

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: P180487

Luminaire Tested: **ICM-E04-LED-E1-SL2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180487
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-E04-LED-E1-SL2-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10382.8 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

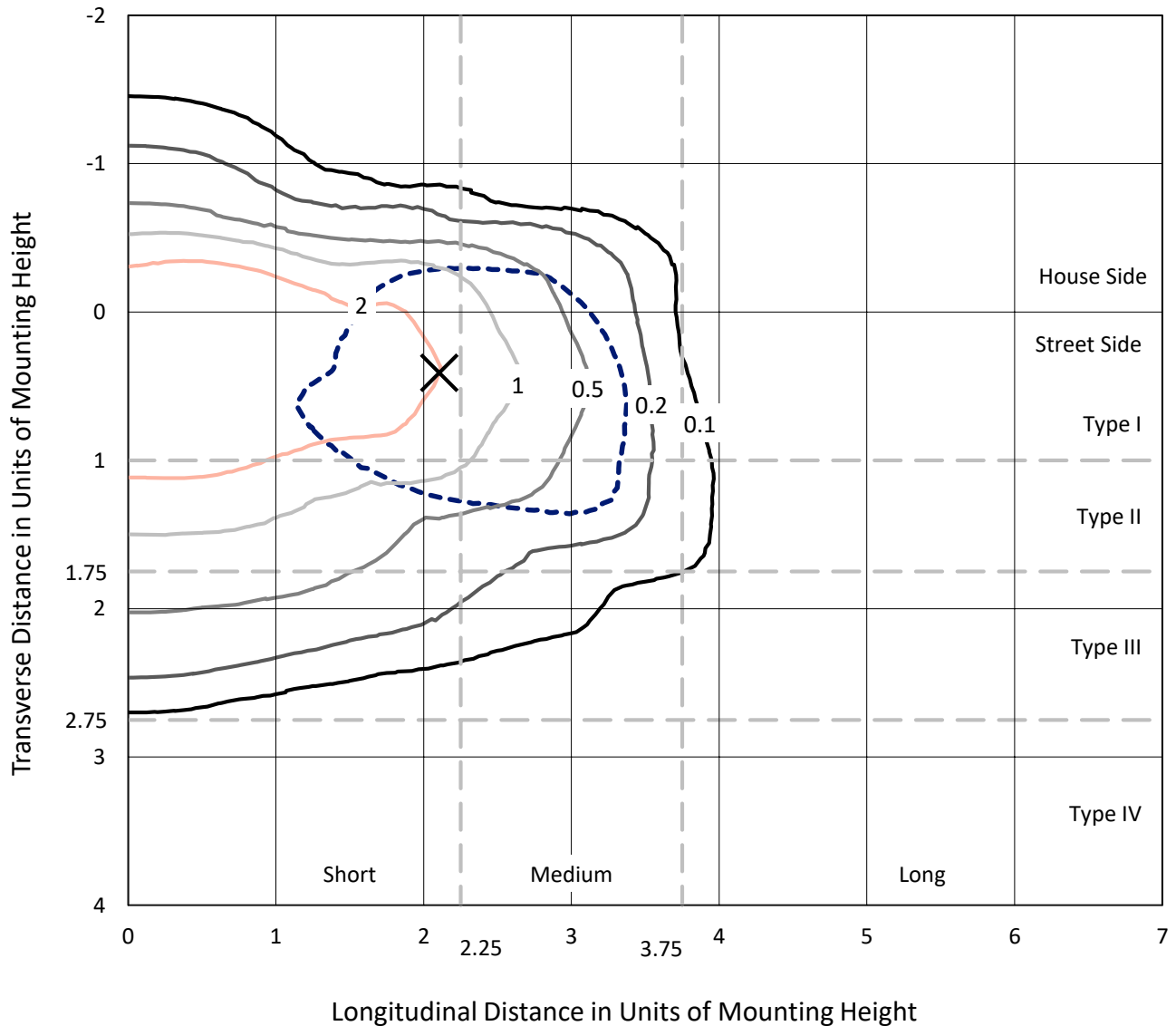
Input Watts (W): 97.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

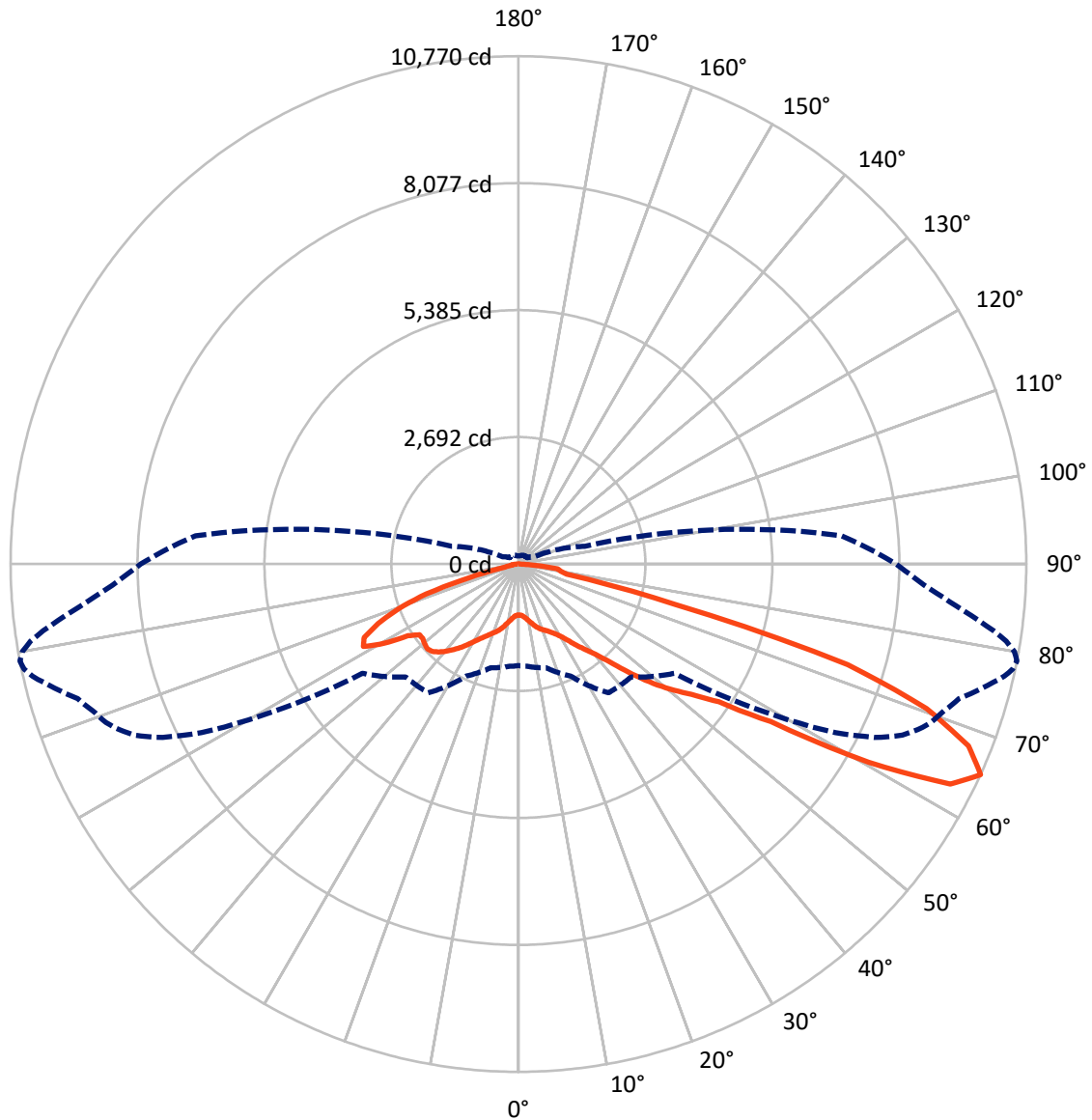
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.6 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2454.5	0.0	2454.5
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	7928.4	0.0	7928.4
	% Fixture	76.4	0.0	76.4
Total	Lumens	10382.8	0.0	10382.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.4	1.0
10°-20°	351.3	3.4
20°-30°	606.7	5.8
30°-40°	1004.3	9.7
40°-50°	1703.3	16.4
50°-60°	2263.2	21.8
60°-70°	2923.5	28.2
70°-80°	1226.1	11.8
80°-90°	197.0	1.9
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°	10382.8	100.0
0°-180°	10382.8	100.0



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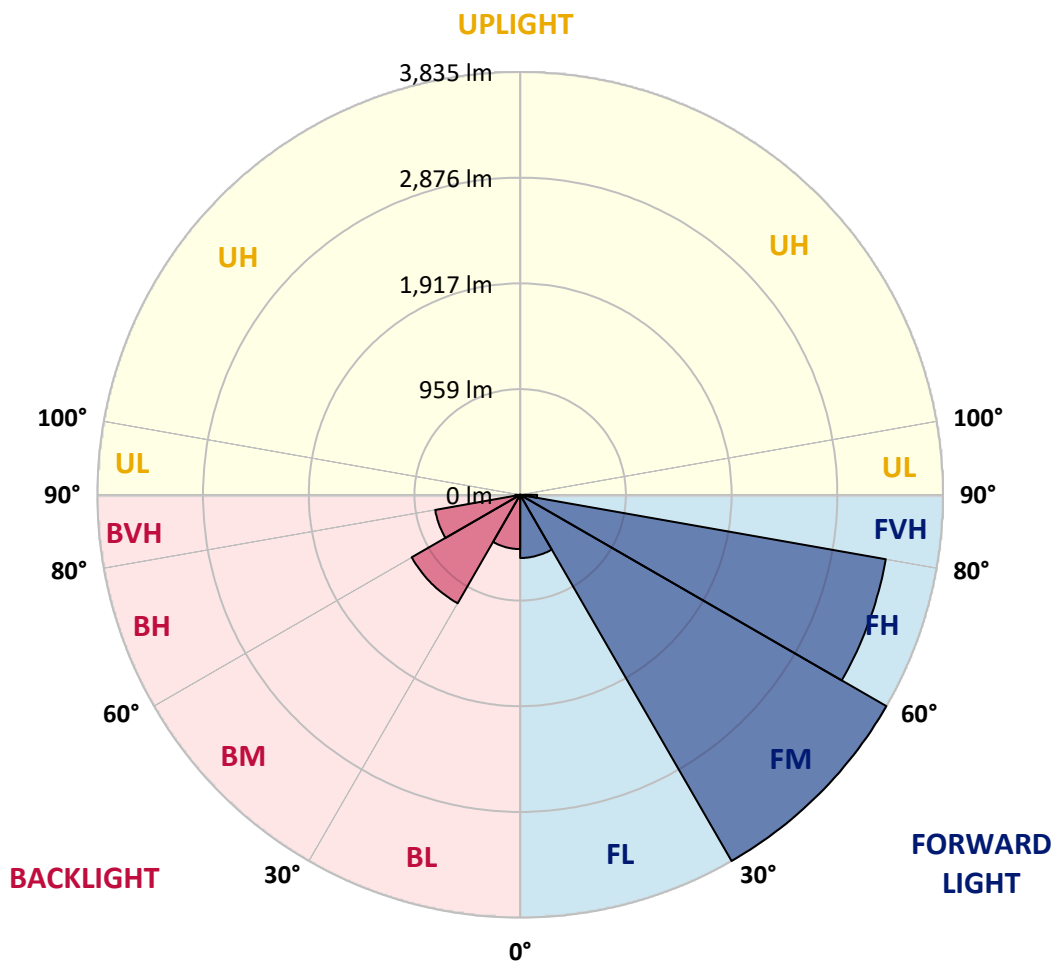
CATALOG NUMBER: ICM-E04-LED-E1-SL2-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	572.9	5.5			
FM	(30°-60°)	3834.7	36.9			
FH	(60°-80°)	3366.8	32.4			G2/5000
FVH	(80°-90°)	154.0	1.5			G2/225
BL	(0°-30°)	492.6	4.7	B1/500		
BM	(30°-60°)	1136.2	10.9	B2/2500		
BH	(60°-80°)	782.8	7.5	B2/1000		G2/1000
BVH	(80°-90°)	43.0	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°	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8
2.5°	1077.3	1080.8	1078.4	1080.8	1083.0	1084.1	1086.4	1085.3	1085.3	1086.4	1084.1
5°	1077.3	1077.3	1080.8	1086.4	1088.7	1095.4	1103.4	1102.2	1103.4	1102.2	1104.6
7.5°	1100.0	1098.9	1102.2	1109.0	1111.4	1121.5	1135.1	1137.4	1139.6	1139.6	1143.1
10°	1139.6	1138.5	1141.9	1145.3	1148.7	1156.7	1175.9	1183.8	1184.9	1186.1	1190.6
12.5°	1189.5	1188.4	1183.8	1183.8	1182.7	1197.4	1223.4	1238.2	1240.5	1245.0	1248.4
15°	1224.6	1221.2	1214.4	1209.9	1215.5	1239.4	1277.9	1294.8	1297.1	1300.5	1309.6
17.5°	1258.6	1255.2	1240.5	1229.1	1237.0	1275.5	1327.7	1345.8	1350.3	1353.8	1363.9
20°	1306.1	1303.9	1282.4	1255.2	1252.9	1302.8	1366.2	1390.0	1393.4	1398.0	1408.1
22.5°	1378.7	1368.5	1343.5	1292.6	1267.6	1318.6	1393.4	1426.2	1430.8	1435.4	1448.9
25°	1469.3	1464.8	1421.7	1343.5	1291.4	1334.5	1422.9	1463.6	1470.4	1476.1	1494.2
27.5°	1563.4	1556.6	1510.1	1408.1	1333.4	1366.2	1469.3	1515.7	1524.8	1533.9	1550.9
30°	1647.2	1644.8	1606.3	1495.4	1401.3	1426.2	1544.1	1600.8	1610.9	1622.2	1638.1
32.5°	1844.3	1845.4	1805.8	1692.5	1565.6	1535.0	1651.7	1736.7	1741.2	1754.8	1783.1
35°	2221.5	2226.1	2211.3	2121.8	1979.1	1853.3	1864.7	1948.5	1953.0	1964.4	1991.5
37.5°	2474.2	2483.2	2528.5	2556.9	2484.3	2426.5	2282.7	2249.9	2253.2	2246.4	2240.8
40°	2613.5	2627.1	2746.0	2893.3	2972.6	2973.7	2911.4	2766.4	2710.9	2695.0	2627.1
42.5°	2692.8	2715.5	2884.2	3135.7	3363.4	3519.7	3558.3	3397.4	3356.6	3284.1	3153.9
45°	2744.9	2772.1	2971.5	3315.8	3651.2	3917.4	4117.9	4046.5	4019.4	3975.2	3855.1
47.5°	2735.8	2757.3	2964.7	3377.0	3801.8	4180.2	4535.9	4609.5	4576.7	4565.3	4483.8
50°	2570.4	2589.7	2800.4	3225.2	3719.1	4279.9	4801.0	5009.4	5009.4	5031.0	5006.1
52.5°	2393.7	2409.6	2601.0	2982.8	3451.7	4182.4	4948.3	5293.8	5339.1	5376.5	5435.4
55°	2326.9	2346.2	2491.1	2817.4	3224.1	3903.7	4998.1	5506.7	5590.5	5654.0	5787.7
57.5°	2358.6	2377.9	2480.9	2727.9	3090.4	3619.5	5000.4	5793.3	5955.4	6085.6	6356.4
60°	2495.6	2513.8	2599.9	2810.6	3055.3	3455.2	4904.1	6249.9	6508.2	6752.9	7203.8
62.5°	2432.2	2454.9	2580.6	2947.6	3317.0	3330.5	4556.3	6603.4	7019.1	7380.5	8097.5
65°	2154.7	2178.4	2277.0	2620.3	3332.9	3385.0	4040.9	6610.2	7126.7	7615.0	8388.7
67.5°	1635.8	1644.8	1723.1	1998.3	2665.6	3445.0	3510.7	5827.4	6319.0	6863.9	7662.6
70°	836.0	851.9	874.5	1103.4	1716.3	2846.8	3016.8	4294.6	4921.1	5484.1	6443.6
72.5°	290.0	295.6	318.3	421.4	836.0	1868.1	2640.7	2943.1	3321.5	3848.3	4959.6
75°	174.4	174.4	182.4	212.9	381.8	973.1	2349.5	2403.9	2454.9	2631.6	3358.9
77.5°	138.2	140.5	140.5	146.1	211.8	499.5	1784.2	2235.1	2241.9	2258.9	2381.2
80°	98.5	103.1	112.2	116.7	137.1	274.1	1001.4	1962.1	2095.7	2160.3	2249.9
82.5°	73.7	78.1	95.2	100.8	106.5	152.9	449.8	1353.8	1597.3	1726.4	2041.4
85°	32.8	38.5	64.6	71.3	74.8	81.6	210.7	385.2	443.0	497.3	655.9
87.5°	5.7	5.7	10.2	14.7	21.5	20.4	46.4	65.7	66.9	78.1	87.3
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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CATALOG NUMBER: ICM-E04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8
2.5°	1084.1	1084.1	1084.1	1083.0	1084.1	1084.1	1084.1	1084.1	1085.3	1085.3	1085.3
5°	1107.9	1105.7	1106.8	1106.8	1106.8	1105.7	1107.9	1106.8	1107.9	1111.4	1110.1
7.5°	1143.1	1145.3	1146.4	1147.5	1147.5	1147.5	1148.7	1151.0	1151.0	1154.3	1153.2
10°	1195.2	1194.1	1195.2	1198.5	1202.0	1203.1	1206.5	1205.3	1207.6	1212.1	1216.7
12.5°	1250.7	1252.9	1256.3	1259.7	1265.4	1266.5	1270.0	1271.1	1277.9	1277.9	1282.4
15°	1312.9	1314.1	1320.9	1322.1	1328.8	1331.1	1336.8	1339.0	1347.0	1348.1	1352.7
17.5°	1369.6	1371.9	1375.3	1378.7	1386.6	1390.0	1394.5	1399.1	1405.9	1408.1	1416.1
20°	1414.9	1419.5	1420.6	1427.4	1434.1	1438.7	1443.3	1447.7	1454.6	1458.0	1465.9
22.5°	1455.7	1460.2	1463.6	1469.3	1473.9	1480.7	1482.9	1490.8	1497.6	1503.3	1510.1
25°	1499.9	1506.7	1510.1	1520.3	1523.6	1530.4	1536.1	1544.1	1553.1	1559.9	1569.0
27.5°	1562.1	1572.4	1576.9	1588.3	1596.2	1599.5	1608.7	1620.0	1627.9	1635.8	1644.8
30°	1648.3	1667.5	1671.0	1678.9	1693.6	1695.8	1707.2	1716.3	1728.8	1736.7	1744.6
32.5°	1782.0	1805.8	1808.0	1817.1	1829.5	1834.1	1843.2	1853.3	1872.6	1876.0	1888.5
35°	1987.0	1997.2	2006.2	2009.7	2019.8	2025.5	2032.3	2043.6	2062.9	2060.7	2074.2
37.5°	2232.9	2236.2	2237.4	2226.1	2228.3	2218.2	2230.5	2232.9	2239.6	2245.3	2258.9
40°	2584.0	2548.9	2544.4	2517.2	2490.0	2475.3	2469.6	2446.9	2452.6	2454.9	2466.2
42.5°	3097.2	3029.2	2972.6	2934.1	2867.3	2834.3	2790.2	2755.1	2727.9	2738.1	2742.6
45°	3747.5	3650.1	3559.4	3441.6	3354.3	3292.0	3213.9	3143.6	3111.9	3097.2	3115.4
47.5°	4396.6	4310.4	4204.0	4082.8	3944.6	3841.5	3711.2	3596.8	3517.5	3488.0	3503.9
50°	4957.3	4878.0	4797.6	4726.3	4565.3	4453.2	4275.4	4126.9	4002.4	3938.9	3921.9
52.5°	5422.9	5381.1	5338.0	5277.9	5148.8	5036.6	4895.0	4748.9	4583.5	4454.4	4410.2
55°	5838.6	5863.6	5842.1	5843.2	5792.2	5720.9	5600.8	5492.0	5376.5	5230.4	5169.1
57.5°	6444.8	6592.0	6621.4	6695.1	6731.4	6769.9	6803.9	6739.3	6709.8	6601.1	6602.2
60°	7399.8	7615.0	7801.9	7971.9	8111.2	8247.1	8389.8	8453.3	8523.5	8556.3	8668.5
62.5°	8415.9	8621.0	8899.6	9127.3	9255.3	9432.1	9587.2	9688.1	9811.6	9942.9	10114.0
65°	8667.4	8914.4	9089.9	9241.7	9368.6	9462.7	9547.6	9667.7	9770.8	9979.2	10180.9
67.5°	8022.8	8220.0	8380.8	8530.3	8628.9	8708.1	8784.1	8863.4	9040.1	9229.3	9432.1
70°	6886.6	7124.4	7390.6	7584.4	7633.1	7701.1	7773.5	7876.7	7965.1	8163.3	8317.4
72.5°	5532.8	5874.9	6100.4	6368.9	6426.6	6529.7	6570.5	6650.9	6666.8	6774.4	6815.2
75°	3856.2	4248.2	4474.7	4671.8	4710.4	4653.7	4676.4	4392.0	4319.6	4260.6	4213.0
77.5°	2545.5	2650.9	2687.1	2655.4	2503.6	2384.7	2257.8	2133.1	2146.7	2045.9	1869.2
80°	2263.5	2287.2	2254.3	2222.6	2135.5	2010.8	1896.4	1779.7	1722.0	1660.8	1570.1
82.5°	2202.2	2294.0	2304.2	2265.7	2196.6	2060.7	1922.4	1749.1	1601.9	1465.9	1327.7
85°	736.4	896.1	967.4	1034.3	1054.7	1078.4	996.9	885.9	752.2	662.7	518.9
87.5°	94.0	116.7	134.8	115.5	134.8	158.6	114.4	128.0	129.1	80.5	60.0
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°	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8
2.5°	1086.4	1085.3	1085.3	1085.3	1084.1	1085.3	1085.3	1085.3	1085.3	1085.3	1084.1
5°	1111.4	1111.4	1114.7	1115.8	1113.6	1112.5	1113.6	1114.7	1114.7	1113.6	1114.7
7.5°	1157.8	1158.9	1161.1	1164.6	1162.3	1163.4	1164.6	1163.4	1166.8	1168.0	1166.8
10°	1216.7	1219.0	1224.6	1225.8	1224.6	1229.1	1230.2	1228.0	1230.2	1230.2	1234.8
12.5°	1284.7	1286.9	1293.7	1296.0	1298.2	1299.4	1302.8	1303.9	1307.3	1309.6	1312.9
15°	1358.2	1360.6	1365.0	1373.0	1375.3	1377.5	1379.8	1386.6	1387.7	1392.3	1395.6
17.5°	1420.6	1424.0	1430.8	1436.5	1439.8	1445.5	1447.7	1455.7	1458.0	1464.8	1470.4
20°	1470.4	1476.1	1481.8	1488.6	1494.2	1501.0	1503.3	1511.2	1515.7	1519.2	1526.0
22.5°	1515.7	1522.5	1530.4	1538.4	1542.9	1552.0	1555.4	1558.8	1569.0	1573.5	1580.3
25°	1574.6	1581.4	1590.5	1600.8	1605.2	1616.6	1620.0	1625.6	1636.9	1641.5	1651.7
27.5°	1655.1	1664.1	1671.0	1681.1	1686.8	1694.7	1702.7	1709.5	1719.6	1726.4	1737.8
30°	1755.9	1762.7	1774.1	1782.0	1791.0	1802.3	1811.5	1818.2	1823.9	1834.1	1846.5
32.5°	1904.3	1905.4	1908.8	1928.1	1937.1	1946.2	1958.7	1964.4	1973.4	1983.6	1997.2
35°	2088.9	2099.2	2107.1	2116.2	2126.3	2136.6	2141.0	2158.1	2166.0	2179.5	2193.2
37.5°	2272.5	2273.6	2291.7	2297.4	2306.4	2316.7	2332.6	2349.5	2369.9	2383.5	2405.0
40°	2469.6	2478.6	2501.3	2512.7	2524.0	2548.9	2561.3	2588.6	2622.5	2641.8	2678.1
42.5°	2755.1	2768.7	2809.4	2827.6	2854.8	2895.6	2921.6	2959.0	2972.6	3019.0	3036.0
45°	3128.9	3170.8	3229.7	3268.3	3317.0	3361.1	3383.8	3400.8	3421.2	3457.4	3453.0
47.5°	3533.3	3587.7	3653.4	3732.8	3764.5	3816.6	3846.0	3878.8	3860.8	3851.7	3842.6
50°	3947.9	4011.4	4098.6	4170.0	4218.7	4250.4	4275.4	4270.8	4232.3	4211.9	4155.3
52.5°	4409.1	4446.4	4529.1	4590.3	4619.7	4626.5	4620.9	4586.9	4550.6	4486.1	4419.2
55°	5115.9	5098.9	5131.8	5160.1	5151.0	5182.7	5101.2	5069.5	4980.0	4896.1	4806.6
57.5°	6552.4	6575.0	6391.5	6308.8	6294.1	6323.6	6179.7	6161.5	5945.2	5918.0	5767.3
60°	8652.7	8763.7	8619.8	8539.4	8321.9	8250.5	8089.6	8022.8	7815.5	7647.9	7436.0
62.5°	10231.9	10332.7	10392.7	10278.3	10151.4	9964.5	9720.9	9451.3	9231.6	8974.4	8750.1
65°	10374.6	10578.5	10716.7	10769.9	10680.4	10475.4	10175.2	9835.3	9498.9	9176.1	8892.8
67.5°	9707.3	9889.7	10103.9	10295.3	10306.6	10172.9	9916.9	9571.4	9182.8	8784.1	8452.1
70°	8560.9	8789.7	8976.7	9178.3	9318.8	9241.7	9113.7	8796.5	8393.3	8082.8	7701.1
72.5°	6962.5	7058.7	7104.0	7302.3	7304.6	7164.1	7073.4	6897.9	6572.8	6353.0	6061.9
75°	4065.8	3854.0	3628.5	3432.5	3272.8	3206.0	2909.1	2859.3	2659.9	2536.5	2355.2
77.5°	1676.6	1487.5	1243.8	1041.1	840.6	750.0	618.5	560.7	486.0	453.1	431.6
80°	1437.6	1258.6	1075.1	899.4	743.2	586.8	456.6	354.6	278.7	236.7	219.8
82.5°	1173.6	1066.1	938.0	842.8	720.5	603.8	509.8	395.4	295.6	217.5	166.5
85°	423.7	347.8	279.8	257.1	205.0	168.8	141.6	121.2	99.7	79.3	70.2
87.5°	47.5	45.3	26.0	24.9	28.3	20.4	23.8	21.5	18.1	15.8	17.0
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: ICM-E04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8	1080.8
2.5°	1084.1	1084.1	1085.3	1085.3	1086.4	1087.5	1089.8	1088.7	1088.7	1089.8	1089.8
5°	1114.7	1118.1	1117.0	1117.0	1117.0	1118.1	1119.3	1114.7	1110.1	1105.7	1103.4
7.5°	1168.0	1170.2	1172.5	1170.2	1172.5	1171.4	1169.1	1156.7	1141.9	1123.8	1111.4
10°	1237.0	1237.0	1239.4	1238.2	1242.7	1239.4	1232.6	1204.2	1172.5	1134.0	1105.7
12.5°	1311.8	1319.7	1316.4	1317.5	1326.5	1317.5	1301.7	1259.7	1203.1	1140.8	1090.9
15°	1400.2	1403.6	1405.9	1402.4	1408.1	1400.2	1371.9	1305.0	1222.3	1135.1	1061.5
17.5°	1472.7	1473.9	1475.0	1477.2	1485.1	1476.1	1427.4	1336.8	1226.9	1109.0	1011.6
20°	1529.3	1535.0	1539.5	1539.5	1550.9	1537.3	1472.7	1352.7	1212.1	1066.1	948.2
22.5°	1588.3	1592.8	1598.4	1599.5	1614.3	1600.8	1510.1	1349.2	1173.6	1004.8	874.5
25°	1660.8	1665.3	1669.8	1675.5	1695.8	1676.6	1547.5	1335.6	1120.4	932.3	795.3
27.5°	1744.6	1754.8	1758.2	1767.3	1791.0	1761.6	1579.2	1315.3	1061.5	848.5	711.4
30°	1856.8	1869.2	1873.7	1886.2	1919.1	1854.4	1597.3	1280.1	986.7	763.5	622.0
32.5°	2007.4	2024.4	2038.0	2051.5	2088.9	1947.4	1599.5	1229.1	899.4	668.4	535.8
35°	2204.5	2230.5	2240.8	2249.9	2284.9	2048.2	1589.4	1153.2	793.0	571.0	467.9
37.5°	2425.4	2451.5	2458.2	2462.8	2469.6	2134.2	1564.5	1037.7	672.9	486.0	413.5
40°	2697.3	2719.9	2729.0	2722.2	2686.0	2201.1	1508.9	902.9	556.2	428.2	379.5
42.5°	3029.2	3063.2	3066.6	3036.0	2915.9	2238.5	1398.0	744.3	464.5	386.3	353.5
45°	3440.5	3438.2	3418.9	3397.4	3166.3	2223.7	1242.7	606.1	406.7	353.5	329.7
47.5°	3809.8	3771.3	3741.8	3678.3	3387.2	2137.7	1042.2	501.9	371.5	328.6	309.3
50°	4112.2	4042.0	3979.7	3910.5	3551.5	1984.8	842.8	426.0	338.7	307.0	290.0
52.5°	4351.3	4266.3	4193.8	4125.8	3710.1	1814.8	691.1	370.4	307.0	285.5	268.5
55°	4725.1	4640.1	4524.6	4449.8	3952.5	1658.5	592.5	326.2	276.4	262.8	245.9
57.5°	5671.0	5596.2	5458.1	5264.3	4575.6	1599.5	536.9	292.3	251.5	243.5	230.0
60°	7322.7	7201.5	7021.3	6824.2	5842.1	1639.3	492.7	268.5	234.5	227.7	217.5
62.5°	8568.8	8355.9	8152.0	7969.5	6854.8	1638.1	435.0	250.3	222.0	218.6	208.5
65°	8619.8	8403.4	8198.4	8006.9	6877.5	1458.0	367.1	234.5	219.8	218.6	201.7
67.5°	8162.2	7927.7	7729.4	7488.1	6366.6	1139.6	294.5	224.3	228.8	226.6	199.4
70°	7414.5	7108.6	6945.4	6707.6	5603.0	797.5	242.4	227.7	248.1	241.3	202.8
72.5°	5819.4	5588.3	5340.2	5174.8	4386.4	504.1	203.9	230.0	256.0	244.7	211.8
75°	2166.0	2228.3	2126.3	2090.1	2228.3	295.6	181.2	214.1	228.8	211.8	192.6
77.5°	437.3	418.0	396.5	392.0	506.4	182.4	166.5	185.8	175.6	155.2	156.4
80°	209.6	203.9	197.1	196.0	188.1	151.8	154.0	158.6	132.6	120.1	128.0
82.5°	139.3	131.4	129.1	124.7	126.9	135.9	146.1	135.9	102.0	95.2	115.5
85°	64.6	62.3	61.2	61.2	68.0	122.3	121.2	99.7	70.2	68.0	115.5
87.5°	15.8	15.8	17.0	15.8	18.1	36.3	31.7	30.6	26.0	29.5	54.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P180487

CATALOG NUMBER: ICM-E04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1080.8	1080.8	1080.8
2.5°	1088.7	1089.8	1088.7
5°	1098.9	1098.9	1098.9
7.5°	1098.9	1095.4	1094.3
10°	1083.0	1072.8	1072.8
12.5°	1055.8	1038.8	1036.6
15°	1004.8	982.1	978.8
17.5°	940.3	909.7	904.0
20°	867.7	829.2	822.4
22.5°	788.5	744.3	740.8
25°	710.3	664.9	655.9
27.5°	623.1	578.9	574.3
30°	535.8	497.3	495.1
32.5°	462.2	438.4	433.9
35°	410.0	396.5	390.8
37.5°	376.1	365.9	364.7
40°	350.0	341.0	339.8
42.5°	328.6	320.6	319.4
45°	307.0	300.2	298.0
47.5°	285.5	278.7	277.6
50°	266.2	257.1	256.0
52.5°	248.1	239.1	236.7
55°	231.1	222.0	222.0
57.5°	216.4	207.4	206.1
60°	202.8	193.7	192.6
62.5°	192.6	181.2	180.1
65°	184.7	173.3	171.1
67.5°	180.1	166.5	163.2
70°	188.1	163.2	157.5
72.5°	189.2	159.7	151.8
75°	182.4	150.7	145.0
77.5°	159.7	134.8	129.1
80°	138.2	104.2	96.3
82.5°	131.4	84.9	73.7
85°	102.0	55.5	52.1
87.5°	57.8	30.6	24.9
90°	0.0	0.0	0.0

(END OF REPORT)