

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: P140930

Luminaire Tested: **ECM-E04-LED-E1-SL2**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P140930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33690)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ECM-E04-LED-E1-SL2  
Description: EPIC CLASSICAL MEDIUM DECORATIVE LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (84) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11511.6 lumens  
Efficiency: N/A  
Efficacy: 118.4 lumens/watt  
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G2

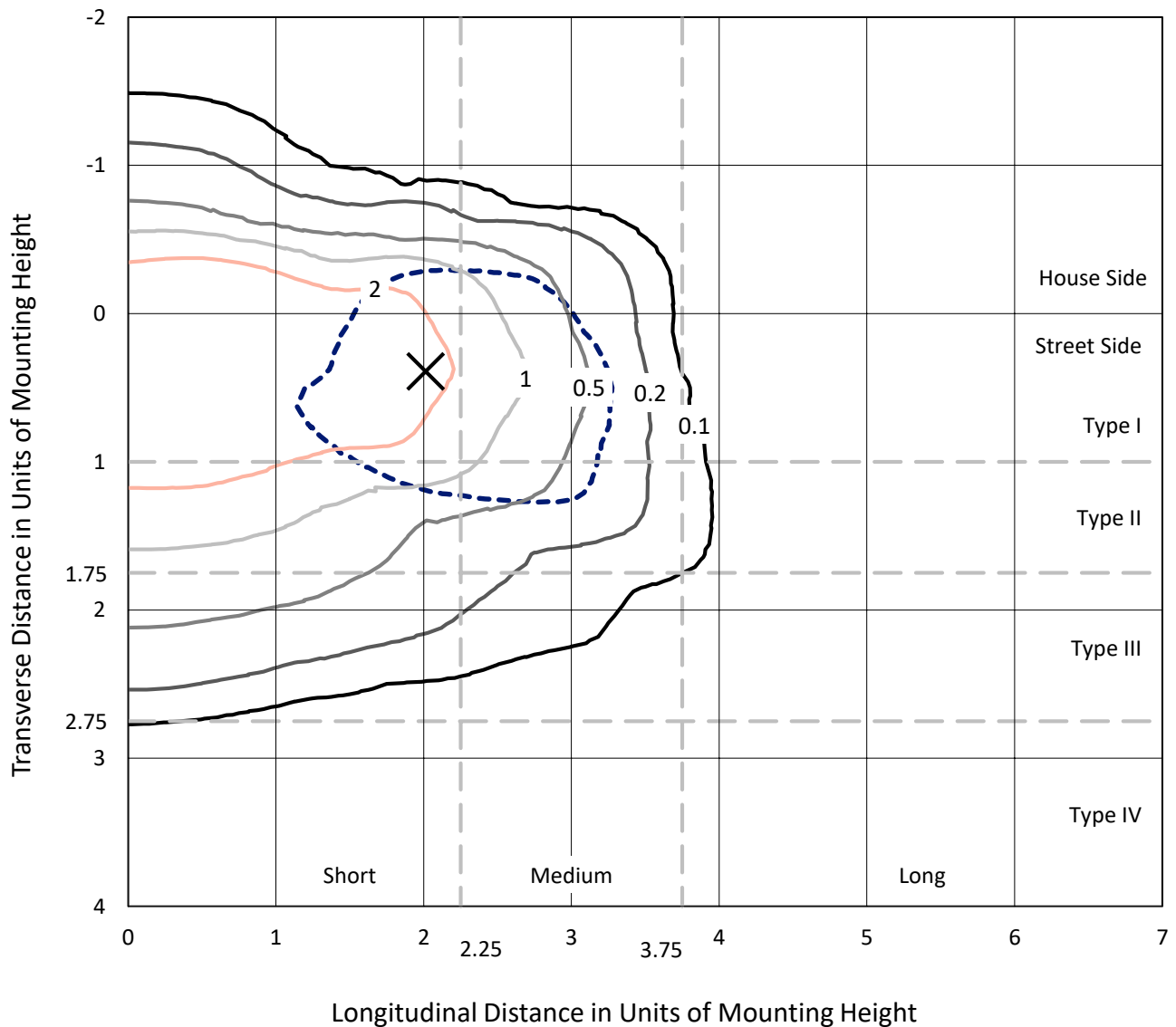
Input Watts (W): 97.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

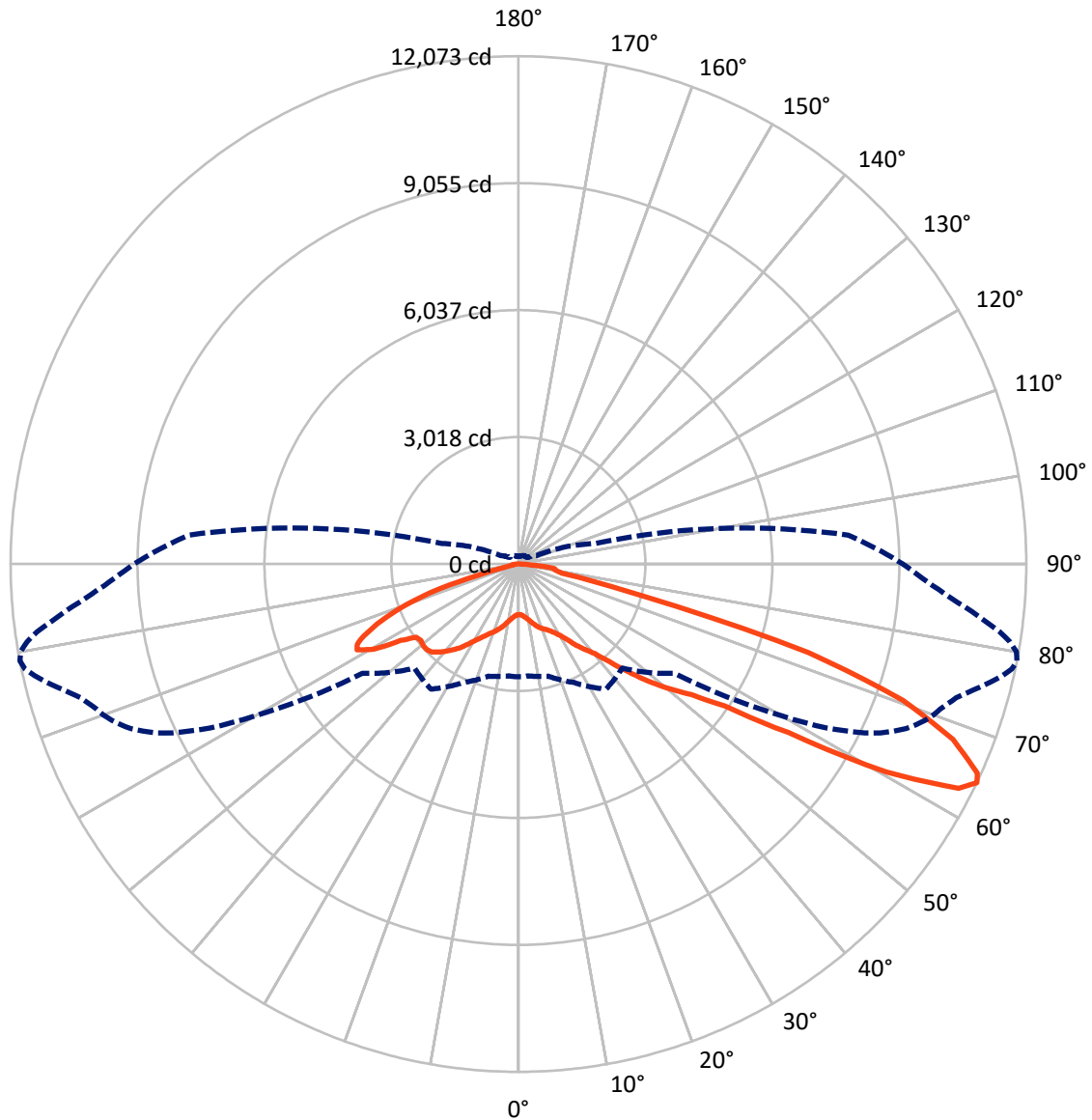
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral      - - - Horizontal Cone Through 64-Deg Vertical

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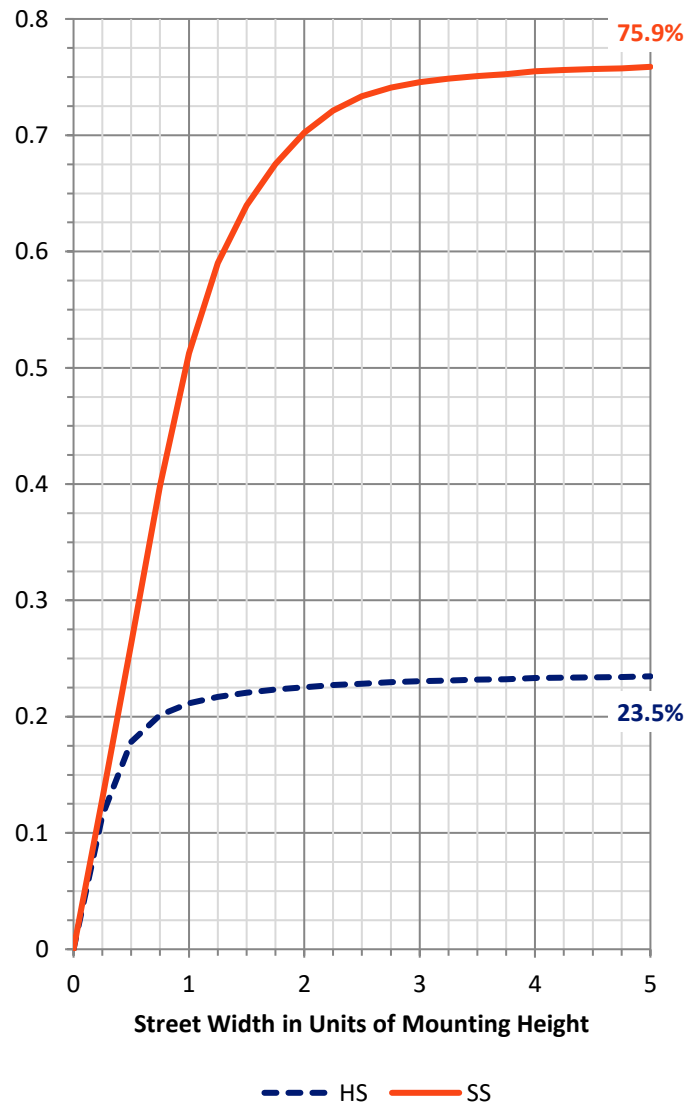
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2743.9	0.0	2743.9
	% Fixture	23.8	0.0	23.8
<b>Street Side</b>	Lumens	8767.6	0.0	8767.6
	% Fixture	76.2	0.0	76.2
<b>Total</b>	Lumens	11511.6	0.0	11511.6
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	119.3	1.0
10°-20°	386.7	3.4
20°-30°	663.8	5.8
30°-40°	1109.6	9.6
40°-50°	1900.8	16.5
50°-60°	2564.1	22.3
60°-70°	3243.5	28.2
70°-80°	1294.2	11.2
80°-90°	229.6	2.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11511.6	100.0
0°-180°	11511.6	100.0



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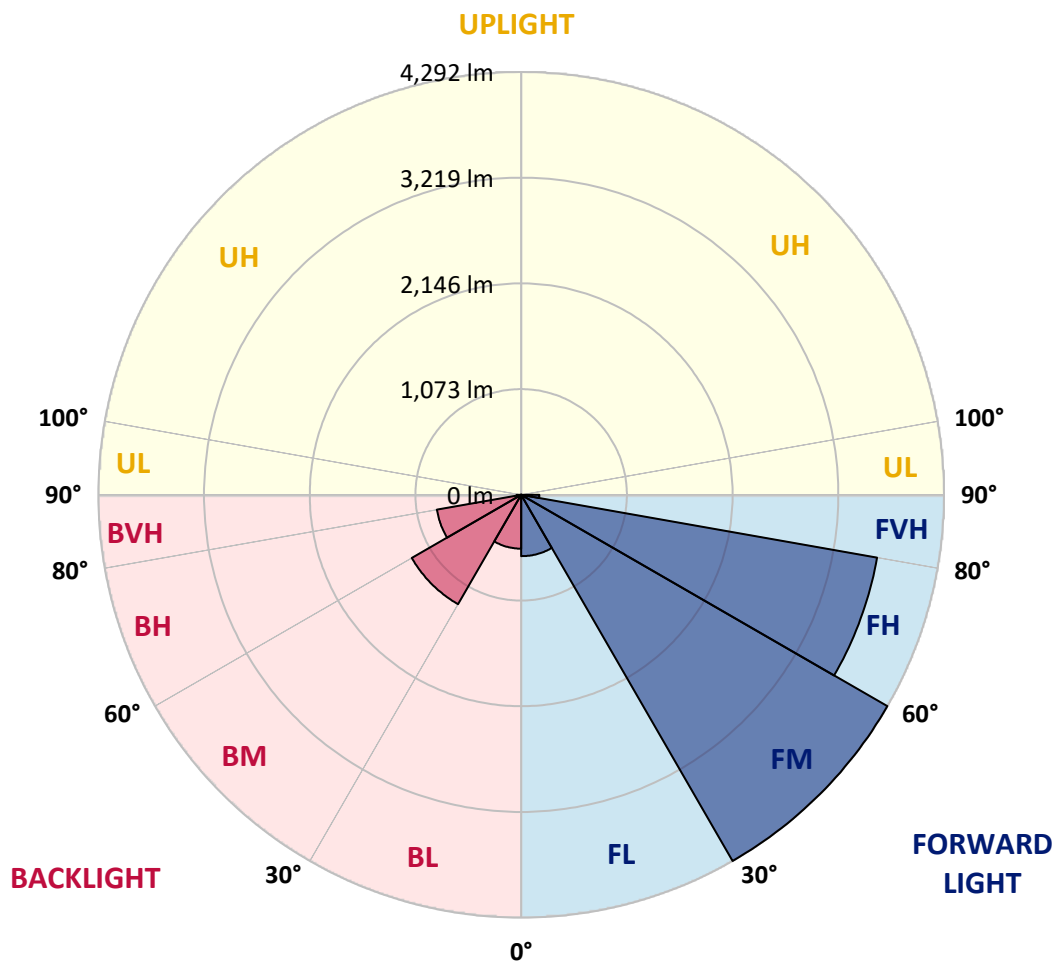
CATALOG NUMBER: ECM-E04-LED-E1-SL2

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	623.0	5.4			
FM (30°-60°)	4292.3	37.3			
FH (60°-80°)	3668.5	31.9			G2/5000
FVH (80°-90°)	183.8	1.6			G2/225
BL (0°-30°)	546.8	4.7	B2/1000		
BM (30°-60°)	1282.2	11.1	B2/2500		
BH (60°-80°)	869.2	7.6	B2/1000		G2/1000
BVH (80°-90°)	45.7	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B2-U0-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0
2.5°	1198.7	1200.0	1198.7	1202.7	1205.3	1209.3	1209.3	1209.3	1209.3	1209.3	1209.3
5°	1197.3	1198.7	1197.3	1204.0	1210.7	1218.7	1226.7	1229.3	1229.3	1230.7	1232.0
7.5°	1209.3	1210.7	1209.3	1217.3	1226.7	1240.0	1254.7	1262.7	1264.0	1265.3	1268.0
10°	1246.7	1244.0	1238.7	1246.7	1256.0	1276.0	1293.3	1306.7	1310.7	1312.0	1317.3
12.5°	1296.0	1294.7	1285.3	1281.3	1286.7	1309.3	1341.3	1360.0	1364.0	1365.3	1370.7
15°	1333.3	1329.3	1321.3	1316.0	1325.3	1349.3	1392.0	1416.0	1424.0	1425.3	1434.7
17.5°	1357.3	1354.7	1341.3	1337.3	1352.0	1389.3	1442.7	1472.0	1477.3	1481.3	1492.0
20°	1397.3	1389.3	1369.3	1352.0	1364.0	1421.3	1484.0	1514.7	1522.7	1526.7	1536.0
22.5°	1450.7	1444.0	1420.0	1376.0	1376.0	1440.0	1521.3	1556.0	1562.7	1570.7	1581.3
25°	1542.7	1537.3	1490.7	1416.0	1397.3	1458.7	1556.0	1602.7	1609.3	1618.7	1634.7
27.5°	1637.3	1630.7	1578.7	1478.7	1434.7	1493.3	1606.7	1662.7	1672.0	1682.7	1701.3
30°	1758.7	1746.7	1694.7	1578.7	1508.0	1549.3	1686.7	1757.3	1768.0	1781.3	1806.7
32.5°	2030.7	2036.0	1941.3	1818.7	1694.7	1677.3	1810.7	1897.3	1913.3	1930.7	1965.3
35°	2473.3	2452.0	2417.3	2292.0	2154.7	2018.7	2052.0	2145.3	2162.7	2168.0	2182.7
37.5°	2756.0	2768.0	2796.0	2796.0	2693.3	2636.0	2541.3	2496.0	2500.0	2505.3	2493.3
40°	2913.3	2938.7	3034.7	3164.0	3257.3	3309.3	3293.3	3081.3	3056.0	3022.7	2916.0
42.5°	3026.7	3052.0	3216.0	3464.0	3696.0	3880.0	3981.3	3814.7	3796.0	3716.0	3588.0
45°	3096.0	3116.0	3313.3	3665.3	4016.0	4329.3	4606.7	4548.0	4542.7	4474.7	4306.7
47.5°	3082.7	3100.0	3305.3	3729.3	4189.3	4614.7	5044.0	5150.7	5156.0	5138.7	5036.0
50°	2885.3	2926.7	3130.7	3588.0	4093.3	4725.3	5326.7	5605.3	5613.3	5629.3	5589.3
52.5°	2709.3	2741.3	2924.0	3333.3	3818.7	4616.0	5496.0	5938.7	6006.7	6045.3	6120.0
55°	2637.3	2656.0	2796.0	3144.0	3592.0	4324.0	5553.3	6180.0	6301.3	6374.7	6545.3
57.5°	2624.0	2638.7	2746.7	3012.0	3441.3	4022.7	5534.7	6504.0	6696.0	6834.7	7165.3
60°	2713.3	2726.7	2802.7	3025.3	3337.3	3802.7	5364.0	6930.7	7200.0	7573.3	8106.7
62.5°	2780.0	2786.7	2880.0	3192.0	3452.0	3588.0	4929.3	7229.3	7708.0	8182.7	8976.0
64°	2682.7	2669.3	2761.3	3105.3	3629.3	3496.0	4526.7	7214.7	7776.0	8302.7	9161.3
65°	2540.0	2549.3	2632.0	2936.0	3598.7	3492.0	4262.7	7054.7	7637.3	8196.0	9074.7
67.5°	1973.3	2009.3	2032.0	2310.7	2948.0	3605.3	3569.3	6036.0	6621.3	7154.7	8193.3
70°	1061.3	1057.3	1108.0	1328.0	2050.7	3060.0	3062.7	4254.7	4902.7	5565.3	6598.7
72.5°	390.7	410.7	450.7	606.7	1065.3	2208.0	2806.7	2950.7	3240.0	3766.7	4874.7
75°	224.0	226.7	234.7	285.3	513.3	1218.7	2608.0	2610.7	2632.0	2718.7	3321.3
77.5°	174.7	169.3	173.3	185.3	280.0	641.3	2092.0	2480.0	2477.3	2464.0	2552.0
80°	130.7	136.0	144.0	144.0	173.3	344.0	1189.3	2206.7	2281.3	2337.3	2369.3
82.5°	105.3	109.3	129.3	129.3	126.7	194.7	561.3	1634.7	1869.3	2021.3	2257.3
85°	68.0	72.0	109.3	108.0	102.7	114.7	293.3	548.0	590.7	720.0	1024.0
87.5°	18.7	22.7	50.7	44.0	53.3	42.7	109.3	166.7	205.3	232.0	292.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: ECM-E04-LED-E1-SL2

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0
2.5°	1209.3	1209.3	1209.3	1210.7	1210.7	1210.7	1210.7	1210.7	1212.0	1209.3	1209.3
5°	1233.3	1232.0	1233.3	1233.3	1237.3	1236.0	1237.3	1237.3	1236.0	1238.7	1238.7
7.5°	1272.0	1269.3	1272.0	1273.3	1274.7	1280.0	1280.0	1282.7	1284.0	1285.3	1282.7
10°	1318.7	1322.7	1324.0	1324.0	1330.7	1333.3	1333.3	1337.3	1341.3	1344.0	1342.7
12.5°	1376.0	1378.7	1380.0	1388.0	1389.3	1393.3	1400.0	1404.0	1404.0	1410.7	1414.7
15°	1440.0	1442.7	1450.7	1453.3	1458.7	1465.3	1469.3	1473.3	1473.3	1485.3	1489.3
17.5°	1494.7	1500.0	1505.3	1509.3	1518.7	1525.3	1532.0	1536.0	1542.7	1548.0	1557.3
20°	1541.3	1548.0	1554.7	1562.7	1569.3	1576.0	1584.0	1589.3	1597.3	1605.3	1614.7
22.5°	1586.7	1594.7	1602.7	1609.3	1618.7	1625.3	1632.0	1641.3	1646.7	1654.7	1665.3
25°	1636.0	1649.3	1657.3	1666.7	1676.0	1685.3	1693.3	1701.3	1709.3	1720.0	1730.7
27.5°	1714.7	1721.3	1732.0	1737.3	1753.3	1764.0	1774.7	1776.0	1786.7	1806.7	1809.3
30°	1817.3	1829.3	1836.0	1854.7	1857.3	1861.3	1878.7	1890.7	1904.0	1920.0	1926.7
32.5°	1972.0	1982.7	1992.0	1997.3	2012.0	2036.0	2038.7	2049.3	2072.0	2076.0	2100.0
35°	2198.7	2201.3	2216.0	2224.0	2242.7	2256.0	2262.7	2272.0	2284.0	2312.0	2318.7
37.5°	2470.7	2493.3	2474.7	2456.0	2489.3	2485.3	2493.3	2482.7	2514.7	2516.0	2528.0
40°	2893.3	2884.0	2844.0	2801.3	2781.3	2769.3	2745.3	2740.0	2757.3	2749.3	2753.3
42.5°	3516.0	3428.0	3360.0	3309.3	3246.7	3178.7	3140.0	3081.3	3081.3	3064.0	3080.0
45°	4248.0	4149.3	4022.7	3902.7	3825.3	3736.0	3644.0	3582.7	3520.0	3473.3	3514.7
47.5°	4969.3	4902.7	4761.3	4650.7	4496.0	4362.7	4217.3	4090.7	4016.0	3961.3	3969.3
50°	5596.0	5534.7	5461.3	5312.0	5194.7	5058.7	4905.3	4738.7	4577.3	4512.0	4456.0
52.5°	6124.0	6102.7	6040.0	5970.7	5874.7	5729.3	5632.0	5473.3	5282.7	5145.3	5086.7
55°	6590.7	6628.0	6661.3	6646.7	6612.0	6593.3	6473.3	6365.3	6236.0	6196.0	6074.7
57.5°	7325.3	7433.3	7561.3	7632.0	7701.3	7860.0	7898.7	7857.3	7873.3	7862.7	7798.7
60°	8365.3	8626.7	8850.7	9029.3	9220.0	9405.3	9624.0	9768.0	9828.0	10060.0	10056.0
62.5°	9257.3	9605.3	9892.0	10106.7	10329.3	10497.3	10638.7	10782.7	10958.7	11126.7	11338.7
64°	9500.0	9773.3	10006.7	10198.7	10358.7	10496.0	10604.0	10736.0	10881.3	11098.7	11333.3
65°	9374.7	9682.7	9852.0	10025.3	10169.3	10276.0	10386.7	10506.7	10690.7	10862.7	11113.3
67.5°	8522.7	8756.0	9001.3	9162.7	9301.3	9364.0	9468.0	9568.0	9670.7	9844.0	10157.3
70°	7186.7	7448.0	7801.3	7953.3	8097.3	8120.0	8217.3	8292.0	8360.0	8590.7	8745.3
72.5°	5392.0	5898.7	6245.3	6512.0	6541.3	6654.7	6694.7	6725.3	6802.7	6845.3	6892.0
75°	3716.0	4172.0	4466.7	4568.0	4692.0	4632.0	4562.7	4318.7	4320.0	4113.3	3878.7
77.5°	2614.7	2685.3	2688.0	2689.3	2525.3	2429.3	2320.0	2180.0	2125.3	2016.0	1866.7
80°	2370.7	2362.7	2313.3	2253.3	2164.0	2036.0	1904.0	1812.0	1740.0	1658.7	1552.0
82.5°	2288.0	2306.7	2270.7	2220.0	2168.0	2041.3	1889.3	1745.3	1626.7	1497.3	1366.7
85°	1114.7	1146.7	1250.7	1318.7	1334.7	1256.0	1148.0	1017.3	892.0	750.7	685.3
87.5°	334.7	358.7	366.7	389.3	417.3	380.0	334.7	300.0	241.3	209.3	164.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0
2.5°	1209.3	1210.7	1210.7	1209.3	1210.7	1210.7	1212.0	1210.7	1210.7	1210.7	1209.3
5°	1236.0	1241.3	1240.0	1240.0	1242.7	1242.7	1241.3	1244.0	1242.7	1242.7	1241.3
7.5°	1286.7	1286.7	1290.7	1292.0	1289.3	1289.3	1292.0	1293.3	1296.0	1297.3	1297.3
10°	1345.3	1352.0	1352.0	1353.3	1354.7	1358.7	1360.0	1360.0	1362.7	1362.7	1365.3
12.5°	1417.3	1420.0	1422.7	1429.3	1430.7	1430.7	1437.3	1436.0	1436.0	1442.7	1444.0
15°	1494.7	1498.7	1505.3	1508.0	1510.7	1517.3	1521.3	1525.3	1524.0	1533.3	1536.0
17.5°	1562.7	1566.7	1574.7	1581.3	1585.3	1589.3	1592.0	1597.3	1605.3	1612.0	1613.3
20°	1617.3	1622.7	1632.0	1640.0	1646.7	1650.7	1661.3	1666.7	1669.3	1674.7	1681.3
22.5°	1670.7	1680.0	1689.3	1692.0	1706.7	1710.7	1718.7	1726.7	1732.0	1744.0	1748.0
25°	1737.3	1745.3	1757.3	1765.3	1774.7	1782.7	1790.7	1797.3	1809.3	1820.0	1825.3
27.5°	1825.3	1832.0	1841.3	1856.0	1864.0	1869.3	1884.0	1897.3	1902.7	1913.3	1922.7
30°	1941.3	1948.0	1961.3	1976.0	1982.7	2000.0	2010.7	2020.0	2030.7	2045.3	2058.7
32.5°	2110.7	2118.7	2130.7	2149.3	2149.3	2161.3	2184.0	2204.0	2212.0	2229.3	2238.7
35°	2333.3	2334.7	2348.0	2376.0	2384.0	2381.3	2402.7	2421.3	2426.7	2453.3	2470.7
37.5°	2549.3	2553.3	2569.3	2580.0	2594.7	2605.3	2620.0	2648.0	2648.0	2686.7	2702.7
40°	2773.3	2793.3	2796.0	2798.7	2822.7	2865.3	2880.0	2908.0	2933.3	2970.7	2988.0
42.5°	3098.7	3120.0	3145.3	3174.7	3210.7	3234.7	3262.7	3302.7	3313.3	3360.0	3372.0
45°	3544.0	3569.3	3637.3	3644.0	3708.0	3740.0	3786.7	3840.0	3853.3	3884.0	3868.0
47.5°	3988.0	4017.3	4092.0	4169.3	4228.0	4284.0	4297.3	4320.0	4340.0	4321.3	4326.7
50°	4480.0	4522.7	4593.3	4661.3	4705.3	4769.3	4769.3	4774.7	4756.0	4725.3	4676.0
52.5°	5056.0	5062.7	5108.0	5161.3	5201.3	5214.7	5214.7	5184.0	5138.7	5089.3	4993.3
55°	6017.3	5944.0	5957.3	5957.3	5928.0	5904.0	5885.3	5810.7	5721.3	5632.0	5544.0
57.5°	7749.3	7818.7	7612.0	7556.0	7558.7	7376.0	7301.3	7173.3	7077.3	6917.3	6782.7
60°	10220.0	10172.0	10104.0	10040.0	10045.3	9804.0	9634.7	9444.0	9277.3	8925.3	8776.0
62.5°	11528.0	11698.7	11796.0	11746.7	11633.3	11482.7	11205.3	10916.0	10622.7	10324.0	10056.0
64°	11576.0	11801.3	11993.3	12073.3	12020.0	11829.3	11546.7	11186.7	10837.3	10485.3	10161.3
65°	11344.0	11629.3	11877.3	11989.3	11992.0	11824.0	11541.3	11178.7	10805.3	10397.3	10060.0
67.5°	10381.3	10709.3	10953.3	11141.3	11302.7	11217.3	11021.3	10636.0	10282.7	9820.0	9450.7
70°	8937.3	9140.0	9414.7	9689.3	9818.7	9838.7	9765.3	9570.7	9157.3	8781.3	8305.3
72.5°	6888.0	7202.7	7041.3	7210.7	7318.7	7213.3	7226.7	6894.7	6761.3	6430.7	6096.0
75°	3648.0	3658.7	3589.3	3085.3	3022.7	2792.0	3048.0	2590.7	2434.7	2290.7	2105.3
77.5°	1692.0	1473.3	1269.3	1060.0	866.7	758.7	592.0	521.3	469.3	413.3	425.3
80°	1414.7	1246.7	1068.0	885.3	744.0	601.3	482.7	374.7	300.0	252.0	229.3
82.5°	1252.0	1104.0	980.0	868.0	766.7	626.7	514.7	397.3	305.3	230.7	178.7
85°	565.3	442.7	402.7	317.3	269.3	229.3	182.7	150.7	124.0	105.3	82.7
87.5°	132.0	90.7	77.3	73.3	64.0	60.0	50.7	53.3	44.0	34.7	36.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0	1204.0
2.5°	1209.3	1209.3	1210.7	1210.7	1212.0	1214.7	1218.7	1214.7	1214.7	1214.7	1216.0
5°	1244.0	1245.3	1244.0	1244.0	1246.7	1250.7	1252.0	1244.0	1240.0	1236.0	1230.7
7.5°	1294.7	1300.0	1298.7	1298.7	1301.3	1301.3	1298.7	1286.7	1274.7	1256.0	1240.0
10°	1365.3	1368.0	1368.0	1368.0	1372.0	1374.7	1362.7	1336.0	1304.0	1270.7	1241.3
12.5°	1449.3	1448.0	1452.0	1456.0	1453.3	1453.3	1430.7	1389.3	1337.3	1282.7	1232.0
15°	1537.3	1538.7	1538.7	1545.3	1546.7	1541.3	1505.3	1441.3	1361.3	1278.7	1197.3
17.5°	1620.0	1622.7	1624.0	1629.3	1636.0	1621.3	1569.3	1482.7	1365.3	1241.3	1132.0
20°	1689.3	1693.3	1697.3	1701.3	1708.0	1697.3	1628.0	1502.7	1344.0	1181.3	1056.0
22.5°	1752.0	1758.7	1761.3	1768.0	1778.7	1765.3	1681.3	1502.7	1296.0	1116.0	970.7
25°	1828.0	1836.0	1849.3	1852.0	1870.7	1856.0	1724.0	1492.0	1241.3	1033.3	878.7
27.5°	1928.0	1936.0	1948.0	1954.7	1977.3	1957.3	1756.0	1464.0	1173.3	944.0	789.3
30°	2060.0	2068.0	2082.7	2089.3	2130.7	2064.0	1777.3	1421.3	1094.7	840.0	686.7
32.5°	2244.0	2265.3	2264.0	2281.3	2318.7	2182.7	1786.7	1361.3	996.0	734.7	590.7
35°	2485.3	2500.0	2513.3	2537.3	2554.7	2309.3	1780.0	1282.7	873.3	625.3	506.7
37.5°	2717.3	2742.7	2752.0	2768.0	2764.0	2394.7	1753.3	1160.0	740.0	528.0	449.3
40°	3006.7	3021.3	3050.7	3065.3	2994.7	2476.0	1690.7	996.0	606.7	464.0	412.0
42.5°	3392.0	3410.7	3396.0	3392.0	3256.0	2521.3	1570.7	832.0	508.0	417.3	381.3
45°	3860.0	3868.0	3824.0	3794.7	3557.3	2517.3	1396.0	677.3	440.0	382.7	354.7
47.5°	4282.7	4266.7	4209.3	4165.3	3818.7	2424.0	1177.3	558.7	404.0	354.7	333.3
50°	4632.0	4561.3	4500.0	4444.0	4028.0	2281.3	968.0	470.7	369.3	332.0	312.0
52.5°	4948.0	4852.0	4780.0	4685.3	4218.7	2093.3	801.3	410.7	334.7	309.3	289.3
55°	5416.0	5304.0	5212.0	5118.7	4556.0	1946.7	693.3	365.3	300.0	285.3	266.7
57.5°	6758.7	6458.7	6377.3	6293.3	5460.0	1914.7	630.7	329.3	273.3	262.7	250.7
60°	8594.7	8400.0	8269.3	8064.0	6961.3	2017.3	584.0	302.7	254.7	248.0	237.3
62.5°	9792.0	9557.3	9341.3	9132.0	7842.7	2014.7	526.7	285.3	244.0	242.7	226.7
64°	9868.0	9605.3	9364.0	9138.7	7870.7	1882.7	474.7	273.3	244.0	244.0	220.0
65°	9742.7	9478.7	9229.3	8994.7	7710.7	1781.3	440.0	268.0	248.0	246.7	216.0
67.5°	9104.0	8838.7	8558.7	8306.7	7033.3	1396.0	348.0	258.7	269.3	260.0	212.0
70°	7974.7	7673.3	7462.7	7281.3	6037.3	974.7	276.0	264.0	294.7	276.0	222.7
72.5°	5780.0	5534.7	5532.0	5326.7	4570.7	618.7	222.7	262.7	293.3	273.3	230.7
75°	2245.3	1925.3	1914.7	1986.7	1944.0	334.7	192.0	232.0	240.0	228.0	204.0
77.5°	384.0	377.3	373.3	393.3	433.3	185.3	176.0	197.3	178.7	161.3	169.3
80°	213.3	204.0	201.3	201.3	189.3	152.0	156.0	157.3	129.3	120.0	140.0
82.5°	148.0	137.3	132.0	128.0	124.0	136.0	138.7	124.0	93.3	92.0	130.7
85°	72.0	68.0	66.7	66.7	76.0	128.0	114.7	96.0	62.7	62.7	141.3
87.5°	30.7	30.7	26.7	26.7	41.3	81.3	52.0	40.0	25.3	29.3	57.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1204.0	1204.0	1204.0
2.5°	1214.7	1217.3	1216.0
5°	1224.0	1224.0	1221.3
7.5°	1222.7	1217.3	1214.7
10°	1214.7	1200.0	1198.7
12.5°	1193.3	1169.3	1162.7
15°	1132.0	1100.0	1092.0
17.5°	1054.7	1017.3	1006.7
20°	966.7	924.0	909.3
22.5°	881.3	832.0	817.3
25°	788.0	738.7	730.7
27.5°	685.3	638.7	626.7
30°	590.7	550.7	541.3
32.5°	505.3	477.3	477.3
35°	449.3	425.3	425.3
37.5°	405.3	394.7	393.3
40°	376.0	366.7	365.3
42.5°	353.3	342.7	341.3
45°	329.3	318.7	318.7
47.5°	306.7	294.7	296.0
50°	284.0	274.7	274.7
52.5°	265.3	256.0	254.7
55°	248.0	238.7	237.3
57.5°	232.0	221.3	220.0
60°	216.0	205.3	202.7
62.5°	202.7	190.7	188.0
64°	194.7	182.7	180.0
65°	190.7	177.3	176.0
67.5°	186.7	169.3	168.0
70°	201.3	166.7	160.0
72.5°	202.7	162.7	154.7
75°	192.0	154.7	148.0
77.5°	169.3	141.3	133.3
80°	162.7	110.7	97.3
82.5°	149.3	90.7	76.0
85°	122.7	58.7	54.7
87.5°	70.7	38.7	28.0
90°	0.0	0.0	0.0

(END OF REPORT)