



IES ROAD REPORT
PHOTOMETRIC FILENAME : LB-ALP140-40-T3.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[ISSUEDATE] 2018-3-28 13:57
[MANUFAC] LAMAR LIGHTING CO., INC
[LUMCAT] LB-ALP140-40 (4000K, TYPE III DIST)
[LAMP] LED 4000K
[LAMP]
[TESTLAB] Shenzhen Belling Test Laboratory
[TESTINST] GPM-3000
[TESTDIST] 17.398 m
[TESTTEMPERATURE] 22.2 °C
[TESTHUMIDITY]
[TESTOPERATOR]
[BALLAST]
[BALLASTCAT]

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Medium
Lumens Per Lamp	17175.9 (1 lamp)
Total Lamp Lumens	17175.9
Luminaire Lumens	17176
Downward Total Efficiency	100 %
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	139.46
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6476.61
Maximum Candela Angle	67.5H 73V
Maximum Candela (<90 Degrees Vertical)	6476.61
Maximum Candela Angle (<90 Degrees Vertical)	67.5H 73V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3576.87 (20.8% Lamp Lumens)
Cutoff Classification (deprecated)	Non-Cutoff

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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1928.9	11.2	11.2
FM - Front-Medium (30-60)	5518.5	32.1	32.1
FH - Front-High (60-80)	3381.9	19.7	19.7
FVH - Front-Very High (80-90)	241.4	1.4	1.4
BL - Back-Low (0-30)	1513.7	8.8	8.8
BM - Back-Medium (30-60)	3001.6	17.5	17.5
BH - Back-High (60-80)	1496.0	8.7	8.7
BVH - Back-Very High (80-90)	93.8	0.5	0.5
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	17175.8	99.9	100.0
BUG Rating	B3-U0-G3		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	4202.32	4202.32	4202.32	4202.32	4202.32	4202.32	4202.32	4202.32	4202.32	4202.32
1	4242.02	4243.38	4236.29	4220.15	4203.56	4187.75	4173.89	4157.75	4159.94	4163.27
2	4280.14	4280.54	4266.85	4236.74	4204.34	4173.61	4143.56	4116.89	4117.12	4122.54
3	4318.72	4317.58	4298.20	4254.01	4206.37	4158.14	4112.45	4074.91	4067.25	4081.04
4	4358.63	4352.39	4327.85	4270.05	4206.82	4143.46	4080.55	4031.35	4019.51	4037.75
5	4392.51	4386.42	4356.95	4286.08	4208.40	4127.32	4050.00	3988.02	3972.66	3994.57
6	4425.94	4418.99	4384.21	4302.45	4209.19	4111.08	4015.19	3944.02	3923.57	3946.15
7	4458.71	4451.46	4412.73	4320.05	4211.31	4092.50	3983.52	3894.20	3869.24	3900.74
8	4489.34	4480.92	4438.74	4336.98	4213.79	4076.03	3951.50	3848.41	3818.80	3854.21
9	4518.19	4509.26	4463.17	4354.47	4217.28	4059.34	3918.71	3801.61	3768.82	3807.57
10	4548.15	4535.71	4488.84	4371.85	4220.33	4042.54	3882.23	3754.37	3717.39	3760.04
11	4573.20	4561.37	4513.61	4388.67	4223.47	4025.85	3848.88	3708.12	3666.30	3713.41
12	4597.91	4583.79	4538.15	4404.70	4225.28	4010.27	3817.88	3662.44	3616.20	3663.75
13	4621.05	4608.12	4565.19	4422.65	4226.85	3993.36	3783.75	3610.72	3559.07	3617.78
14	4643.30	4628.42	4588.83	4440.25	4229.54	3977.56	3749.05	3561.68	3512.55	3569.70
15	4666.22	4648.73	4610.86	4459.54	4232.70	3960.54	3714.13	3513.76	3455.42	3522.61
16	4685.23	4667.59	4634.37	4479.72	4236.52	3943.41	3674.40	3466.51	3402.76	3474.64
17	4702.90	4684.21	4652.22	4498.67	4239.23	3925.71	3637.92	3419.82	3350.21	3422.98
18	4719.00	4698.94	4671.19	4517.62	4243.39	3907.80	3600.42	3372.24	3296.42	3376.79
19	4732.87	4712.10	4689.25	4536.01	4249.24	3891.78	3564.72	3320.40	3238.62	3330.15
20	4743.26	4723.26	4707.66	4550.81	4254.08	3878.32	3529.80	3270.36	3184.61	3281.95
21	4750.98	4734.31	4729.92	4567.52	4260.38	3865.07	3494.44	3222.21	3130.72	3234.98
22	4756.45	4742.57	4748.67	4585.57	4269.50	3847.39	3457.50	3173.62	3075.03	3187.56
23	4759.59	4749.70	4764.69	4603.29	4277.93	3829.36	3422.14	3124.69	3020.47	3136.00
24	4759.81	4758.07	4780.82	4621.90	4280.07	3811.55	3384.98	3071.29	2967.25	3089.15
25	4759.26	4765.77	4795.81	4635.24	4283.90	3796.20	3346.81	3021.70	2908.10	3040.72
26	4756.57	4772.47	4810.81	4651.50	4287.72	3779.96	3306.30	2970.75	2853.21	2990.41
27	4752.88	4780.05	4824.57	4669.67	4295.25	3764.38	3269.81	2919.03	2797.07	2939.08
28	4749.85	4786.52	4838.65	4683.57	4304.48	3746.36	3234.00	2865.73	2735.57	2881.28
29	4745.95	4795.01	4852.17	4697.13	4314.38	3728.89	3198.85	2806.06	2672.29	2829.07
30	4741.59	4802.82	4869.10	4713.73	4317.98	3709.20	3162.04	2750.75	2602.19	2775.62
31	4737.90	4808.28	4888.86	4725.62	4318.55	3689.05	3121.07	2695.22	2540.24	2720.84
32	4733.87	4811.41	4907.16	4738.85	4321.36	3672.70	3081.90	2635.77	2473.94	2664.61
33	4731.30	4813.86	4925.79	4755.22	4325.74	3657.46	3044.74	2576.76	2408.30	2603.57
34	4729.51	4815.42	4940.21	4772.94	4332.73	3640.66	3003.55	2513.62	2338.31	2542.43
35	4729.18	4819.32	4954.53	4791.67	4336.21	3623.19	2962.93	2445.32	2269.44	2478.28
36	4729.51	4825.79	4968.73	4813.07	4335.65	3602.72	2917.49	2382.73	2191.61	2414.57
37	4730.18	4830.93	4986.68	4835.05	4331.93	3581.02	2873.96	2318.25	2121.39	2345.50
38	4731.07	4836.50	5010.43	4850.42	4331.26	3556.54	2828.96	2252.19	2052.64	2280.68
39	4730.85	4845.43	5032.70	4861.97	4335.54	3534.51	2783.30	2187.25	1984.43	2214.41
40	4730.52	4858.38	5056.21	4877.88	4338.12	3510.04	2734.95	2115.71	1916.34	2148.36
41	4729.40	4869.09	5078.03	4895.60	4343.07	3490.45	2682.91	2049.66	1850.26	2082.97
42	4726.49	4882.03	5101.89	4908.95	4346.90	3470.53	2628.40	1984.83	1783.06	2018.59
43	4721.80	4891.63	5120.06	4925.54	4349.15	3445.72	2577.48	1915.41	1725.14	1948.31
44	4716.65	4898.99	5144.83	4944.60	4354.89	3422.92	2520.97	1851.60	1663.98	1886.94
45	4711.73	4906.80	5172.21	4969.50	4358.72	3396.77	2465.67	1791.03	1611.65	1825.91
46	4700.21	4912.49	5197.32	4998.08	4362.99	3373.52	2402.77	1732.92	1562.12	1768.90
47	4680.87	4911.71	5231.06	5031.83	4364.68	3347.92	2343.91	1678.28	1516.50	1712.89
48	4650.35	4905.46	5267.64	5054.82	4368.17	3323.11	2283.59	1624.54	1475.02	1656.42
49	4608.87	4895.86	5304.45	5086.55	4376.27	3292.18	2223.94	1577.63	1429.61	1608.79
50	4560.45	4881.91	5339.32	5117.28	4385.26	3263.80	2153.42	1532.73	1396.52	1563.60
51	4494.26	4857.26	5372.05	5149.46	4394.71	3232.31	2090.87	1488.18	1358.96	1520.31
52	4406.15	4821.78	5407.61	5191.17	4406.42	3200.50	2029.20	1443.28	1323.18	1475.01

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CANDELA TABULATION - (Cont.)

53	4291.10	4764.76	5449.19	5239.05	4419.36	3167.45	1967.86	1408.12	1288.51	1431.94
54	4164.30	4699.17	5488.96	5285.58	4433.31	3128.73	1908.44	1367.71	1253.63	1400.47
55	3985.74	4603.54	5519.96	5325.95	4446.81	3092.24	1843.30	1332.66	1221.09	1363.89
56	3796.11	4490.40	5543.03	5372.94	4457.50	3054.52	1787.23	1299.74	1189.56	1325.49
57	3564.77	4344.58	5568.36	5425.74	4467.06	3007.57	1732.17	1265.48	1156.80	1291.13
58	3300.33	4159.81	5596.21	5480.01	4480.34	2954.27	1680.68	1228.87	1123.59	1257.88
59	2991.74	3948.27	5605.75	5530.58	4493.85	2900.54	1628.86	1195.17	1087.93	1221.96
60	2694.88	3690.87	5593.13	5594.94	4507.23	2845.90	1577.49	1163.27	1048.79	1187.93
61	2360.45	3420.52	5569.85	5657.40	4526.36	2776.58	1530.48	1127.89	1011.78	1146.76
62	2061.46	3113.81	5519.06	5730.84	4545.50	2710.71	1483.82	1087.46	967.62	1107.82
63	1781.60	2770.38	5443.40	5798.12	4559.44	2642.51	1431.88	1046.16	922.22	1064.64
64	1565.36	2417.03	5333.42	5881.77	4575.30	2567.85	1378.95	1002.82	876.26	1017.55
65	1366.79	2080.52	5188.69	5966.19	4588.36	2492.19	1323.21	954.35	825.62	965.56
66	1210.47	1809.96	4997.36	6043.46	4609.85	2424.76	1266.59	902.62	773.28	906.54
67	1079.98	1557.57	4766.06	6117.34	4630.77	2345.99	1204.57	842.39	719.95	847.74
68	979.58	1358.08	4506.00	6204.24	4664.76	2267.44	1134.97	785.40	660.58	787.49
69	879.62	1201.99	4189.26	6290.92	4696.94	2184.44	1067.14	724.83	604.46	724.01
70	798.78	1058.17	3869.22	6357.64	4718.09	2089.30	999.88	664.26	552.46	655.61
71	728.01	943.14	3488.51	6428.16	4737.44	1984.61	924.33	595.96	499.69	590.79
72	666.95	848.97	3128.36	6467.52	4737.89	1876.45	849.13	538.20	447.69	532.32
73	611.49	773.32	2773.90	6476.61	4721.12	1753.07	764.51	482.78	405.20	477.53
74	560.96	699.79	2460.90	6423.91	4610.75	1614.10	688.30	429.48	352.87	425.77
75	508.52	634.85	2147.46	6232.27	4395.17	1472.13	611.30	386.71	299.54	383.81
76	465.58	572.71	1839.24	5953.64	4104.31	1326.60	540.68	348.20	261.53	347.89
77	417.29	519.26	1550.44	5548.07	3693.08	1169.27	469.72	308.56	226.41	310.96
78	371.67	470.73	1323.90	4975.55	3157.50	1016.61	415.11	271.39	199.92	275.03
79	328.27	426.77	1117.92	4323.53	2486.80	851.72	366.53	235.68	177.55	239.66
80	289.03	378.90	947.96	3576.87	1860.32	713.09	318.74	203.76	153.96	208.65
81	248.11	337.40	789.02	2777.74	1306.30	589.14	242.53	173.21	134.29	178.74
82	213.23	293.99	622.47	1994.64	883.91	490.00	182.31	146.45	116.74	151.96
83	183.93	257.51	496.58	1412.81	568.31	404.11	138.89	122.04	100.63	126.31
84	151.06	221.25	393.89	980.22	374.89	323.22	105.32	100.99	84.31	104.21
85	122.77	181.53	304.47	654.49	247.54	241.77	81.03	72.89	63.62	78.99
86	92.47	133.34	223.25	412.07	160.67	139.63	56.96	49.49	48.98	55.90
87	66.30	91.15	139.86	228.63	93.95	80.78	34.80	32.25	36.00	36.93
88	46.18	57.13	75.32	97.67	54.46	47.84	22.72	15.23	17.89	20.86
89	23.60	24.43	33.97	31.95	27.56	21.37	12.76	9.85	11.74	14.51
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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 : LB-ALP140-40-T3.IES

CANDELA TABULATION - (Cont.)

165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	4202.32	4202.32	4202.32	4202.32	4202.32	4202.32	4202.32
1	4170.51	4185.05	4201.08	4217.00	4231.98	4240.04	4242.02
2	4138.82	4166.66	4199.73	4231.91	4263.98	4276.77	4280.14
3	4106.21	4148.83	4199.06	4247.60	4291.96	4312.93	4318.72
4	4072.81	4129.66	4198.05	4264.73	4319.16	4348.31	4358.63
5	4039.74	4111.72	4197.37	4278.19	4346.13	4381.00	4392.51
6	4003.96	4092.65	4197.03	4294.22	4371.42	4414.37	4425.94
7	3969.76	4074.83	4197.15	4309.90	4399.75	4442.58	4458.71
8	3936.13	4057.78	4198.05	4326.04	4423.69	4470.02	4489.34
9	3903.75	4039.73	4199.62	4341.39	4446.86	4496.21	4518.19
10	3869.22	4020.90	4202.32	4355.20	4469.13	4521.18	4548.15
11	3835.58	4000.83	4206.71	4369.10	4490.96	4543.13	4573.20
12	3798.55	3982.55	4212.00	4384.46	4512.22	4564.51	4597.91
13	3764.69	3966.51	4217.28	4398.03	4535.38	4586.23	4621.05
14	3728.90	3950.15	4221.78	4412.16	4557.55	4605.03	4643.30
15	3694.25	3934.78	4226.17	4425.73	4578.14	4623.51	4666.22
16	3658.25	3918.30	4229.89	4440.98	4598.73	4641.65	4685.23
17	3621.09	3900.25	4233.37	4455.67	4616.98	4657.77	4702.90
18	3590.07	3884.66	4235.73	4469.68	4632.98	4670.75	4719.00
19	3558.61	3868.96	4237.87	4483.04	4647.08	4682.29	4732.87
20	3527.93	3852.93	4239.11	4498.06	4661.18	4691.47	4743.26
21	3497.36	3835.33	4237.87	4513.30	4672.94	4699.19	4750.98
22	3466.24	3816.93	4238.32	4530.54	4685.25	4705.35	4756.45
23	3429.77	3797.65	4239.00	4543.90	4698.11	4711.62	4759.59
24	3396.82	3780.27	4235.51	4557.81	4709.64	4717.33	4759.81
25	3363.65	3762.78	4235.51	4572.71	4721.51	4723.27	4759.26
26	3330.25	3742.93	4237.76	4589.63	4734.26	4728.75	4756.57
27	3297.64	3725.78	4242.04	4606.76	4746.80	4733.23	4752.88
28	3261.18	3707.95	4245.98	4622.22	4759.90	4736.82	4749.85
29	3226.29	3685.30	4249.35	4642.14	4775.23	4740.85	4745.95
30	3190.39	3664.22	4250.25	4659.60	4790.34	4743.86	4741.59
31	3152.79	3645.05	4248.00	4676.85	4803.76	4746.89	4737.90
32	3114.05	3626.76	4244.18	4691.09	4816.19	4748.57	4733.87
33	3074.51	3609.05	4246.20	4701.00	4829.85	4751.48	4731.30
34	3035.32	3585.28	4246.42	4709.00	4841.71	4754.16	4729.51
35	2993.74	3561.85	4244.18	4722.03	4848.98	4757.64	4729.18

IES ROAD REPORT
PHOTOMETRIC FILENAME : LB-ALP140-40-T3.IES

CANDELA TABULATION - (Cont.)

36	2950.56	3537.73	4244.40	4738.94	4856.60	4760.88	4729.51
37	2906.03	3514.64	4251.37	4752.96	4863.87	4765.25	4730.18
38	2853.54	3495.01	4256.67	4764.97	4876.06	4769.84	4731.07
39	2807.53	3471.70	4255.20	4780.00	4889.50	4773.87	4730.85
40	2760.04	3446.35	4249.80	4797.46	4900.69	4779.59	4730.52
41	2710.73	3421.35	4250.93	4816.04	4916.47	4789.44	4729.40
42	2659.27	3399.03	4254.98	4828.84	4933.93	4799.29	4726.49
43	2600.76	3373.58	4259.59	4845.64	4950.27	4806.79	4721.80
44	2542.59	3347.91	4263.76	4868.00	4968.17	4812.72	4716.65
45	2485.79	3321.00	4264.88	4892.38	4988.55	4816.98	4711.73
46	2427.73	3293.41	4265.33	4912.06	5010.59	4818.88	4700.21
47	2367.18	3265.49	4272.98	4934.88	5032.97	4816.87	4680.87
48	2301.40	3237.35	4276.92	4957.13	5059.05	4811.16	4650.35
49	2246.41	3204.50	4275.79	4982.50	5085.13	4804.10	4608.87
50	2185.41	3170.41	4284.35	5007.64	5108.86	4788.88	4560.45
51	2121.44	3138.79	4297.39	5034.13	5131.58	4759.54	4494.26
52	2055.89	3099.99	4309.43	5069.72	5159.45	4719.01	4406.15
53	1994.31	3063.78	4322.93	5108.22	5193.13	4660.45	4291.10
54	1935.12	3026.33	4328.45	5152.40	5218.09	4591.15	4164.30
55	1878.65	2984.16	4331.26	5193.56	5244.61	4498.79	3985.74
56	1821.74	2939.54	4332.05	5243.41	5265.43	4376.86	3796.11
57	1768.11	2892.56	4341.73	5285.25	5279.76	4246.54	3564.77
58	1720.28	2844.79	4345.78	5327.75	5293.08	4067.18	3300.33
59	1669.39	2788.16	4350.16	5370.02	5302.13	3862.41	2991.74
60	1621.33	2726.27	4357.37	5432.11	5292.07	3619.67	2694.88
61	1567.59	2655.29	4365.36	5508.77	5260.18	3341.90	2360.45
62	1520.67	2587.46	4381.00	5577.64	5211.15	3053.94	2061.46
63	1465.91	2519.39	4388.53	5629.72	5143.33	2734.41	1781.60
64	1416.27	2452.12	4379.31	5697.92	5041.04	2402.33	1565.36
65	1355.48	2384.39	4391.00	5787.04	4923.64	2086.27	1366.79
66	1287.77	2312.74	4404.73	5865.59	4761.13	1825.40	1210.47
67	1222.90	2241.54	4411.37	5931.02	4584.07	1580.76	1079.98
68	1155.19	2169.67	4422.74	6014.14	4337.63	1392.89	979.58
69	1082.48	2092.52	4429.15	6091.01	4089.73	1227.31	879.62
70	1002.50	2004.28	4429.48	6158.33	3772.88	1086.68	798.78
71	922.40	1909.64	4412.49	6212.96	3462.65	969.80	728.01
72	842.41	1807.04	4369.41	6246.34	3122.75	873.85	666.95
73	761.52	1691.11	4253.85	6248.34	2774.01	785.40	611.49
74	676.43	1555.99	4036.58	6209.18	2440.60	712.07	560.96
75	601.68	1410.57	3673.84	6024.03	2131.26	641.53	508.52
76	536.01	1242.37	3272.83	5694.36	1816.10	582.75	465.58
77	476.48	1078.78	2739.17	5227.61	1545.82	527.90	417.29
78	424.34	936.94	2181.67	4674.85	1313.92	477.85	371.67
79	373.89	795.32	1665.11	4008.60	1115.82	431.27	328.27
80	327.88	678.71	1158.01	3269.48	927.92	383.13	289.03
81	265.85	566.47	798.74	2491.20	777.61	341.03	248.11
82	208.35	476.54	534.22	1765.53	632.67	298.49	213.23
83	158.26	400.07	358.25	1264.52	498.49	262.10	183.93
84	122.13	332.80	242.92	888.33	395.74	225.93	151.06
85	94.64	266.75	160.90	607.95	315.83	186.19	122.77
86	69.98	168.87	96.08	403.44	219.02	137.38	92.47
87	48.17	98.67	54.57	230.54	139.11	92.36	66.30
88	33.52	60.67	26.78	101.92	66.59	57.88	46.18
89	22.61	33.42	15.97	28.81	29.10	27.76	23.60
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT
PHOTOMETRIC FILENAME : LB-ALP140-40-T3.IES

CANDELA TABULATION - (Cont.)

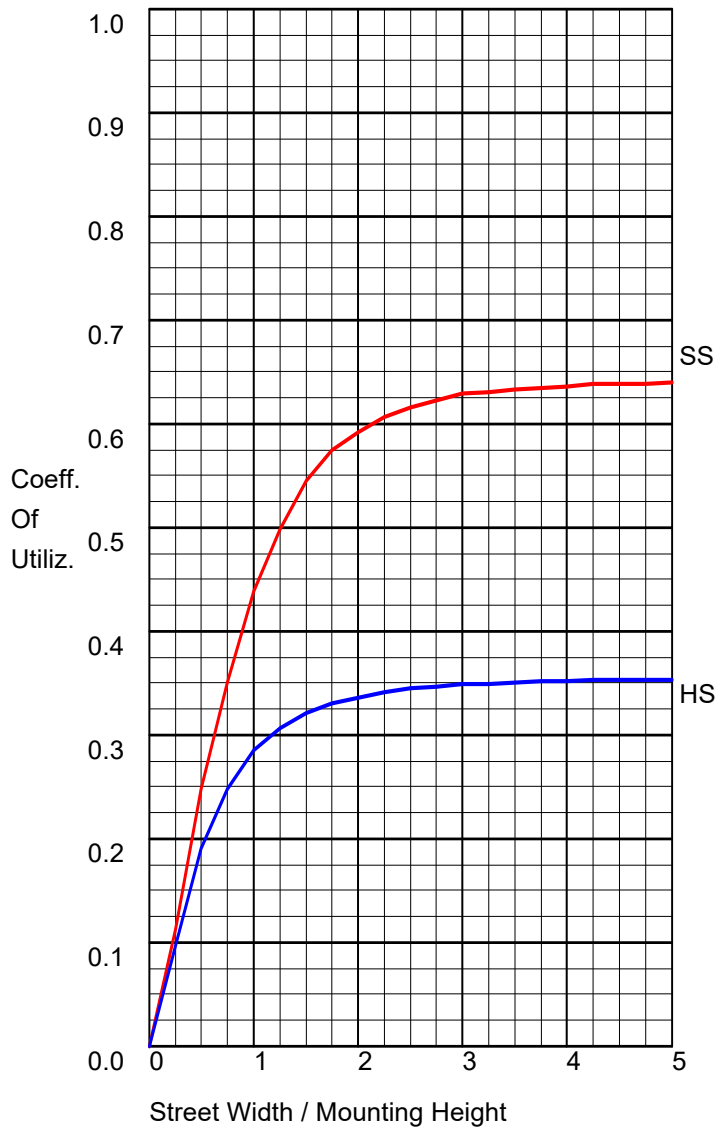
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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119	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT
PHOTOMETRIC FILENAME : LB-ALP140-40-T3.IES

CANDELA TABULATION - (Cont.)

148	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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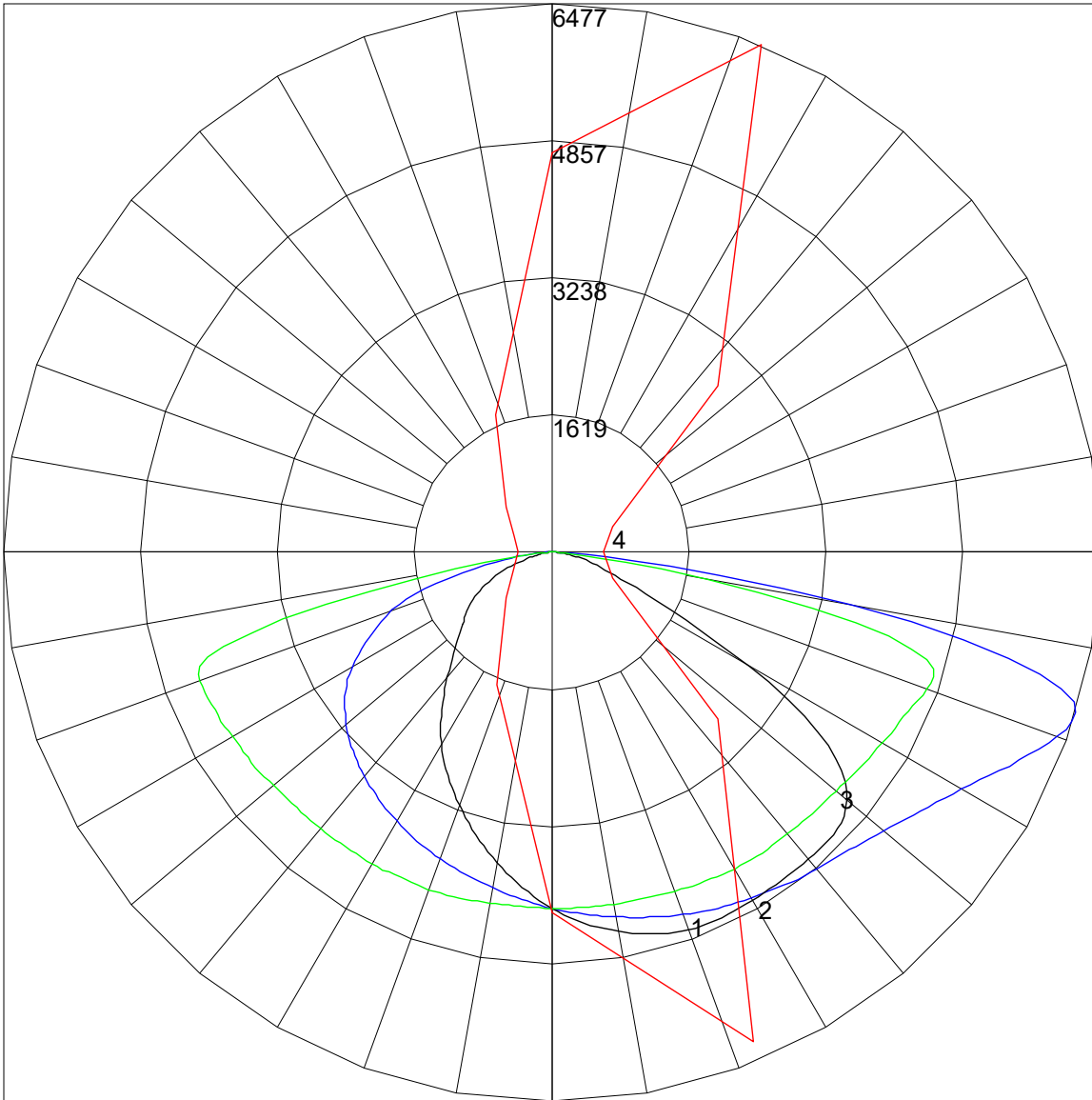
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

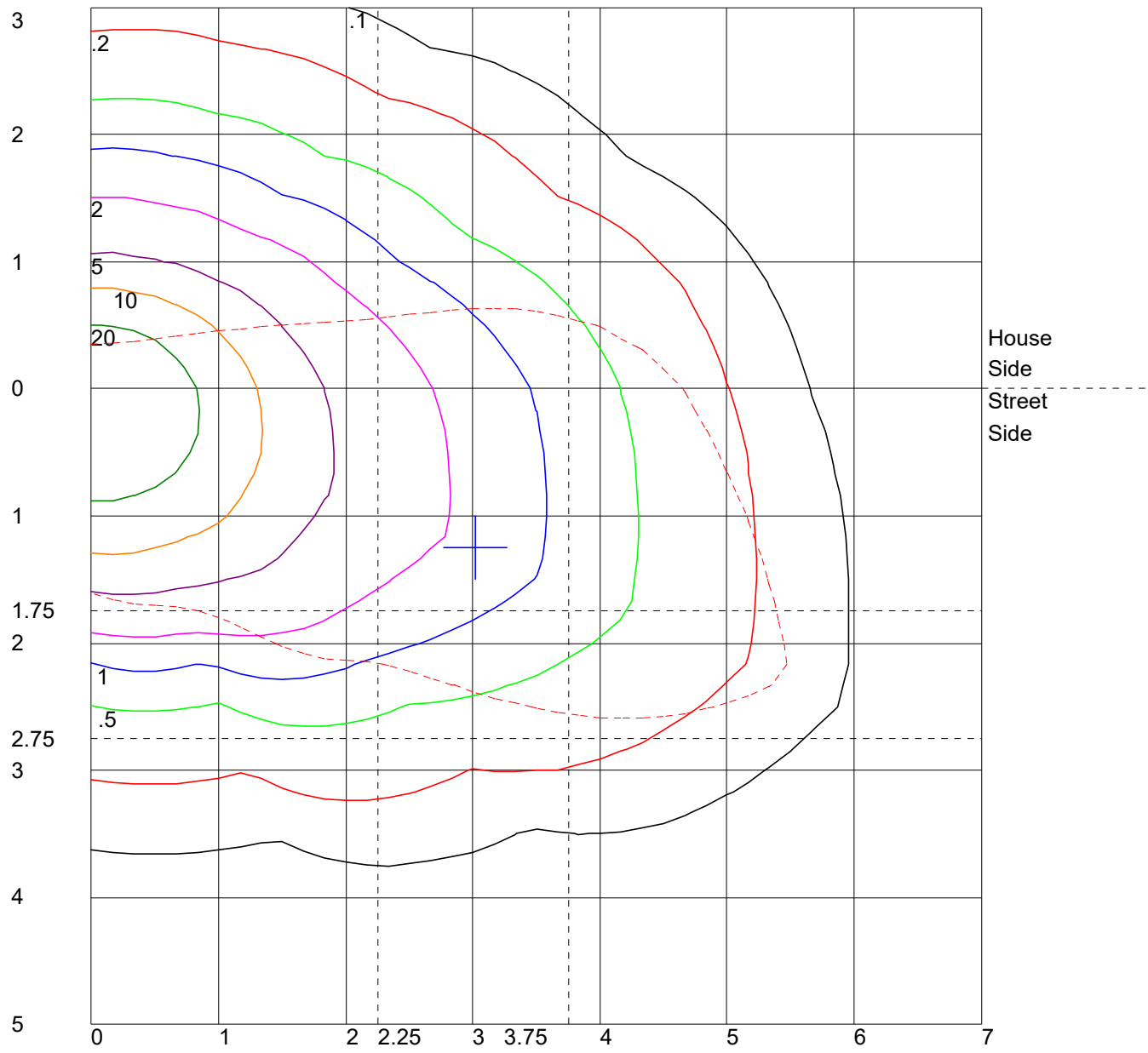
	Lumens	Percent Of Lamp
Downward Street Side	11070.8	64.5
Downward House Side	6105.2	35.5
Downward Total	17176.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	17176.0	100.0

POLAR GRAPH



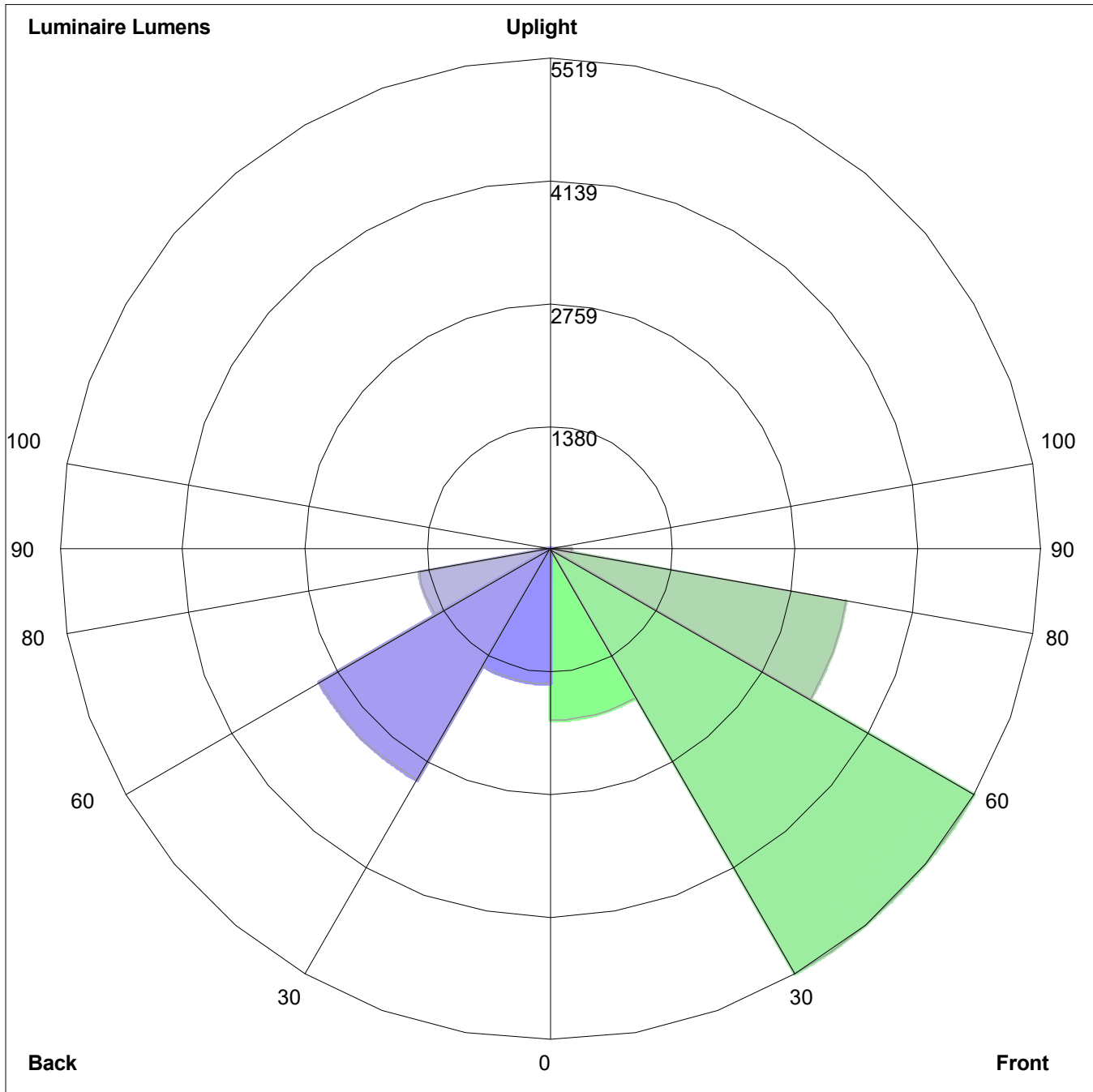
- Maximum Candela = 6476.61 Located At Horizontal Angle = 67.5, Vertical Angle = 73
- # 1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
 - # 2 - Vertical Plane Through Horizontal Angles (0 - 180)
 - # 3 - Vertical Plane Through Horizontal Angles (90 - 270)
 - # 4 - Horizontal Cone Through Vertical Angle (73) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=1928.9, Medium=5518.5, High=3381.9, Very High=241.4
 Back: Low=1513.7, Medium=3001.6, High= 1496.0, Very High=93.8
 Uplight: Low=0.0, High=0.0

BUG Rating : B3-U0-G3