

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P160127

Luminaire Tested: **ENV-E02-LED-E1-BL3-ULG**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P160127
REPORT IS FROM IESNA LM-79-08 TEST DATA - UPLIGHT (P20107) AND DOWNLIGHT
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENV-E02-LED-E1-BL3-ULG
Description: ENTRI LED LUMINAIRE WITH UPLIGHT
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5720.3 lumens
Efficiency: N/A
Efficacy: 104.2 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U3 - G2

Input Watts (W): 54.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

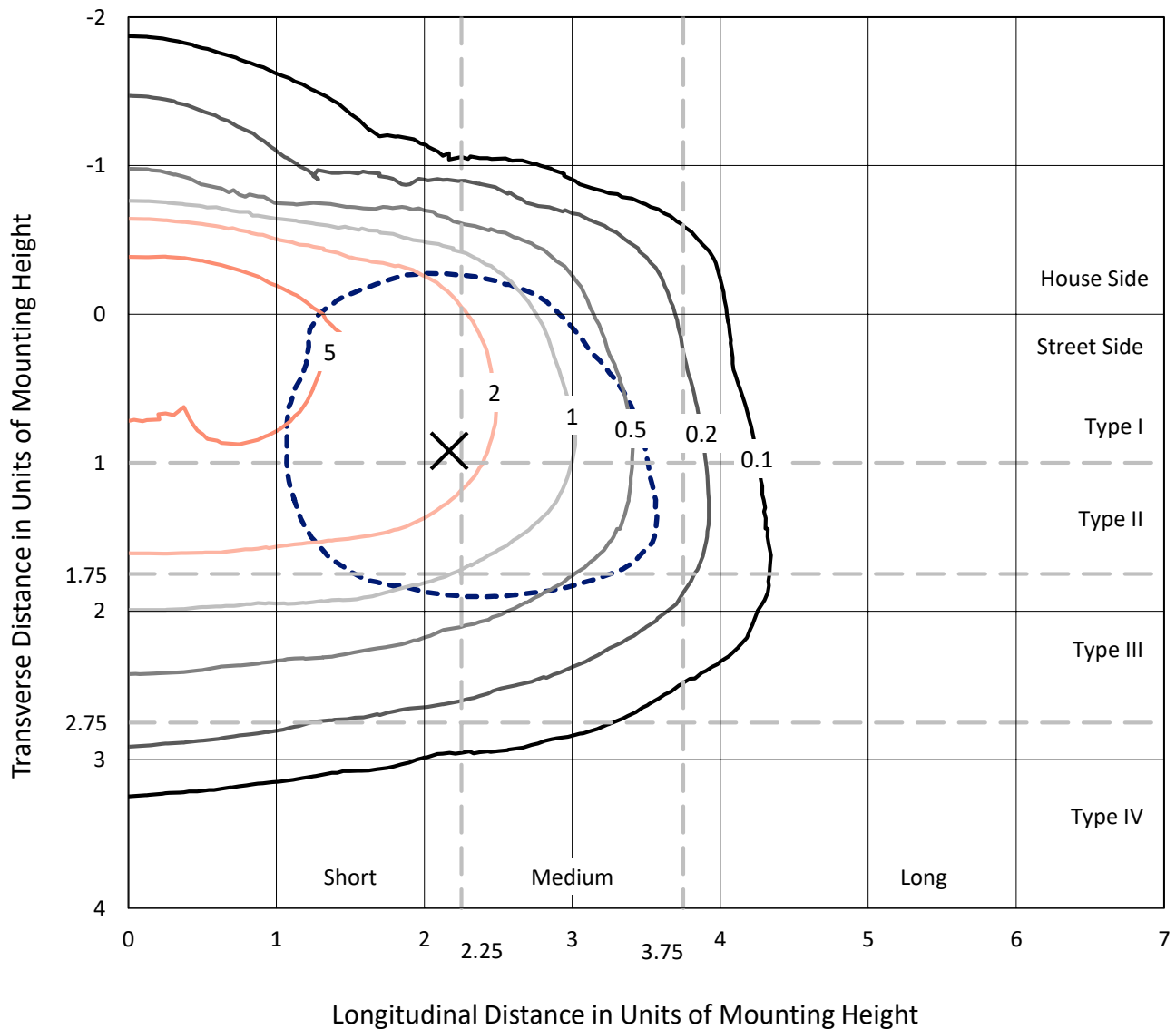


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

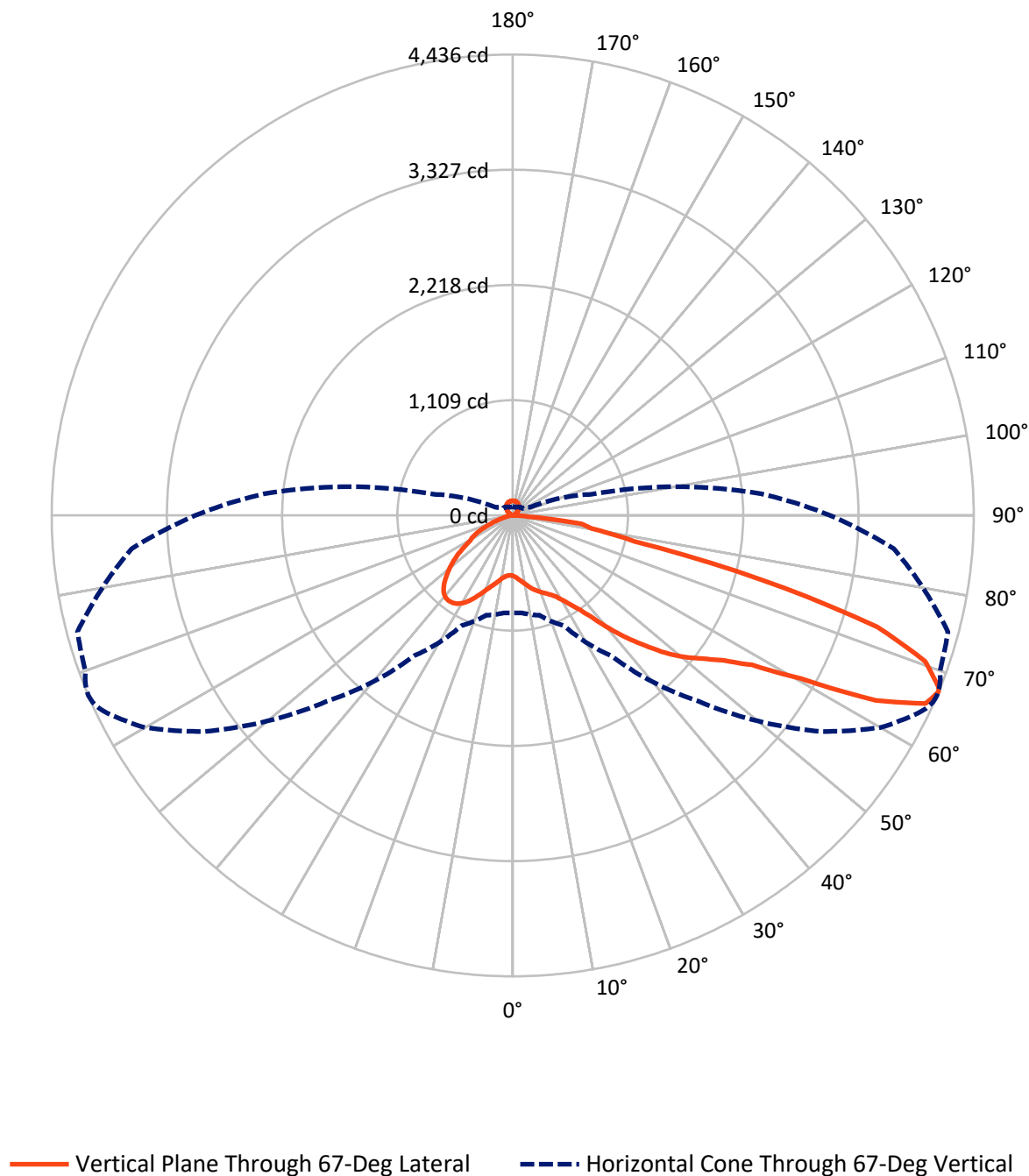


Based on 10 foot mounting height. Maximum calculated value = 7.4 fc
Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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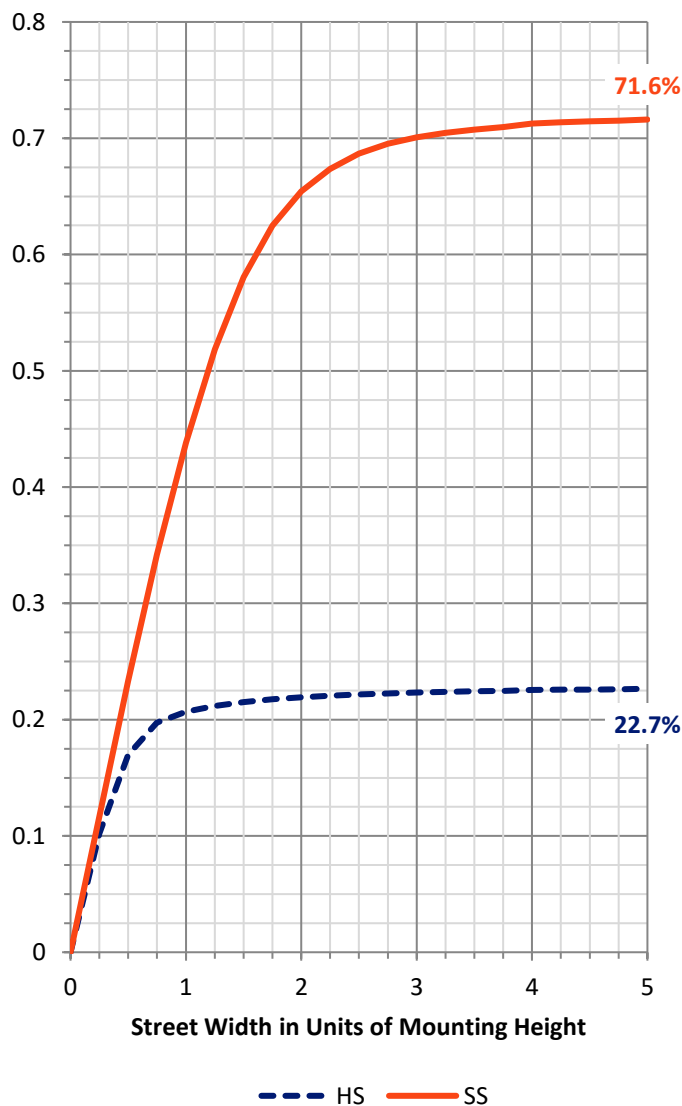
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1312.3	157.7	1470.0
	% Fixture	22.9	2.8	25.7
Street Side	Lumens	4092.5	157.7	4250.3
	% Fixture	71.5	2.8	74.3
Total	Lumens	5404.8	315.5	5720.3
	% Fixture	94.5	5.5	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.7	1.0
10°-20°	202.9	3.5
20°-30°	367.8	6.4
30°-40°	537.7	9.4
40°-50°	814.5	14.2
50°-60°	1168.2	20.4
60°-70°	1492.8	26.1
70°-80°	696.9	12.2
80°-90°	65.3	1.1
90°-100°	1.3	0.0
100°-110°	12.3	0.2
110°-120°	25.2	0.4
120°-130°	43.0	0.8
130°-140°	60.0	1.0
140°-150°	65.4	1.1
150°-160°	56.9	1.0
160°-170°	38.2	0.7
170°-180°	13.3	0.2
0°-90°	5404.8	94.5
0°-180°	5720.3	100.0

Coefficient of Utilization



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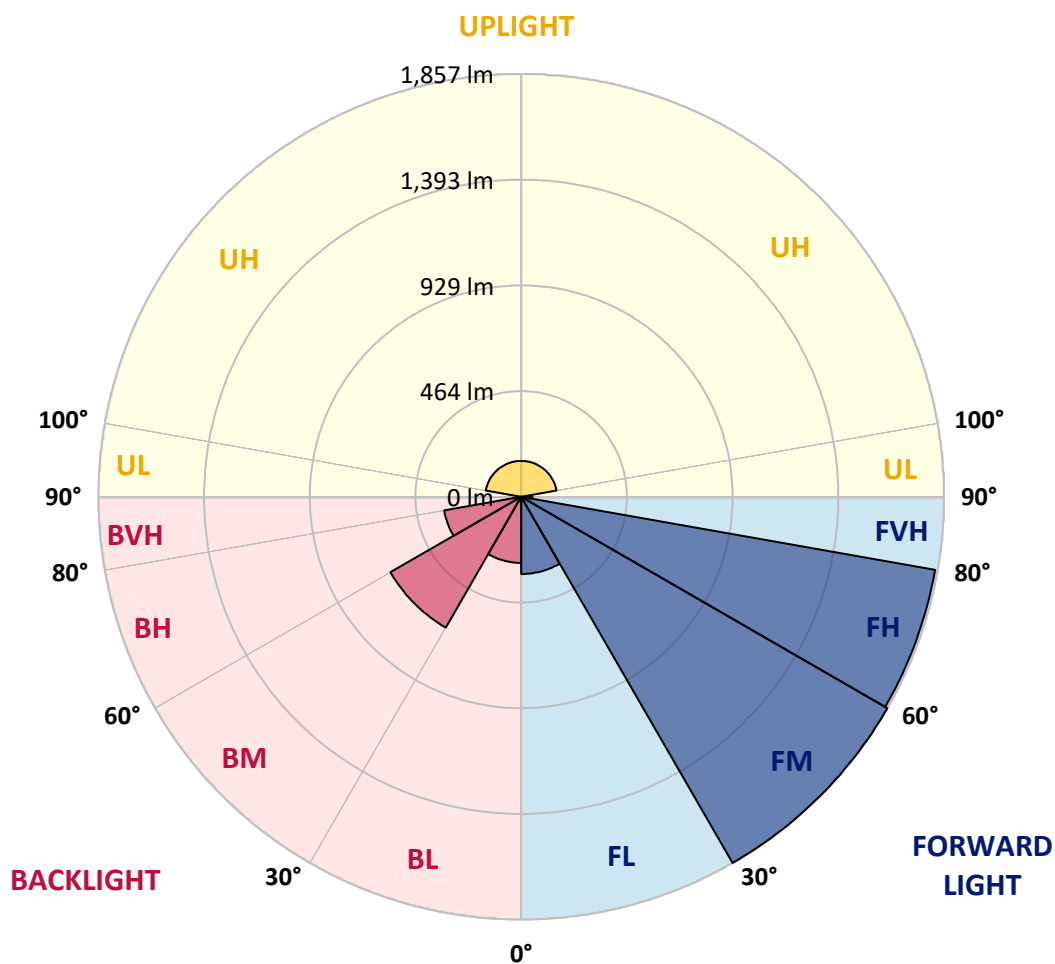
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	339.0	5.9			
FM	(30°-60°)	1857.5	32.5			
FH	(60°-80°)	1846.4	32.3			G2/5000
FVH	(80°-90°)	49.5	0.9			G1/100
BL	(0°-30°)	290.4	5.1	B1/500		
BM	(30°-60°)	662.9	11.6	B1/1000		
BH	(60°-80°)	343.3	6.0	B1/500		G1/500
BVH	(80°-90°)	15.7	0.3			G1/100
UL	(90°-100°)	1.3	0.0		U1/10	
UH	(100°-180°)	157.7	2.8		U3/500	

BUG Rating: B1-U3-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0
2.5°	605.0	605.0	606.0	606.0	605.0	605.0	599.0	599.0	599.0	598.0	598.0
5°	638.0	639.0	639.0	638.0	636.0	632.0	624.0	624.0	624.0	623.0	621.0
7.5°	676.0	675.0	676.0	673.0	669.0	664.0	653.0	652.0	650.0	650.0	648.0
10°	718.0	715.0	718.0	714.0	706.0	697.0	684.0	680.0	680.0	680.0	676.0
12.5°	761.0	760.0	762.0	755.0	741.0	731.0	718.0	713.0	712.0	712.0	710.0
15°	808.0	807.0	801.0	790.0	772.0	763.0	748.0	742.0	741.0	741.0	738.0
17.5°	857.0	857.0	842.0	819.0	794.0	781.0	770.0	766.0	765.0	765.0	764.0
20°	899.0	899.0	879.0	841.0	805.0	791.0	787.0	787.0	787.0	787.0	788.0
22.5°	930.0	927.0	900.0	853.0	809.0	797.0	807.0	808.0	808.0	810.0	811.0
25°	944.0	943.0	911.0	855.0	808.0	806.0	828.0	831.0	833.0	835.0	838.0
27.5°	945.0	945.0	913.0	854.0	807.0	822.0	854.0	863.0	865.0	869.0	874.0
30°	935.0	936.0	909.0	853.0	814.0	852.0	895.0	912.0	916.0	922.0	930.0
32.5°	923.0	925.0	909.0	863.0	845.0	904.0	961.0	985.0	989.0	997.0	1005.0
35°	925.0	928.0	931.0	903.0	914.0	993.0	1075.0	1089.0	1088.0	1101.0	1105.0
37.5°	938.0	945.0	967.0	972.0	1014.0	1124.0	1210.0	1240.0	1240.0	1252.0	1248.0
40°	940.0	951.0	1006.0	1064.0	1147.0	1282.0	1400.0	1435.0	1435.0	1440.0	1438.0
42.5°	987.0	997.0	1076.0	1179.0	1297.0	1456.0	1586.0	1617.0	1624.0	1619.0	1623.0
45°	1072.0	1079.0	1176.0	1306.0	1442.0	1623.0	1768.0	1798.0	1805.0	1800.0	1794.0
47.5°	1180.0	1190.0	1293.0	1447.0	1587.0	1777.0	1954.0	1989.0	1996.0	1988.0	1991.0
50°	1270.0	1289.0	1399.0	1581.0	1727.0	1909.0	2098.0	2146.0	2152.0	2152.0	2154.0
52.5°	1352.0	1369.0	1475.0	1678.0	1840.0	2028.0	2205.0	2267.0	2274.0	2279.0	2283.0
55°	1386.0	1403.0	1509.0	1720.0	1909.0	2139.0	2329.0	2412.0	2416.0	2429.0	2446.0
57.5°	1387.0	1401.0	1505.0	1719.0	1945.0	2239.0	2498.0	2627.0	2643.0	2660.0	2689.0
60°	1293.0	1310.0	1414.0	1669.0	1975.0	2351.0	2754.0	2991.0	3014.0	3063.0	3127.0
62.5°	1151.0	1163.0	1253.0	1504.0	1975.0	2506.0	3166.0	3558.0	3635.0	3715.0	3833.0
65°	1019.0	1028.0	1085.0	1302.0	1835.0	2632.0	3597.0	4048.0	4131.0	4191.0	4291.0
67°	937.0	941.0	995.0	1172.0	1647.0	2531.0	3626.0	4082.0	4153.0	4215.0	4341.0
67.5°	909.0	912.0	963.0	1139.0	1589.0	2470.0	3582.0	4054.0	4131.0	4194.0	4322.0
70°	699.0	690.0	734.0	896.0	1284.0	1971.0	3145.0	3689.0	3777.0	3861.0	4016.0
72.5°	417.0	404.0	432.0	520.0	832.0	1385.0	2385.0	3027.0	3139.0	3244.0	3447.0
75°	251.0	252.0	273.0	334.0	454.0	871.0	1541.0	1970.0	2075.0	2174.0	2334.0
77.5°	125.0	124.0	143.0	194.0	331.0	541.0	895.0	1136.0	1171.0	1218.0	1199.0
80°	40.0	39.0	42.0	53.0	119.0	363.0	563.0	713.0	729.0	738.0	749.0
82.5°	6.0	7.0	8.0	13.0	22.0	87.0	350.0	496.0	518.0	544.0	594.0
85°	0.0	0.0	1.0	1.0	3.0	7.0	33.0	85.0	89.0	108.0	127.0
87.5°	0.0	0.0	0.0	1.0	2.0	3.0	5.0	5.0	5.0	5.0	5.0
90°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
97.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
100°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
102.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
105°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
107.5°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7

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CATALOG NUMBER: ENV-E02-LED-E1-BL3-ULG

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
110°	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
112.5°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
115°	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
117.5°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
120°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
122.5°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
125°	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
127.5°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
130°	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
132.5°	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
135°	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
137.5°	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
140°	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
142.5°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
145°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
147.5°	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1
150°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
152.5°	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7
155°	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7
157.5°	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0
160°	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3
162.5°	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5
165°	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0
167.5°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1
170°	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4
172.5°	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6
175°	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5
177.5°	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1
180°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8

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CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	75°	85°	90°	95°	105°
0°	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0
2.5°	597.0	597.0	596.0	595.0	595.0	595.0	593.0	592.0	586.0	584.0	580.0
5°	621.0	621.0	619.0	618.0	617.0	617.0	614.0	608.0	600.0	595.0	587.0
7.5°	647.0	646.0	644.0	644.0	640.0	640.0	636.0	625.0	617.0	610.0	600.0
10°	677.0	676.0	673.0	672.0	670.0	668.0	664.0	651.0	643.0	634.0	622.0
12.5°	710.0	708.0	706.0	705.0	703.0	701.0	697.0	685.0	677.0	668.0	654.0
15°	739.0	738.0	736.0	735.0	735.0	733.0	730.0	719.0	711.0	701.0	690.0
17.5°	765.0	764.0	763.0	763.0	762.0	762.0	761.0	751.0	746.0	738.0	727.0
20°	787.0	788.0	788.0	788.0	789.0	790.0	792.0	787.0	782.0	775.0	769.0
22.5°	811.0	812.0	815.0	815.0	817.0	818.0	825.0	824.0	822.0	817.0	812.0
25°	840.0	842.0	844.0	847.0	848.0	851.0	863.0	868.0	864.0	861.0	866.0
27.5°	878.0	882.0	884.0	888.0	890.0	894.0	912.0	923.0	920.0	921.0	932.0
30°	935.0	939.0	945.0	947.0	954.0	956.0	977.0	994.0	994.0	992.0	1012.0
32.5°	1011.0	1014.0	1021.0	1026.0	1030.0	1034.0	1054.0	1072.0	1074.0	1080.0	1088.0
35°	1111.0	1113.0	1117.0	1125.0	1124.0	1126.0	1137.0	1155.0	1165.0	1179.0	1155.0
37.5°	1243.0	1250.0	1248.0	1249.0	1241.0	1246.0	1250.0	1269.0	1290.0	1304.0	1211.0
40°	1431.0	1436.0	1431.0	1424.0	1418.0	1415.0	1409.0	1430.0	1448.0	1438.0	1255.0
42.5°	1614.0	1616.0	1612.0	1600.0	1595.0	1585.0	1569.0	1595.0	1605.0	1558.0	1278.0
45°	1795.0	1792.0	1785.0	1783.0	1773.0	1763.0	1754.0	1771.0	1767.0	1675.0	1288.0
47.5°	1985.0	1982.0	1977.0	1969.0	1958.0	1956.0	1948.0	1946.0	1917.0	1775.0	1283.0
50°	2151.0	2153.0	2142.0	2146.0	2141.0	2131.0	2124.0	2128.0	2059.0	1863.0	1273.0
52.5°	2294.0	2294.0	2289.0	2294.0	2292.0	2287.0	2293.0	2358.0	2215.0	1987.0	1258.0
55°	2460.0	2466.0	2462.0	2467.0	2470.0	2481.0	2506.0	2658.0	2448.0	2139.0	1224.0
57.5°	2703.0	2718.0	2714.0	2734.0	2752.0	2781.0	2872.0	3032.0	2737.0	2306.0	1157.0
60°	3139.0	3188.0	3186.0	3221.0	3257.0	3290.0	3449.0	3480.0	3064.0	2524.0	1107.0
62.5°	3865.0	3905.0	3922.0	3960.0	3983.0	3989.0	4117.0	3890.0	3356.0	2722.0	1079.0
65°	4335.0	4351.0	4366.0	4361.0	4347.0	4324.0	4332.0	3852.0	3259.0	2595.0	926.0
67°	4391.0	4424.0	4436.0	4428.0	4407.0	4375.0	4336.0	3680.0	3053.0	2397.0	783.0
67.5°	4375.0	4409.0	4420.0	4413.0	4395.0	4371.0	4325.0	3615.0	2983.0	2333.0	746.0
70°	4118.0	4167.0	4212.0	4227.0	4228.0	4224.0	4178.0	3156.0	2539.0	1959.0	566.0
72.5°	3511.0	3574.0	3668.0	3638.0	3686.0	3655.0	3550.0	2157.0	1740.0	1400.0	397.0
75°	2369.0	2397.0	2473.0	2386.0	2394.0	2339.0	1931.0	1253.0	1079.0	911.0	239.0
77.5°	1192.0	1210.0	1198.0	1146.0	1126.0	1081.0	836.0	272.0	272.0	324.0	125.0
80°	756.0	763.0	771.0	783.0	798.0	800.0	580.0	80.0	72.0	75.0	68.0
82.5°	620.0	639.0	664.0	669.0	675.0	680.0	400.0	44.0	36.0	40.0	48.0
85°	144.0	156.0	149.0	132.0	141.0	109.0	56.0	18.0	16.0	20.0	33.0
87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0	7.0	17.0
90°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
97.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
100°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
102.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
105°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
107.5°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7

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CATALOG NUMBER: ENV-E02-LED-E1-BL3-ULG

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	75°	85°	90°	95°	105°
110°	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
112.5°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
115°	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
117.5°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
120°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
122.5°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
125°	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
127.5°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
130°	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
132.5°	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
135°	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
137.5°	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
140°	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
142.5°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
145°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
147.5°	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1
150°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
152.5°	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7
155°	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7
157.5°	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0
160°	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3
162.5°	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5
165°	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0
167.5°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1
170°	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4
172.5°	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6
175°	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5
177.5°	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1
180°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8

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CATALOG NUMBER: ENV-E02-LED-E1-BL3-ULG

CANDELA DISTRIBUTION (continued):

	115°	125°	135°	145°	155°	165°	175°	180°
0°	582.0	582.0	582.0	582.0	582.0	582.0	582.0	582.0
2.5°	576.0	573.0	569.0	568.0	567.0	565.0	564.0	563.0
5°	579.0	573.0	567.0	563.0	561.0	559.0	557.0	557.0
7.5°	591.0	584.0	575.0	571.0	567.0	564.0	562.0	562.0
10°	611.0	603.0	592.0	587.0	582.0	579.0	577.0	575.0
12.5°	641.0	631.0	618.0	610.0	605.0	604.0	602.0	601.0
15°	678.0	667.0	653.0	645.0	637.0	635.0	633.0	632.0
17.5°	715.0	706.0	695.0	681.0	665.0	652.0	646.0	645.0
20°	757.0	753.0	736.0	705.0	670.0	643.0	632.0	632.0
22.5°	810.0	799.0	758.0	703.0	651.0	613.0	598.0	598.0
25°	868.0	831.0	755.0	681.0	617.0	570.0	550.0	550.0
27.5°	919.0	840.0	737.0	644.0	566.0	515.0	492.0	491.0
30°	959.0	835.0	705.0	592.0	506.0	448.0	422.0	422.0
32.5°	981.0	818.0	661.0	531.0	433.0	367.0	335.0	336.0
35°	987.0	789.0	603.0	450.0	345.0	280.0	251.0	251.0
37.5°	981.0	743.0	531.0	361.0	258.0	212.0	190.0	188.0
40°	961.0	674.0	435.0	264.0	192.0	165.0	156.0	154.0
42.5°	921.0	591.0	327.0	189.0	154.0	143.0	141.0	140.0
45°	858.0	479.0	227.0	148.0	138.0	135.0	135.0	134.0
47.5°	779.0	366.0	162.0	131.0	130.0	130.0	130.0	130.0
50°	691.0	259.0	132.0	124.0	123.0	125.0	126.0	126.0
52.5°	600.0	181.0	121.0	119.0	117.0	120.0	121.0	121.0
55°	501.0	142.0	116.0	114.0	111.0	112.0	114.0	114.0
57.5°	399.0	126.0	114.0	111.0	105.0	105.0	107.0	107.0
60°	317.0	121.0	113.0	106.0	98.0	98.0	100.0	101.0
62.5°	265.0	120.0	113.0	101.0	95.0	92.0	94.0	94.0
65°	221.0	120.0	110.0	101.0	90.0	86.0	88.0	88.0
67°	185.0	118.0	108.0	101.0	88.0	83.0	83.0	83.0
67.5°	175.0	117.0	109.0	101.0	87.0	82.0	81.0	81.0
70°	131.0	106.0	109.0	102.0	85.0	75.0	73.0	73.0
72.5°	102.0	97.0	106.0	105.0	83.0	69.0	65.0	64.0
75°	83.0	88.0	107.0	102.0	78.0	63.0	57.0	56.0
77.5°	71.0	75.0	90.0	82.0	65.0	56.0	50.0	49.0
80°	56.0	64.0	64.0	56.0	48.0	45.0	42.0	42.0
82.5°	45.0	49.0	42.0	38.0	36.0	35.0	33.0	33.0
85°	37.0	40.0	31.0	28.0	27.0	26.0	24.0	24.0
87.5°	29.0	25.0	16.0	15.0	15.0	14.0	14.0	15.0
90°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
92.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
97.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
100°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
102.5°	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
105°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
107.5°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7

REPORT NUMBER: P160127

CATALOG NUMBER: ENV-E02-LED-E1-BL3-ULG

CANDELA DISTRIBUTION (continued):

	115°	125°	135°	145°	155°	165°	175°	180°
110°	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
112.5°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
115°	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
117.5°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
120°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
122.5°	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
125°	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
127.5°	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
130°	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
132.5°	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
135°	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
137.5°	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
140°	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
142.5°	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
145°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
147.5°	110.1	110.1	110.1	110.1	110.1	110.1	110.1	110.1
150°	115.1	115.1	115.1	115.1	115.1	115.1	115.1	115.1
152.5°	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7
155°	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7
157.5°	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0
160°	130.3	130.3	130.3	130.3	130.3	130.3	130.3	130.3
162.5°	133.5	133.5	133.5	133.5	133.5	133.5	133.5	133.5
165°	136.0	136.0	136.0	136.0	136.0	136.0	136.0	136.0
167.5°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1
170°	137.4	137.4	137.4	137.4	137.4	137.4	137.4	137.4
172.5°	138.6	138.6	138.6	138.6	138.6	138.6	138.6	138.6
175°	140.5	140.5	140.5	140.5	140.5	140.5	140.5	140.5
177.5°	141.1	141.1	141.1	141.1	141.1	141.1	141.1	141.1
180°	140.8	140.8	140.8	140.8	140.8	140.8	140.8	140.8

(END OF REPORT)