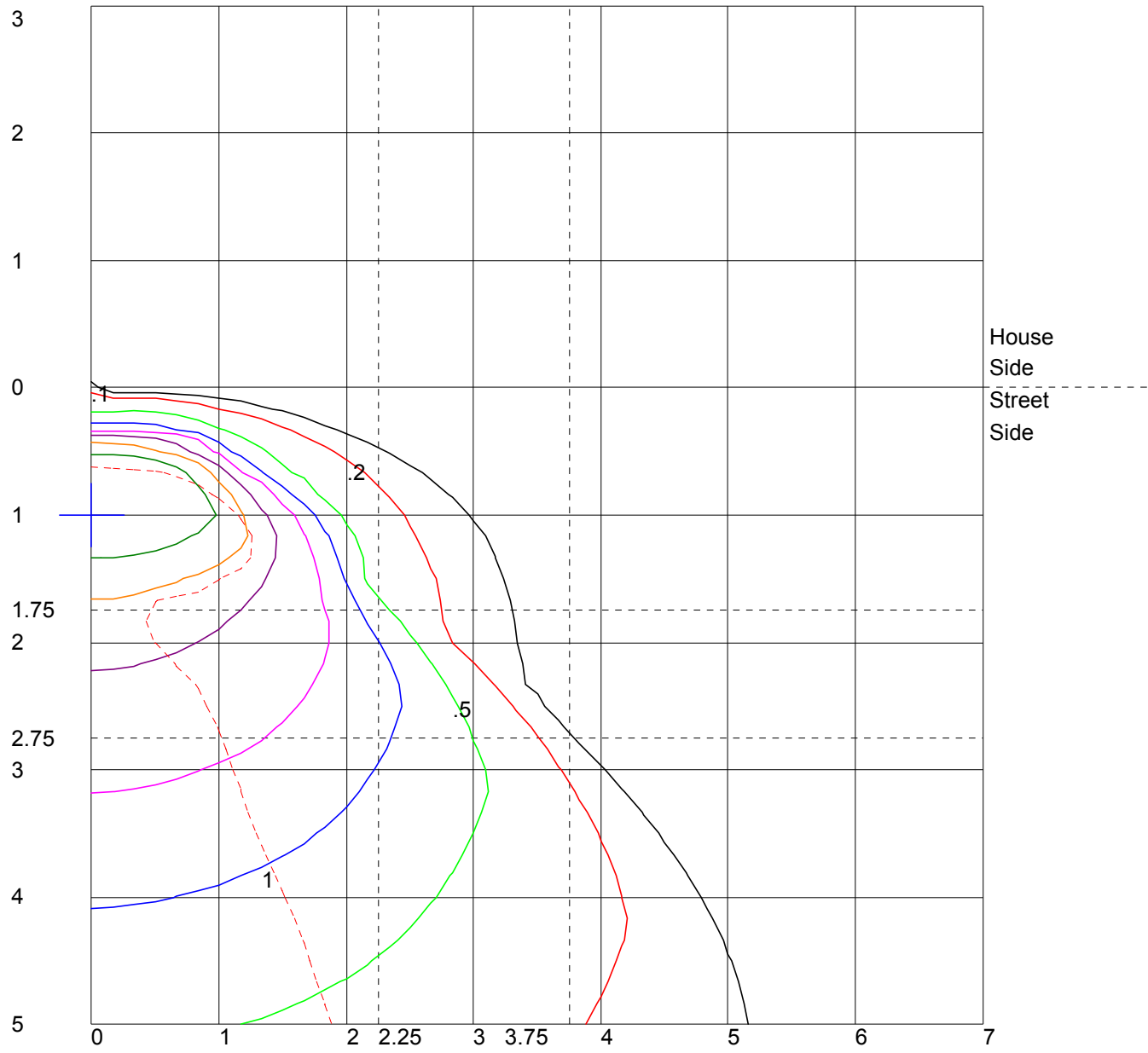
	Lumens	Percent Of Luminaire
Downward Street Side	257.3	94.4
Downward House Side	0.0	0.0
Downward Total	257.3	94.4
Upward Street Side	15.3	5.6
Upward House Side	0.0	0.0
Upward Total	15.3	5.6
<b>Total Flux</b>	<b>272.6</b>	<b>100.0</b>

POLAR GRAPH



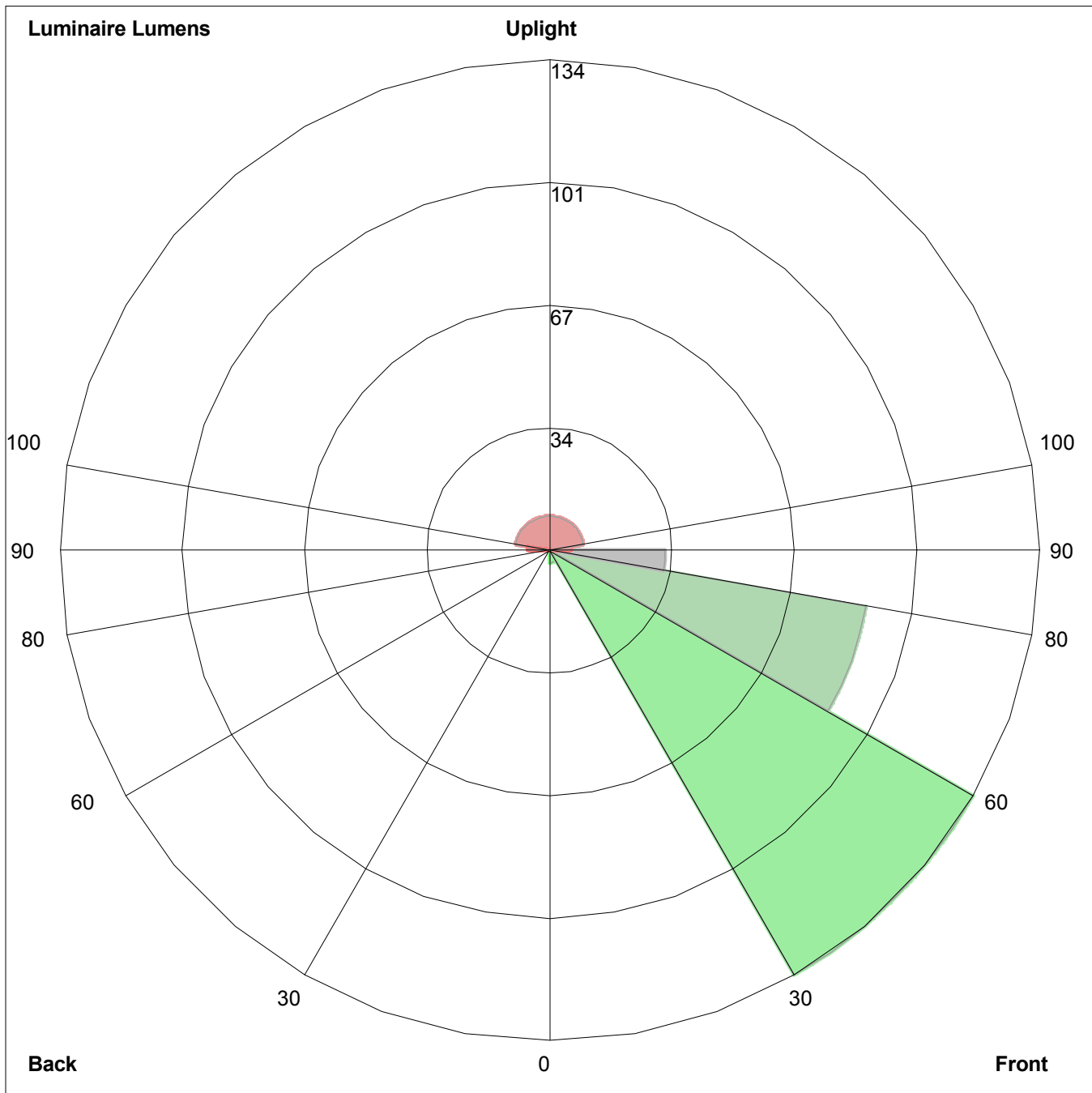
Maximum Candela = 311.51 Located At Horizontal Angle = 0, Vertical Angle = 45  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (45) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 1.5 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=3.3, Medium=134.2, High=88.1, Very High=31.6  
Back: Low=0.0, Medium=0.0, High=0.0, Very High=0.0  
Uplight: Low=5.9, High=9.4

BUG Rating : B0-U1-G1