

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: P181334

Luminaire Tested: **ICM-F02-LED-E1-T3-HSS**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181334  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F02-LED-E1-T3-HSS  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD  
Light Source: (14) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2504 lumens  
Efficiency: N/A  
Efficacy: 45.5 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

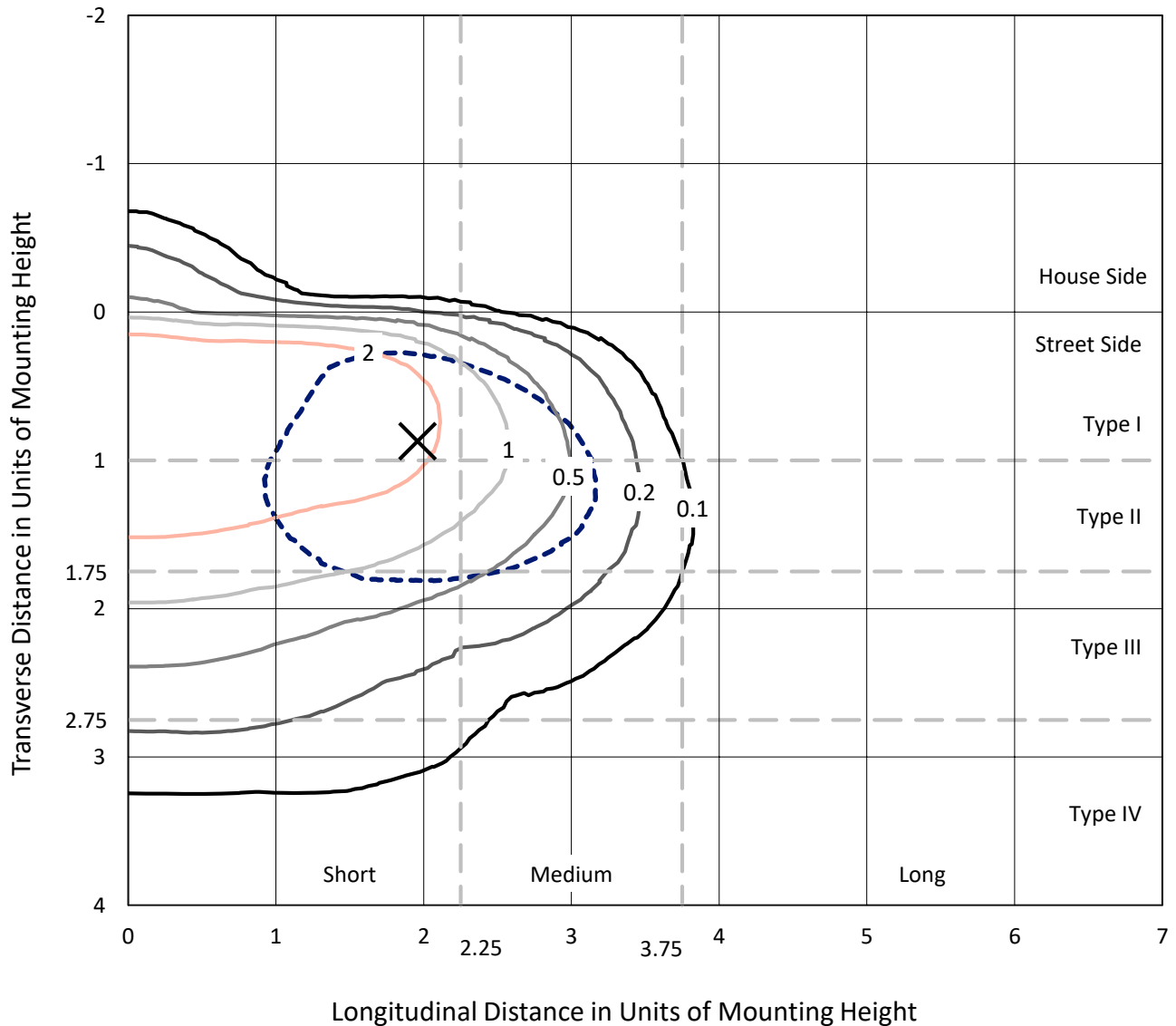


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### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

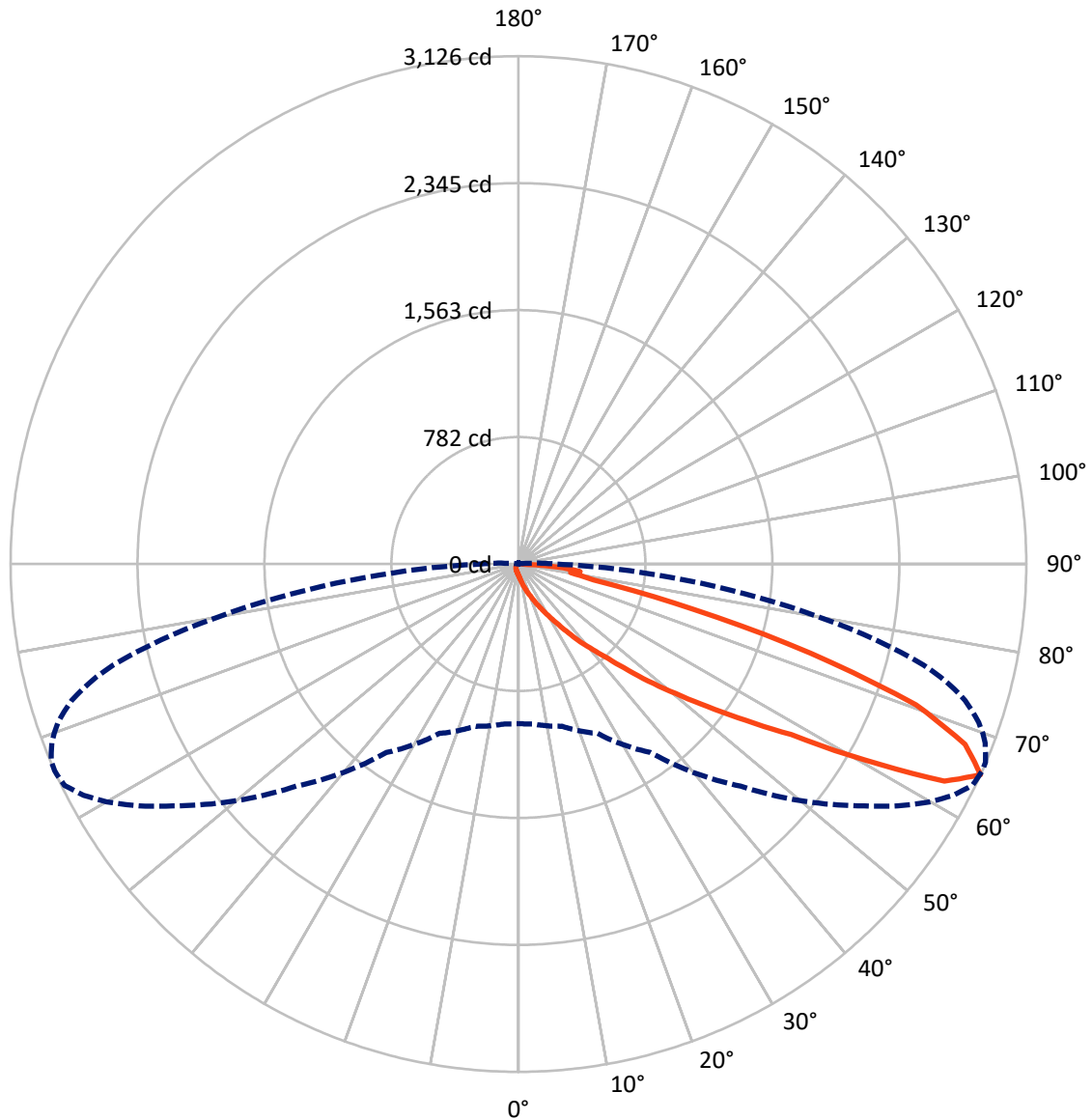


Based on 10 foot mounting height. Maximum calculated value = 3.6 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

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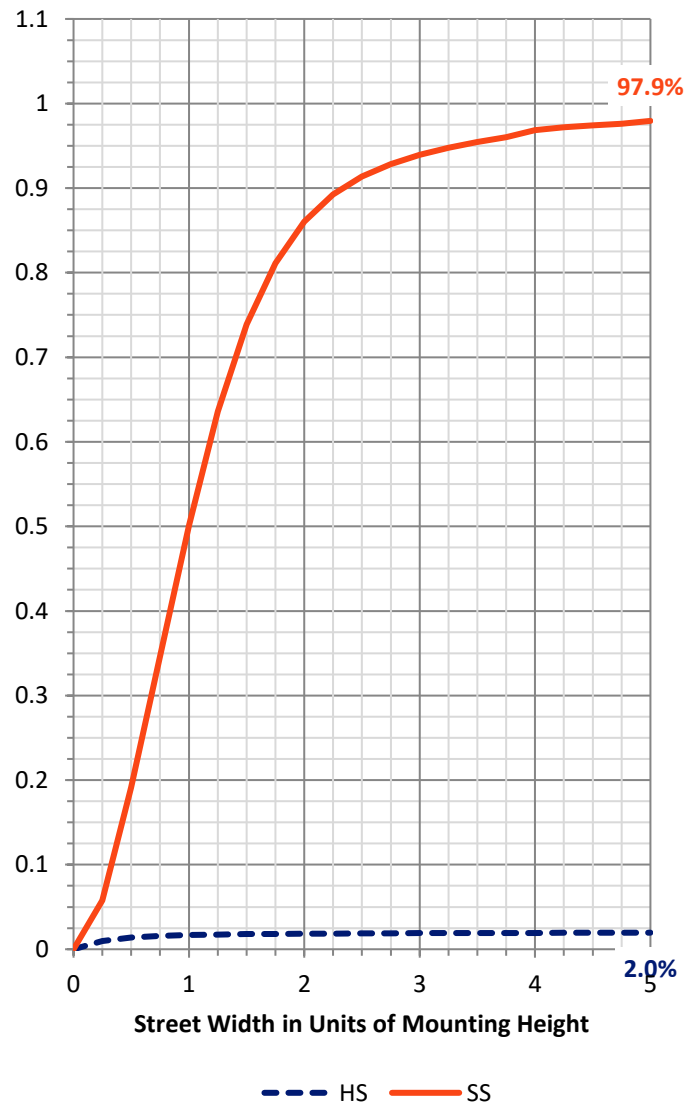
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	50.3	0.0	50.3
	% Fixture	2.0	0.0	2.0
<b>Street Side</b>	Lumens	2453.7	0.0	2453.7
	% Fixture	98.0	0.0	98.0
<b>Total</b>	Lumens	2504.0	0.0	2504.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	8.5	0.3
10°-20°	40.7	1.6
20°-30°	93.0	3.7
30°-40°	177.0	7.1
40°-50°	355.2	14.2
50°-60°	628.4	25.1
60°-70°	821.1	32.8
70°-80°	337.6	13.5
80°-90°	42.6	1.7
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°	2504.0	100.0
0°-180°	2504.0	100.0



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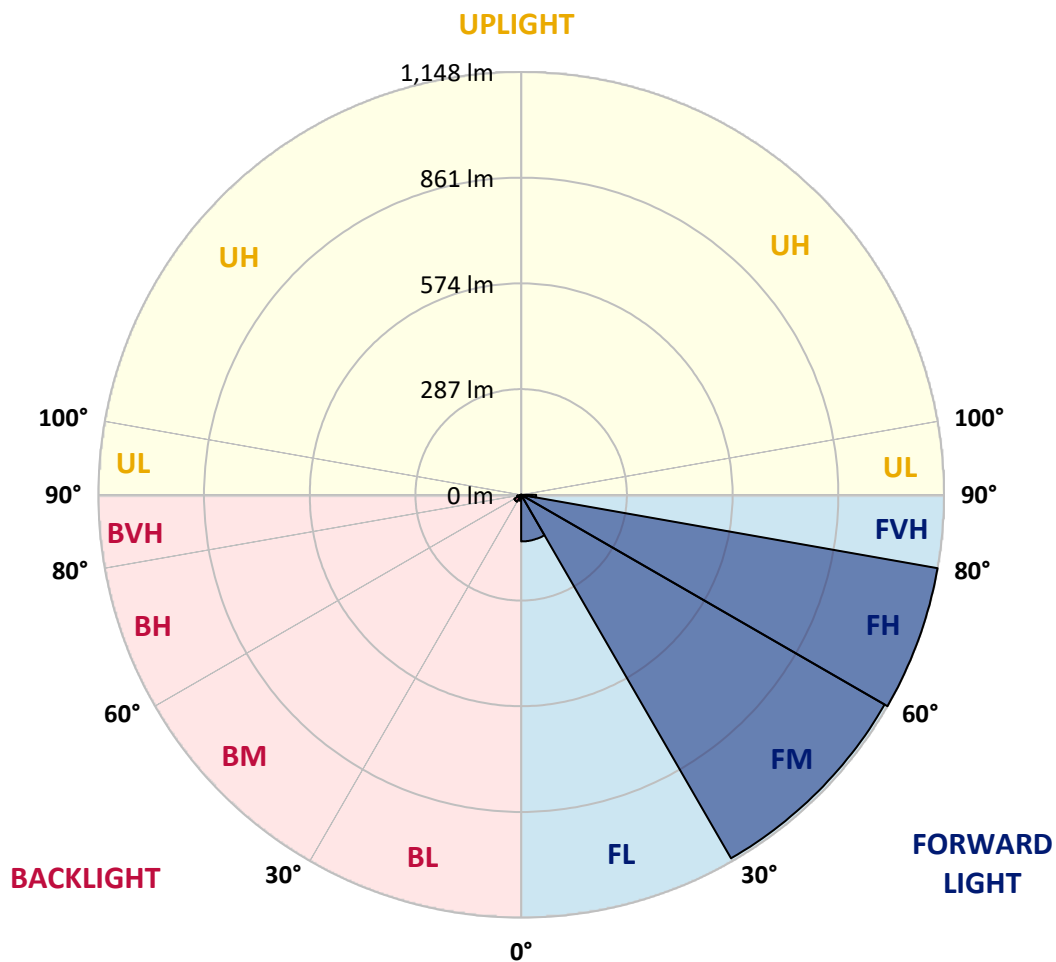
CATALOG NUMBER: ICM-F02-LED-E1-T3-HSS

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	126.5	5.1			
FM	(30°-60°)	1139.0	45.5			
FH	(60°-80°)	1147.5	45.8			G1/1800
FVH	(80°-90°)	40.6	1.6			G1/100
BL	(0°-30°)	15.7	0.6	B0/110		
BM	(30°-60°)	21.5	0.9	B0/220		
BH	(60°-80°)	11.1	0.4	B0/110		G0/110
BVH	(80°-90°)	1.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
2.5°	92.2	90.6	91.2	88.1	86.0	83.4	81.4	80.9	80.4	79.3	79.9
5°	132.6	131.1	127.4	121.3	115.7	107.0	98.3	97.8	96.3	94.7	93.7
7.5°	184.3	181.8	177.7	167.4	153.6	138.2	120.8	119.3	117.2	115.2	113.1
10°	244.2	242.7	235.0	223.3	202.2	177.1	148.0	146.4	141.8	139.3	137.2
12.5°	307.2	300.6	297.5	276.9	252.9	218.6	181.2	175.6	172.0	168.5	163.3
15°	354.8	355.8	348.7	332.3	304.1	264.2	217.6	211.4	206.3	199.6	193.5
17.5°	397.8	395.7	388.1	377.9	351.2	310.8	256.5	248.3	240.1	236.6	227.8
20°	432.6	431.5	425.4	415.7	395.3	356.3	297.5	290.8	281.6	275.4	265.7
22.5°	460.3	460.3	456.7	451.1	431.1	399.8	340.9	333.8	324.6	316.9	306.1
25°	482.2	481.8	482.2	479.7	466.4	437.7	385.5	377.3	369.7	360.4	350.1
27.5°	507.4	508.4	507.4	505.8	500.2	477.1	430.5	424.9	416.2	406.5	396.3
30°	546.2	543.2	542.7	541.7	535.0	520.7	477.1	470.5	463.8	457.2	450.0
32.5°	587.3	582.1	580.6	580.6	575.9	563.2	530.9	527.4	517.6	512.5	506.3
35°	633.8	631.7	629.7	630.2	628.2	614.9	588.3	589.3	586.2	575.9	569.8
37.5°	701.9	702.4	698.8	692.2	692.2	680.4	665.0	663.0	655.3	652.7	649.1
40°	799.2	796.6	793.5	783.8	780.2	760.3	746.0	740.8	734.7	734.1	730.1
42.5°	911.8	908.7	908.7	901.6	894.4	870.3	843.2	839.6	832.9	835.0	833.5
45°	1016.2	1018.8	1022.3	1027.5	1028.6	1018.2	978.9	974.2	970.7	968.7	967.1
47.5°	1106.3	1111.0	1122.7	1144.8	1172.9	1176.5	1145.2	1132.9	1130.4	1126.8	1123.7
50°	1170.9	1177.5	1204.1	1247.2	1301.9	1335.7	1318.8	1308.6	1308.0	1298.3	1297.3
52.5°	1207.7	1214.9	1258.4	1323.4	1408.4	1474.4	1495.5	1494.9	1493.9	1485.2	1481.6
55°	1215.9	1223.5	1275.8	1364.4	1485.7	1599.8	1680.2	1682.2	1686.9	1684.4	1684.4
57.5°	1193.4	1203.1	1259.9	1369.5	1526.1	1699.2	1874.8	1886.5	1892.2	1912.2	1935.2
60°	1151.9	1159.1	1215.9	1338.2	1533.3	1789.8	2127.7	2165.0	2194.2	2233.7	2271.1
62.5°	1075.1	1089.4	1143.7	1276.8	1511.8	1894.2	2429.8	2498.9	2555.6	2615.6	2687.7
65°	982.0	988.1	1034.1	1150.3	1415.5	1934.2	2596.7	2664.2	2736.9	2800.9	2865.4
67.5°	865.2	870.3	910.2	959.9	1168.3	1747.3	2432.3	2507.1	2572.6	2625.3	2709.8
70°	566.7	578.0	675.8	724.9	816.6	1291.6	1988.9	2061.1	2111.3	2147.2	2244.9
72.5°	415.2	422.3	461.8	563.2	585.7	763.4	1399.7	1478.1	1496.5	1564.0	1609.6
75°	253.4	271.4	360.4	482.2	570.8	522.7	838.6	876.5	919.0	968.1	1011.6
77.5°	51.2	58.3	117.8	332.3	502.2	558.5	500.7	507.8	528.8	533.5	549.9
80°	8.2	8.7	15.3	143.3	290.8	451.5	500.7	494.0	482.2	474.0	465.9
82.5°	3.6	4.1	6.7	36.4	62.0	150.5	433.1	466.9	505.8	527.4	532.9
85°	1.6	1.6	2.6	7.2	9.2	10.2	73.2	96.7	172.6	229.4	264.2
87.5°	1.0	1.0	1.6	1.6	2.0	2.6	3.6	3.6	4.1	4.7	6.7
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):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
2.5°	79.9	79.3	79.3	77.9	77.9	77.3	77.3	76.8	76.8	75.8	76.3
5°	93.2	92.2	91.2	89.6	89.1	88.1	87.1	85.5	85.0	84.0	83.4
7.5°	111.1	110.0	108.0	104.9	102.9	100.8	98.8	96.7	95.3	93.7	92.7
10°	133.1	130.0	129.0	122.9	120.3	116.2	113.7	111.6	108.6	106.0	104.5
12.5°	159.7	157.2	152.1	143.8	139.7	136.2	131.5	127.4	124.4	119.8	116.7
15°	187.3	185.3	178.1	168.9	163.8	157.2	152.6	148.5	141.8	138.7	133.1
17.5°	222.2	216.0	208.8	195.5	188.9	183.3	175.1	168.9	164.8	155.6	150.5
20°	258.0	251.4	242.1	227.4	218.0	209.4	202.7	194.5	185.9	179.7	171.0
22.5°	299.0	288.2	281.0	262.6	251.9	242.7	231.4	222.7	214.0	204.3	194.5
25°	342.5	331.7	323.1	302.0	290.8	281.6	268.3	256.0	245.2	234.5	223.3
27.5°	388.1	378.3	368.7	347.1	337.4	324.6	312.3	298.0	284.1	274.4	259.1
30°	440.8	432.6	421.9	398.8	388.1	374.8	362.0	345.0	331.7	318.4	303.6
32.5°	497.6	491.0	479.7	459.3	446.4	435.2	421.3	404.9	386.0	372.2	354.8
35°	566.7	555.4	548.8	529.4	519.6	507.4	493.0	478.7	458.7	439.3	424.4
37.5°	645.6	640.5	631.7	613.3	606.1	593.4	584.1	569.8	554.4	529.9	514.0
40°	726.4	722.9	715.2	696.7	689.6	680.9	670.1	656.3	637.9	625.1	601.6
42.5°	829.4	823.7	817.6	800.2	786.3	775.6	771.0	759.3	739.8	723.4	704.9
45°	959.9	957.4	949.1	931.7	918.0	910.8	903.6	883.6	870.8	854.4	841.7
47.5°	1117.6	1109.4	1105.3	1085.9	1081.2	1075.6	1057.2	1046.0	1027.5	1014.7	998.8
50°	1288.1	1279.4	1279.9	1256.4	1257.4	1253.3	1239.4	1226.1	1210.2	1199.0	1189.3
52.5°	1471.4	1475.5	1465.2	1472.4	1464.2	1455.0	1452.4	1436.0	1422.2	1421.7	1408.4
55°	1696.7	1690.0	1692.6	1699.7	1688.5	1698.7	1693.6	1672.6	1673.0	1677.1	1661.8
57.5°	1938.8	1948.5	1969.5	1974.1	1993.6	1980.3	2015.1	1990.0	2005.3	2005.3	1995.1
60°	2294.1	2332.9	2383.6	2423.1	2459.5	2447.6	2493.2	2464.6	2485.0	2467.6	2458.9
62.5°	2722.1	2773.8	2833.7	2897.7	2934.5	2943.7	2937.1	2949.9	2930.0	2917.1	2883.8
65°	2927.9	2979.1	3031.3	3108.1	3118.3	3126.0	3122.9	3101.4	3076.9	3040.5	2996.9
67.5°	2756.9	2828.6	2857.8	2946.3	2976.0	2965.2	2968.9	2941.2	2902.8	2867.0	2803.0
70°	2285.9	2367.8	2383.2	2510.2	2545.4	2596.7	2578.2	2570.1	2528.0	2497.9	2427.2
72.5°	1664.4	1728.4	1723.3	1866.1	1859.9	1880.9	1930.6	1928.6	1884.5	1874.8	1815.4
75°	1024.5	1062.8	1060.8	1162.1	1119.6	1113.5	1127.4	1121.2	1079.7	1036.8	999.8
77.5°	542.7	560.1	541.7	511.4	508.4	474.0	464.4	463.8	432.1	393.2	364.5
80°	457.2	439.3	417.8	373.8	348.1	325.1	303.6	283.6	262.1	233.5	198.6
82.5°	534.0	525.3	509.9	454.6	428.0	382.0	347.6	315.4	275.9	246.2	201.7
85°	260.1	259.5	271.8	266.2	256.5	254.4	220.7	213.5	197.6	181.2	151.5
87.5°	7.2	5.1	6.1	5.1	6.1	6.7	4.7	10.8	6.7	6.1	7.2
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):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
2.5°	75.8	75.3	74.8	74.8	74.2	74.2	73.8	73.2	73.2	72.7	72.7
5°	82.4	81.4	80.9	80.4	79.3	78.9	77.9	77.3	76.3	75.8	74.8
7.5°	90.6	89.6	87.5	86.5	85.0	84.5	82.0	80.9	79.9	78.9	77.3
10°	100.8	98.3	96.3	94.2	91.6	89.6	87.5	86.0	84.0	81.4	80.4
12.5°	113.7	110.0	107.0	103.4	100.4	97.3	93.7	91.2	88.1	85.5	83.0
15°	128.0	122.9	118.8	113.7	108.6	104.9	101.4	97.8	93.7	90.1	87.1
17.5°	144.4	137.7	132.1	126.0	120.3	115.2	109.0	104.5	99.8	94.7	90.6
20°	161.8	155.2	147.4	140.7	132.6	127.0	119.3	113.1	106.5	101.4	95.7
22.5°	184.8	176.1	166.4	157.2	148.5	139.7	131.5	123.9	115.7	108.0	102.4
25°	211.9	201.2	188.9	179.7	167.4	157.7	147.4	137.7	129.0	119.3	110.0
27.5°	245.8	231.4	218.0	205.3	192.0	179.7	166.4	155.2	143.3	132.1	121.9
30°	285.1	271.4	251.4	237.0	223.7	206.8	193.5	178.7	165.4	149.0	137.7
32.5°	337.4	319.4	298.5	279.5	262.1	243.2	224.7	205.8	188.4	173.6	156.7
35°	405.5	384.5	359.4	335.4	315.9	292.8	269.3	247.8	227.8	206.3	185.3
37.5°	491.4	472.0	444.9	415.7	389.6	362.0	337.4	307.2	280.6	254.4	227.8
40°	576.9	559.1	530.9	499.6	465.9	434.1	402.9	368.7	334.8	302.0	274.4
42.5°	682.4	655.8	625.6	590.3	557.5	519.6	480.7	441.3	400.8	361.4	322.0
45°	815.1	794.5	752.1	714.1	675.3	630.7	582.6	537.6	485.9	439.3	387.1
47.5°	976.3	939.4	908.2	873.4	824.7	781.8	720.3	667.1	602.6	540.7	478.1
50°	1166.7	1146.2	1104.8	1061.3	1008.6	957.4	897.5	820.7	743.4	677.3	591.8
52.5°	1389.4	1360.3	1334.1	1289.1	1235.4	1169.8	1101.8	1018.2	923.5	830.4	739.3
55°	1653.6	1633.1	1608.0	1572.2	1503.6	1429.4	1347.5	1247.6	1135.5	1010.1	904.1
57.5°	1994.6	1973.0	1949.0	1875.3	1828.8	1737.6	1618.8	1515.4	1394.6	1233.8	1102.2
60°	2459.9	2430.8	2396.9	2337.0	2239.8	2121.6	1994.1	1841.0	1693.0	1517.4	1344.9
62.5°	2857.8	2811.2	2739.0	2661.7	2544.9	2409.2	2249.0	2068.8	1900.4	1702.8	1510.8
65°	2939.6	2875.6	2790.7	2689.8	2569.5	2416.5	2249.0	2076.5	1878.3	1692.6	1499.5
67.5°	2726.7	2652.5	2565.4	2452.8	2338.1	2180.4	2036.0	1860.5	1674.1	1513.3	1340.8
70°	2376.5	2266.4	2177.3	2057.6	1941.3	1817.4	1665.4	1533.8	1382.2	1234.3	1102.2
72.5°	1784.7	1676.1	1595.3	1499.5	1430.4	1299.4	1187.7	1089.4	999.8	889.3	791.4
75°	962.0	880.6	826.3	782.8	720.8	634.3	581.0	513.5	475.6	429.5	385.0
77.5°	313.9	276.5	236.0	196.6	168.9	127.0	122.9	97.8	92.2	89.6	69.1
80°	160.7	123.9	89.6	64.5	49.1	43.5	41.5	39.4	37.4	35.8	33.3
82.5°	161.3	116.7	80.4	55.8	40.5	33.8	31.7	30.7	29.2	27.6	25.6
85°	117.8	87.1	59.9	40.9	28.2	22.5	21.5	20.0	19.0	18.4	16.4
87.5°	7.7	5.7	5.1	4.7	4.7	4.7	5.1	4.7	5.1	5.1	4.7
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
2.5°	72.2	71.6	71.6	71.2	70.6	70.6	70.1	70.1	68.6	66.0	64.0
5°	74.2	73.2	72.7	72.2	71.6	70.6	70.1	69.6	67.1	62.0	57.9
7.5°	75.8	74.8	74.2	73.2	71.6	71.2	70.1	69.1	65.0	57.9	53.2
10°	78.3	76.8	75.3	73.8	72.2	71.2	69.6	68.6	62.4	54.2	49.7
12.5°	80.9	78.9	76.8	74.2	72.7	71.2	69.6	67.5	60.4	51.2	46.0
15°	84.0	80.9	78.3	75.8	73.2	71.2	68.6	67.1	58.3	48.7	44.0
17.5°	87.1	83.4	79.9	76.3	73.8	70.6	68.6	66.0	56.3	46.6	41.5
20°	90.6	85.5	82.0	77.9	74.2	70.6	67.5	65.0	54.2	44.0	38.9
22.5°	95.7	89.6	84.0	79.3	74.8	71.2	67.5	64.0	52.2	42.0	36.8
25°	102.4	94.7	88.1	82.4	76.8	72.2	68.1	64.5	50.7	40.5	34.3
27.5°	112.1	102.4	95.3	87.5	80.4	74.8	69.6	65.5	49.7	38.9	32.7
30°	123.9	114.1	102.9	93.7	86.0	78.3	72.7	66.5	48.7	37.4	30.7
32.5°	141.3	127.4	114.1	102.9	92.2	83.4	75.3	69.1	48.1	34.8	28.7
35°	166.4	147.4	131.5	116.7	101.9	91.2	81.4	73.2	47.6	32.7	26.6
37.5°	202.2	179.7	159.3	138.2	119.8	104.5	91.2	80.4	47.6	31.3	24.6
40°	240.7	211.4	185.3	159.3	135.6	116.2	98.3	85.0	46.6	29.2	22.5
42.5°	284.1	248.3	212.5	180.2	151.1	126.0	104.9	88.6	44.0	27.2	20.5
45°	342.5	295.4	252.4	210.9	173.0	140.3	113.7	92.7	41.5	25.6	18.4
47.5°	415.7	360.9	305.1	252.9	203.3	161.8	126.4	99.3	39.9	23.5	16.9
50°	524.7	447.0	373.2	306.7	243.7	189.4	145.4	109.0	38.4	22.0	15.3
52.5°	644.6	548.8	462.3	376.8	298.5	226.8	167.4	121.9	36.8	20.5	13.9
55°	790.4	672.7	567.3	456.2	355.8	270.3	194.5	136.2	34.8	19.0	12.8
57.5°	970.7	821.7	696.7	561.1	435.2	326.6	230.9	160.3	32.7	16.9	11.3
60°	1171.9	1003.4	846.2	687.1	534.5	401.4	284.7	194.5	30.7	14.9	9.8
62.5°	1316.8	1131.9	952.3	773.6	606.1	457.2	328.2	221.2	27.6	12.8	8.7
65°	1315.2	1127.8	947.1	771.0	608.2	459.3	329.7	226.3	24.6	11.3	7.7
67.5°	1171.9	1014.1	852.9	694.7	552.4	417.8	305.1	209.9	21.0	10.2	6.7
70°	964.0	838.6	711.1	585.7	471.5	357.9	263.6	182.8	18.0	9.2	5.7
72.5°	703.9	612.3	534.5	446.0	368.1	282.6	210.4	143.3	14.3	7.7	5.1
75°	349.7	312.8	268.3	240.7	205.3	167.9	130.5	83.4	11.8	6.1	4.7
77.5°	66.5	59.3	56.8	49.1	45.0	39.9	35.3	25.1	9.2	4.7	4.1
80°	30.7	28.2	25.6	23.1	20.5	17.4	15.3	13.3	7.2	3.6	4.7
82.5°	24.1	22.0	19.4	17.4	15.3	13.3	11.3	9.8	4.7	3.1	4.7
85°	15.9	13.9	12.3	10.8	9.2	8.2	7.2	6.1	3.1	3.1	3.1
87.5°	4.7	4.7	4.1	4.1	3.6	3.6	3.1	3.1	2.6	2.6	2.6
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: P181334

CATALOG NUMBER: ICM-F02-LED-E1-T3-HSS

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	69.6	69.6	69.6	69.6	69.6	69.6	69.6
2.5°	62.0	59.3	58.3	57.9	57.9	58.3	57.9
5°	54.8	52.2	51.2	50.1	50.1	50.1	50.7
7.5°	50.1	47.6	46.0	45.6	45.0	45.6	45.6
10°	46.0	44.0	42.0	40.9	40.9	40.9	40.9
12.5°	43.0	40.5	38.4	37.9	37.4	37.4	37.4
15°	40.5	37.4	35.8	34.8	34.3	34.3	34.8
17.5°	37.4	34.8	32.7	32.3	32.3	32.3	32.3
20°	35.3	32.3	30.7	29.7	29.7	29.7	29.7
22.5°	32.7	30.2	28.2	27.2	27.2	27.2	27.2
25°	30.7	28.2	26.1	25.1	25.1	25.1	25.1
27.5°	28.7	26.1	24.1	23.1	23.1	23.1	23.1
30°	26.6	24.1	22.0	21.0	21.0	21.0	21.0
32.5°	25.1	22.0	20.0	19.0	19.0	19.4	19.0
35°	22.5	20.0	18.0	16.9	16.9	16.9	16.9
37.5°	20.5	18.0	15.9	14.9	14.9	14.9	14.3
40°	19.0	15.9	13.9	12.8	12.3	12.3	12.3
42.5°	16.4	13.3	11.8	10.8	10.2	10.2	10.2
45°	14.9	11.8	9.8	8.7	8.7	8.7	8.7
47.5°	13.3	10.2	8.2	7.2	7.2	7.7	7.7
50°	11.8	8.7	6.7	6.7	6.7	7.2	7.2
52.5°	10.2	7.7	6.1	6.1	6.7	7.2	7.2
55°	9.2	6.7	5.7	6.1	6.7	7.2	7.2
57.5°	8.2	5.7	5.7	6.1	6.7	7.2	7.2
60°	7.2	5.1	5.1	5.7	6.7	7.2	7.2
62.5°	6.1	5.1	5.1	5.7	6.7	7.2	7.2
65°	5.7	5.1	5.1	5.7	6.7	7.2	7.2
67.5°	5.1	4.7	5.1	5.7	6.1	6.7	6.7
70°	4.7	4.7	5.1	5.7	6.1	6.7	6.7
72.5°	4.7	4.7	4.7	5.1	5.7	6.1	6.1
75°	4.7	4.7	4.7	5.1	5.7	6.1	6.1
77.5°	4.7	4.1	4.1	4.7	5.7	6.1	6.1
80°	4.7	4.1	4.1	4.7	5.1	6.1	6.1
82.5°	3.6	3.6	4.1	4.7	5.1	5.7	5.7
85°	3.1	3.6	3.6	4.1	4.7	5.7	5.7
87.5°	2.6	2.6	3.1	3.6	4.1	4.7	4.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)