

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: P180361

Luminaire Tested: **ICM-F01-LED-E1-SL2-HSS-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180361  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICM-F01-LED-E1-SL2-HSS-8030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (7) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

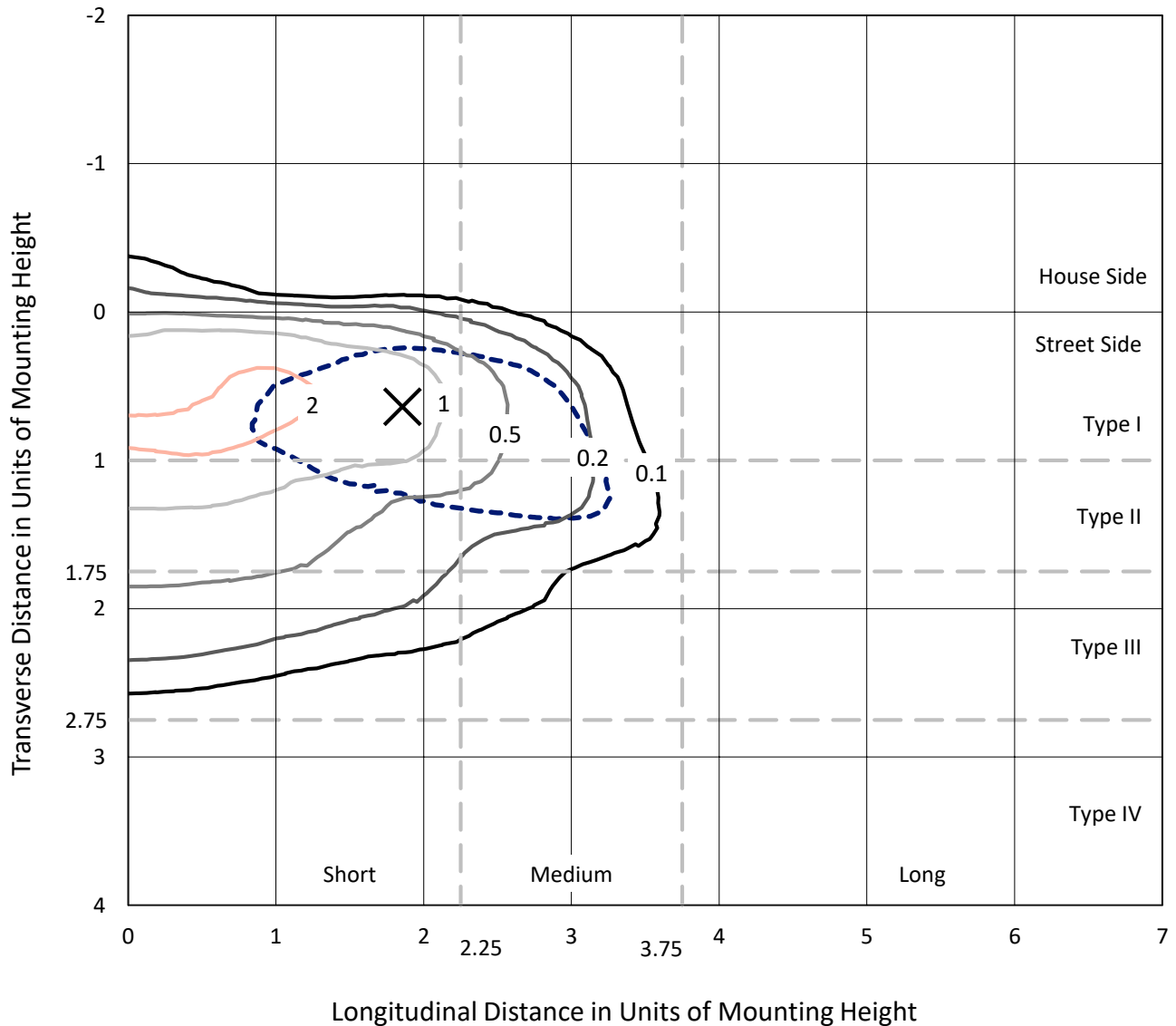
Lumens per Lamp: N/A  
Luminaire Lumens: 1188.4 lumens  
Efficiency: N/A  
Efficacy: 45.9 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1  
  
Input Watts (W): 25.9  
Input Voltage (V): NR  
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

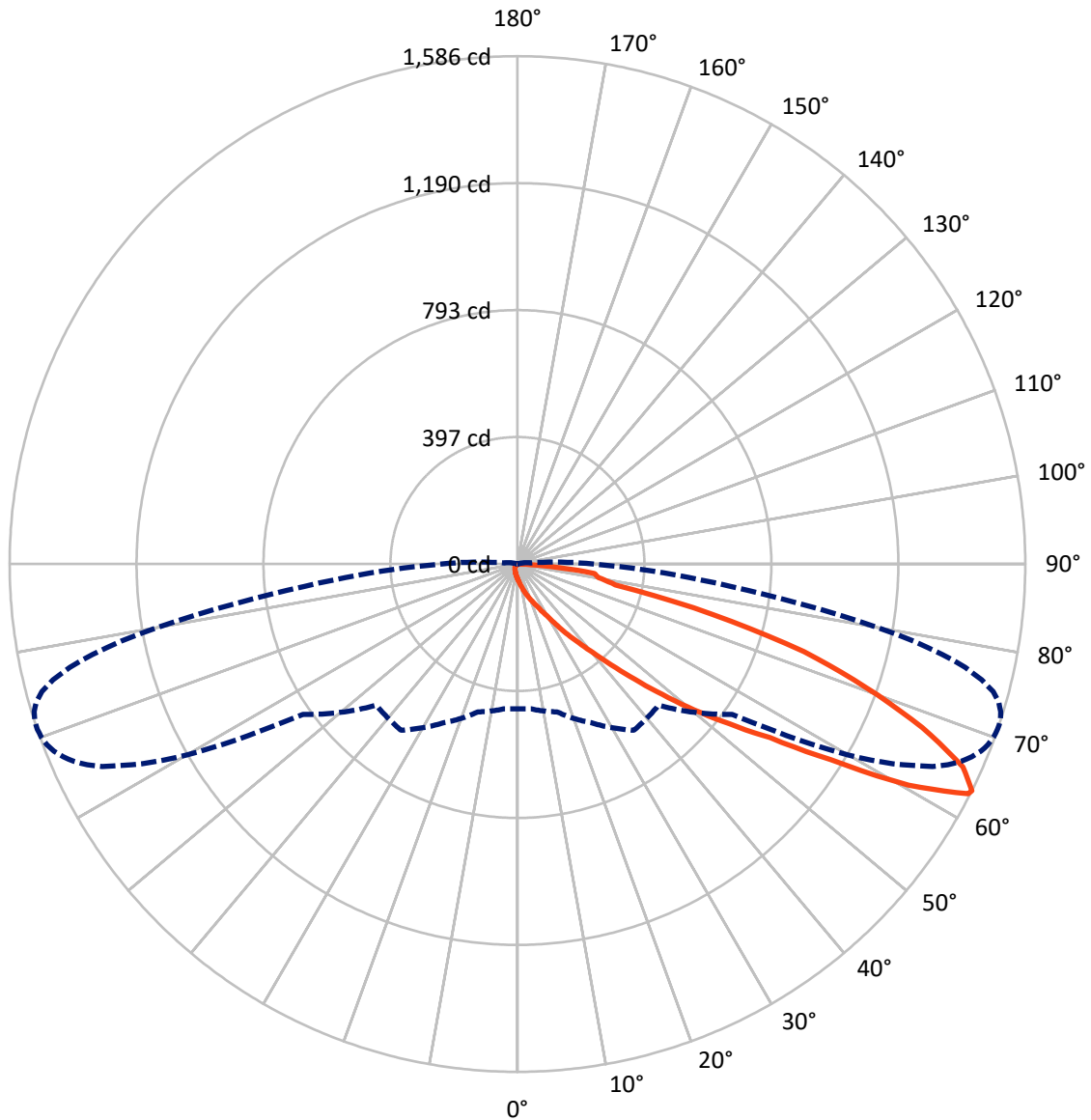
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.5 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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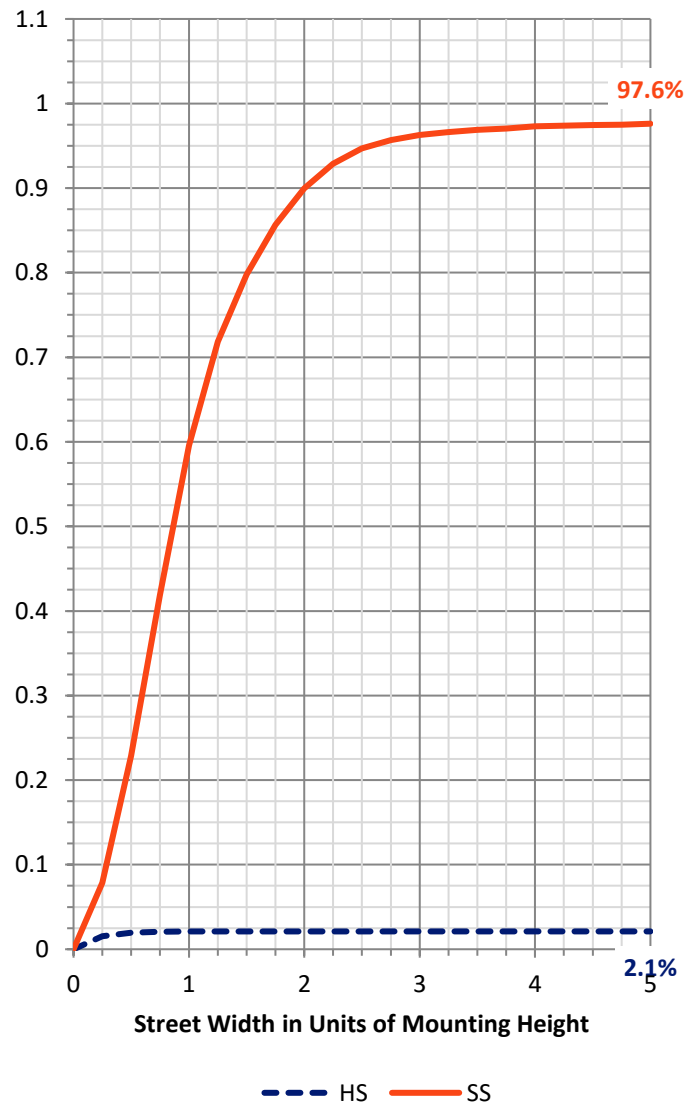
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	25.2	0.0	25.2
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	1163.2	0.0	1163.2
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	1188.4	0.0	1188.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	5.0	0.4
10°-20°	19.5	1.6
20°-30°	39.7	3.3
30°-40°	97.0	8.2
40°-50°	216.9	18.2
50°-60°	304.9	25.7
60°-70°	358.6	30.2
70°-80°	129.5	10.9
80°-90°	17.3	1.5
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°	1188.4	100.0
0°-180°	1188.4	100.0



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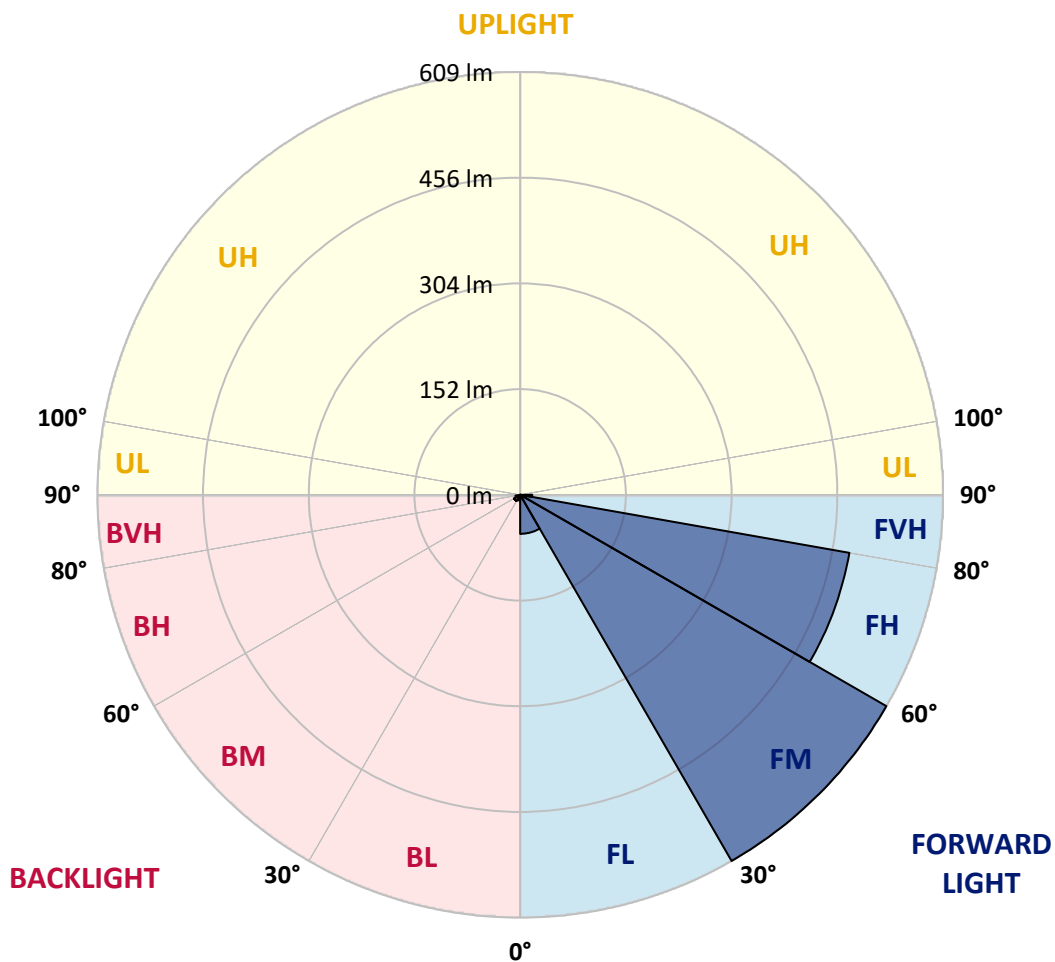
CATALOG NUMBER: ICM-F01-LED-E1-SL2-HSS-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	56.2	4.7			
FM	(30°-60°)	608.6	51.2			
FH	(60°-80°)	481.1	40.5			G0/660
FVH	(80°-90°)	17.3	1.5			G1/100
BL	(0°-30°)	8.1	0.7	B0/110		
BM	(30°-60°)	10.2	0.9	B0/220		
BH	(60°-80°)	6.9	0.6	B0/110		G0/110
BVH	(80°-90°)	0.0	0.0			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 II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
2.5°	59.6	60.3	59.8	58.8	57.5	55.7	54.2	54.2	54.0	53.4	53.6
5°	78.2	78.4	77.6	75.0	72.6	68.9	64.8	64.4	63.9	63.3	63.1
7.5°	96.4	97.2	96.4	93.6	88.8	83.2	76.7	76.1	74.8	74.8	73.9
10°	115.0	115.0	114.0	110.8	106.5	98.5	90.3	89.2	87.7	87.3	86.0
12.5°	128.1	128.1	127.7	126.0	122.5	115.3	105.4	104.4	102.4	101.8	100.3
15°	133.3	133.3	133.5	135.1	135.3	132.0	121.7	120.7	118.8	117.1	116.5
17.5°	136.6	136.3	136.3	138.5	142.3	144.6	137.9	136.9	134.8	134.0	131.8
20°	143.6	143.3	142.0	142.0	145.6	153.2	153.2	152.9	150.6	150.0	148.8
22.5°	154.2	153.9	150.0	146.7	148.5	158.0	166.8	166.3	165.5	164.7	164.0
25°	171.5	170.0	163.3	153.9	152.3	162.4	177.1	178.2	178.9	178.9	179.3
27.5°	197.7	195.7	183.8	166.1	159.4	169.8	188.7	190.8	192.7	193.1	195.1
30°	234.0	230.5	213.5	187.5	172.2	180.7	205.5	207.8	210.6	211.5	214.5
32.5°	293.6	291.6	275.3	236.4	203.5	201.8	229.0	232.0	235.7	237.2	240.9
35°	384.4	384.7	371.4	336.4	291.0	267.3	271.2	273.8	275.0	279.5	281.5
37.5°	446.0	447.0	450.0	436.2	403.8	379.6	349.1	351.9	345.2	345.9	346.1
40°	479.6	483.1	500.7	514.1	511.6	497.6	473.1	474.6	462.1	459.4	445.7
42.5°	502.0	506.6	534.9	576.4	597.6	610.3	604.7	604.1	594.3	590.7	579.2
45°	516.1	520.2	555.9	617.0	665.9	703.0	718.3	720.1	711.8	708.2	698.7
47.5°	515.4	520.2	558.5	632.1	704.1	763.5	806.7	808.8	813.9	810.6	811.3
50°	487.0	491.5	530.0	606.4	692.8	791.2	870.2	877.1	885.1	890.5	893.1
52.5°	452.4	455.6	489.8	562.3	644.9	779.7	907.8	919.7	931.5	941.8	948.8
55°	439.6	443.4	470.1	530.4	606.4	731.7	925.3	942.8	959.6	976.3	989.9
57.5°	446.3	449.8	469.0	515.3	583.5	681.2	930.2	957.5	985.1	1012.2	1039.0
60°	471.0	474.6	491.1	529.3	577.5	652.0	910.8	956.0	1002.1	1049.1	1093.4
62.5°	461.2	462.8	487.0	554.0	620.7	627.2	840.2	903.3	973.5	1046.1	1117.6
63°	452.0	453.7	478.3	547.3	633.9	623.5	818.3	884.9	959.0	1037.2	1115.0
65°	409.9	410.0	428.8	483.3	619.2	630.0	721.1	784.7	869.8	963.5	1061.9
67.5°	306.0	304.4	322.5	364.0	486.1	630.2	619.0	654.6	713.8	797.0	885.1
70°	108.5	106.0	135.4	192.9	302.9	515.4	531.9	534.2	550.7	595.6	651.0
72.5°	35.3	35.9	43.2	70.6	139.5	347.0	481.6	474.2	469.9	469.7	477.0
75°	14.0	14.2	17.3	31.3	62.7	167.3	421.7	425.9	427.4	429.5	431.9
77.5°	6.7	7.3	9.8	17.5	31.1	82.7	301.8	336.6	356.5	371.8	381.1
80°	2.4	2.8	5.4	10.8	14.5	38.0	159.0	191.8	221.0	258.6	291.0
82.5°	0.0	0.0	1.1	7.5	8.0	15.3	65.2	76.5	87.5	113.4	145.6
85°	0.0	0.0	0.0	2.1	2.4	2.6	22.0	26.6	29.8	34.8	40.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.3	3.3	4.9
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°	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
2.5°	53.1	52.9	52.9	52.5	52.3	51.8	51.6	51.0	50.8	50.8	50.8
5°	62.9	62.0	61.6	60.5	59.8	59.6	58.5	58.1	57.5	57.7	56.6
7.5°	73.7	72.2	71.5	70.0	69.6	68.1	67.6	66.5	65.9	64.6	64.2
10°	85.6	83.6	82.5	80.2	79.5	78.4	77.1	75.8	74.8	73.5	72.8
12.5°	99.2	97.4	96.6	93.3	91.8	90.3	88.6	86.9	85.1	84.0	82.5
15°	115.2	112.4	111.4	108.5	105.9	103.9	101.6	99.3	98.0	95.9	94.4
17.5°	130.9	128.1	127.4	122.9	120.1	118.8	116.2	113.4	111.1	108.9	106.5
20°	146.7	144.7	143.0	138.7	135.6	133.5	130.0	127.3	125.3	122.3	119.3
22.5°	162.4	160.6	159.3	154.7	151.9	148.8	145.9	142.8	140.0	136.3	132.8
25°	178.7	177.4	176.7	172.7	170.0	167.3	164.2	160.7	157.3	153.2	149.5
27.5°	195.5	195.9	194.7	193.8	191.0	189.0	184.3	182.0	179.3	174.3	169.8
30°	216.9	218.2	217.8	218.4	216.7	215.4	211.7	208.7	205.7	200.9	195.7
32.5°	243.9	245.7	246.5	248.8	248.0	247.6	246.5	242.1	240.0	231.8	229.7
35°	285.6	284.7	288.4	290.3	289.5	289.0	287.8	285.4	282.8	276.9	271.5
37.5°	339.8	340.7	342.0	338.1	335.5	335.3	331.4	329.0	325.4	318.9	312.4
40°	439.3	433.8	427.7	411.4	404.2	400.1	388.7	385.4	379.2	370.3	363.6
42.5°	568.4	563.0	544.8	517.4	502.7	482.4	473.1	461.7	452.8	438.3	430.6
45°	696.7	681.2	679.0	647.1	628.9	602.1	585.5	566.2	546.1	527.2	513.3
47.5°	804.9	801.5	790.9	771.4	754.6	732.2	710.8	681.2	660.5	633.4	608.6
50°	891.6	891.4	887.5	876.3	862.2	844.1	825.3	800.2	776.7	743.6	717.0
52.5°	956.4	959.9	961.2	957.7	952.3	936.4	926.8	905.9	886.0	857.9	829.2
55°	1003.9	1016.7	1023.2	1030.5	1029.0	1023.4	1023.0	1009.3	1000.3	978.1	957.7
57.5°	1062.7	1083.6	1103.7	1139.4	1140.8	1153.2	1159.7	1166.2	1167.9	1159.1	1152.4
60°	1137.5	1180.3	1218.2	1292.8	1312.3	1342.9	1362.8	1384.4	1402.8	1404.3	1403.8
62.5°	1190.1	1256.1	1317.4	1428.0	1465.9	1501.3	1527.8	1548.8	1561.6	1574.5	1580.6
63°	1191.7	1263.8	1329.1	1443.2	1482.9	1516.7	1541.9	1561.3	1574.7	1582.5	1586.4
65°	1155.2	1242.7	1320.5	1434.1	1471.5	1505.4	1518.6	1531.4	1537.8	1540.8	1529.4
67.5°	979.1	1064.7	1155.4	1282.4	1314.4	1355.0	1365.9	1372.3	1375.4	1374.7	1364.9
70°	732.2	803.9	904.7	1050.0	1092.3	1132.1	1156.7	1167.3	1170.7	1169.7	1155.2
72.5°	511.2	553.3	636.5	798.1	855.7	906.7	937.2	952.9	956.2	949.7	936.4
75°	429.3	431.4	450.2	538.6	592.6	647.1	681.4	691.4	684.8	665.2	631.1
77.5°	383.3	388.0	388.0	401.2	411.8	426.9	430.1	406.0	377.9	341.6	312.2
80°	321.5	338.1	349.8	359.5	360.6	357.6	349.6	335.9	314.3	286.7	256.0
82.5°	195.3	228.2	241.6	291.6	316.3	332.9	331.6	313.5	297.0	268.3	242.1
85°	49.3	53.1	57.7	75.0	84.0	102.6	114.3	119.7	121.7	111.7	101.1
87.5°	4.7	3.3	5.4	4.1	5.9	4.3	5.9	5.4	6.7	7.2	7.8
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°	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
2.5°	50.3	50.1	49.9	49.7	49.5	49.3	48.8	48.8	48.4	48.2	48.0
5°	56.0	55.5	55.3	54.9	54.2	53.8	53.1	52.3	51.6	51.4	51.0
7.5°	63.1	62.0	61.6	60.9	60.1	58.8	57.9	57.2	56.2	55.5	54.2
10°	71.1	70.0	68.7	67.4	66.1	64.6	63.5	62.7	60.9	60.1	58.5
12.5°	81.2	79.3	77.8	76.1	74.3	72.6	71.3	68.7	67.2	65.2	63.9
15°	91.6	89.9	88.2	86.0	83.3	80.6	79.3	76.9	75.0	71.9	70.2
17.5°	104.1	100.9	98.3	95.7	93.3	90.7	88.2	84.5	81.7	79.1	75.6
20°	116.5	112.6	109.8	106.3	102.8	98.7	95.7	93.1	89.2	85.8	82.1
22.5°	129.6	125.8	121.2	117.8	113.0	109.8	105.7	101.3	97.4	92.9	88.4
25°	145.6	141.5	136.3	131.8	126.4	121.9	116.8	111.9	107.2	102.0	96.1
27.5°	165.3	160.9	155.3	150.0	142.8	137.2	132.5	125.8	119.7	113.2	106.5
30°	190.1	185.4	178.4	170.7	163.5	157.3	150.6	141.8	135.1	127.3	118.6
32.5°	222.5	216.9	207.6	200.3	191.4	183.2	174.0	165.0	155.5	145.4	135.4
35°	263.4	258.1	247.4	236.6	226.9	217.1	205.5	195.3	182.0	169.6	156.8
37.5°	305.7	296.4	286.5	274.8	262.7	251.1	236.7	222.7	207.4	194.0	178.0
40°	354.0	342.9	334.6	322.1	305.0	288.4	275.3	257.8	238.5	220.6	201.8
42.5°	420.4	407.9	393.2	374.1	361.9	342.4	325.4	304.7	279.4	259.3	236.6
45°	497.1	480.0	465.8	447.4	432.6	408.3	388.5	360.7	335.5	309.1	281.5
47.5°	584.7	563.4	542.7	524.6	500.7	477.0	451.7	422.3	390.0	361.0	328.2
50°	685.0	655.1	626.3	603.0	570.3	542.9	515.4	482.4	446.6	413.3	375.9
52.5°	796.7	762.0	724.0	688.1	650.3	615.1	582.1	544.0	504.0	463.4	421.7
55°	931.5	905.4	860.7	815.2	764.6	717.5	674.9	627.8	579.2	525.9	482.0
57.5°	1142.6	1129.9	1092.6	1047.0	981.0	923.8	851.6	794.0	723.5	650.1	593.5
60°	1428.7	1412.9	1392.0	1355.0	1302.7	1224.9	1145.5	1055.8	948.7	846.9	750.3
62.5°	1581.2	1575.6	1558.5	1533.0	1484.2	1422.9	1342.7	1244.2	1123.2	999.6	876.5
63°	1585.8	1578.6	1563.9	1538.1	1495.0	1435.6	1356.9	1261.2	1142.9	1016.9	891.2
65°	1524.4	1521.6	1506.7	1478.4	1449.0	1403.6	1342.7	1260.4	1161.0	1042.0	916.8
67.5°	1352.0	1343.5	1320.7	1312.0	1291.5	1260.0	1213.5	1156.9	1085.9	992.3	884.3
70°	1143.5	1131.0	1102.2	1086.9	1061.9	1042.0	1013.7	973.3	929.4	864.2	783.6
72.5°	922.5	896.6	870.2	830.2	795.3	759.8	728.5	700.0	651.8	625.4	564.3
75°	599.1	552.0	506.8	446.3	391.9	343.7	296.8	273.1	223.6	203.5	174.8
77.5°	284.3	258.0	222.5	195.1	160.1	130.7	106.7	80.2	62.9	49.3	37.6
80°	229.4	207.2	185.8	160.9	134.6	107.3	82.3	61.6	43.6	30.2	21.4
82.5°	204.6	180.4	154.0	136.9	119.1	97.4	79.9	65.2	48.2	35.3	24.0
85°	79.5	67.0	51.6	42.1	32.8	27.0	24.4	16.8	13.2	10.3	8.0
87.5°	6.9	5.6	4.6	3.1	3.3	1.8	2.0	1.3	1.1	1.1	0.8
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-F01-LED-E1-SL2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
2.5°	47.7	47.5	47.3	46.9	46.9	46.4	46.2	46.0	44.9	42.6	40.7
5°	50.1	49.7	49.3	48.7	48.2	47.5	47.1	46.4	44.1	39.5	35.6
7.5°	53.6	52.7	52.1	50.8	50.1	49.3	48.7	47.5	43.6	36.7	31.3
10°	57.7	56.2	55.1	53.6	52.3	51.2	50.1	48.7	43.2	33.7	27.4
12.5°	62.7	60.9	58.8	57.0	55.3	53.8	52.3	50.3	42.6	31.1	24.4
15°	67.6	65.0	63.5	61.1	58.8	56.6	54.4	52.7	42.8	28.3	21.9
17.5°	73.2	70.6	67.4	64.8	62.2	59.4	56.8	53.4	41.7	26.1	19.9
20°	78.6	75.0	71.9	68.7	65.0	61.6	58.3	55.3	40.8	24.0	18.1
22.5°	84.5	80.2	76.3	72.2	67.6	63.7	59.8	56.0	39.3	22.0	16.7
25°	91.6	86.6	81.0	76.1	71.3	66.5	61.6	56.8	37.8	20.3	15.5
27.5°	100.3	93.8	88.2	81.9	75.2	69.1	63.7	58.5	36.3	19.0	14.5
30°	111.3	103.7	95.7	87.7	80.6	73.7	66.1	59.6	34.8	17.7	13.4
32.5°	126.0	116.5	106.7	97.4	87.9	79.1	71.1	62.7	34.0	16.7	12.3
35°	145.4	133.1	121.2	109.5	98.0	87.3	76.9	67.4	34.0	15.3	11.0
37.5°	163.7	149.5	134.4	119.9	106.3	93.8	81.5	70.0	32.2	14.2	10.0
40°	183.6	166.6	148.8	131.8	115.3	99.8	85.8	72.6	30.7	12.9	8.8
42.5°	214.1	192.5	169.4	149.5	129.9	110.6	93.1	77.6	28.7	11.6	7.8
45°	254.0	226.6	199.4	175.3	150.1	126.6	105.9	86.6	28.3	10.6	6.7
47.5°	296.8	264.5	232.5	201.6	172.2	144.7	119.9	96.7	28.3	9.5	5.9
50°	339.4	298.8	264.7	228.7	195.7	163.3	133.8	107.3	28.6	8.7	4.7
52.5°	377.9	334.4	296.2	254.7	218.2	180.7	148.5	117.8	28.1	7.5	3.9
55°	431.3	380.3	335.9	290.1	247.4	205.0	168.6	133.3	28.3	6.7	3.3
57.5°	529.5	469.7	416.3	356.3	307.0	252.4	208.1	165.3	30.9	5.6	2.4
60°	670.6	592.8	517.9	444.7	382.0	316.9	259.4	209.1	36.3	4.6	1.8
62.5°	765.4	663.7	574.2	493.4	420.7	352.6	290.0	232.7	40.0	3.6	1.1
63°	775.2	670.0	580.1	496.7	422.3	354.3	291.3	234.4	40.2	3.4	1.1
65°	793.5	680.7	583.4	497.3	420.7	351.9	290.3	234.2	40.7	2.8	0.8
67.5°	772.6	664.1	564.6	478.8	405.5	337.9	279.5	225.6	40.4	2.0	0.7
70°	690.9	601.0	513.5	433.6	367.1	306.0	254.5	205.7	37.1	1.3	0.5
72.5°	507.3	446.1	378.3	320.7	276.6	229.7	195.9	154.5	28.7	0.8	0.2
75°	150.3	136.9	115.2	101.6	89.7	74.1	65.9	51.4	14.7	0.5	0.0
77.5°	30.0	27.3	24.4	22.2	20.9	18.0	17.0	14.0	6.0	0.2	0.0
80°	15.8	12.9	11.0	9.8	8.5	6.9	5.9	4.7	1.1	0.0	0.0
82.5°	15.2	10.1	7.3	6.0	5.2	4.1	3.3	2.4	0.7	0.0	0.0
85°	5.6	4.3	3.3	2.6	2.1	2.0	1.5	1.3	0.0	0.0	0.0
87.5°	0.8	0.7	0.7	0.5	0.5	0.2	0.2	0.2	0.0	0.0	0.0
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):**

	125°	135°	145°	155°	165°	175°	180°
0°	45.6	45.6	45.6	45.6	45.6	45.6	45.6
2.5°	38.7	36.9	36.1	35.0	35.0	34.8	35.3
5°	32.2	29.8	28.1	26.8	27.0	26.3	26.6
7.5°	27.3	24.8	23.3	22.5	22.2	22.0	22.0
10°	23.5	21.4	20.1	19.4	19.3	19.3	19.3
12.5°	20.9	18.8	17.7	17.3	17.3	17.0	17.0
15°	18.8	17.0	16.0	15.5	15.5	15.3	15.5
17.5°	17.0	15.3	14.5	14.0	14.0	13.9	13.9
20°	15.5	14.0	13.2	12.6	12.6	12.3	12.6
22.5°	14.2	12.7	11.6	11.3	11.0	10.8	11.0
25°	12.9	11.4	10.3	9.8	9.5	9.5	9.3
27.5°	11.9	10.3	9.1	8.5	8.2	8.2	8.0
30°	10.8	9.1	7.8	7.2	6.9	6.9	6.9
32.5°	9.8	7.8	6.7	6.0	5.9	5.9	5.9
35°	8.7	6.7	5.6	4.9	4.7	4.7	4.7
37.5°	7.3	5.6	4.3	3.9	3.6	3.4	3.4
40°	6.2	4.3	3.3	2.8	2.4	2.4	2.4
42.5°	5.2	3.4	2.4	1.8	1.5	1.3	1.5
45°	4.3	2.6	1.5	0.8	0.7	0.7	0.7
47.5°	3.4	1.8	0.7	0.2	0.2	0.2	0.2
50°	2.6	1.1	0.2	0.0	0.0	0.2	0.2
52.5°	2.0	0.7	0.0	0.0	0.0	0.0	0.0
55°	1.1	0.2	0.0	0.0	0.0	0.0	0.0
57.5°	0.7	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)