

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: P181324

Luminaire Tested: **ICM-F01-LED-E1-T3-HSS**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181324  
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-F01-LED-E1-T3-HSS  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ HOUSE SIDE SHIELD  
Light Source: (7) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1252 lumens  
Efficiency: N/A  
Efficacy: 48.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type III - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

Input Watts (W): 25.9  
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

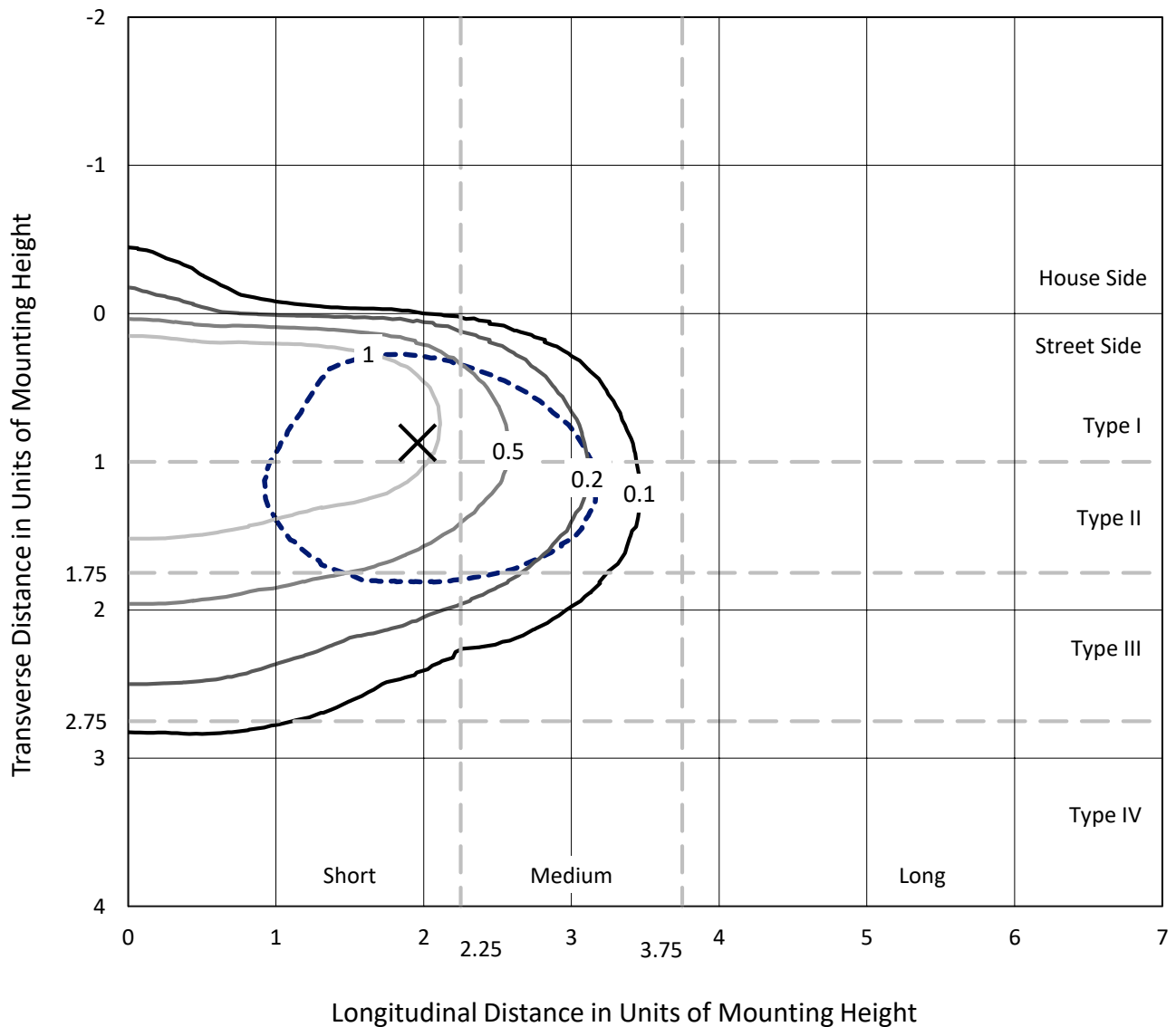


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

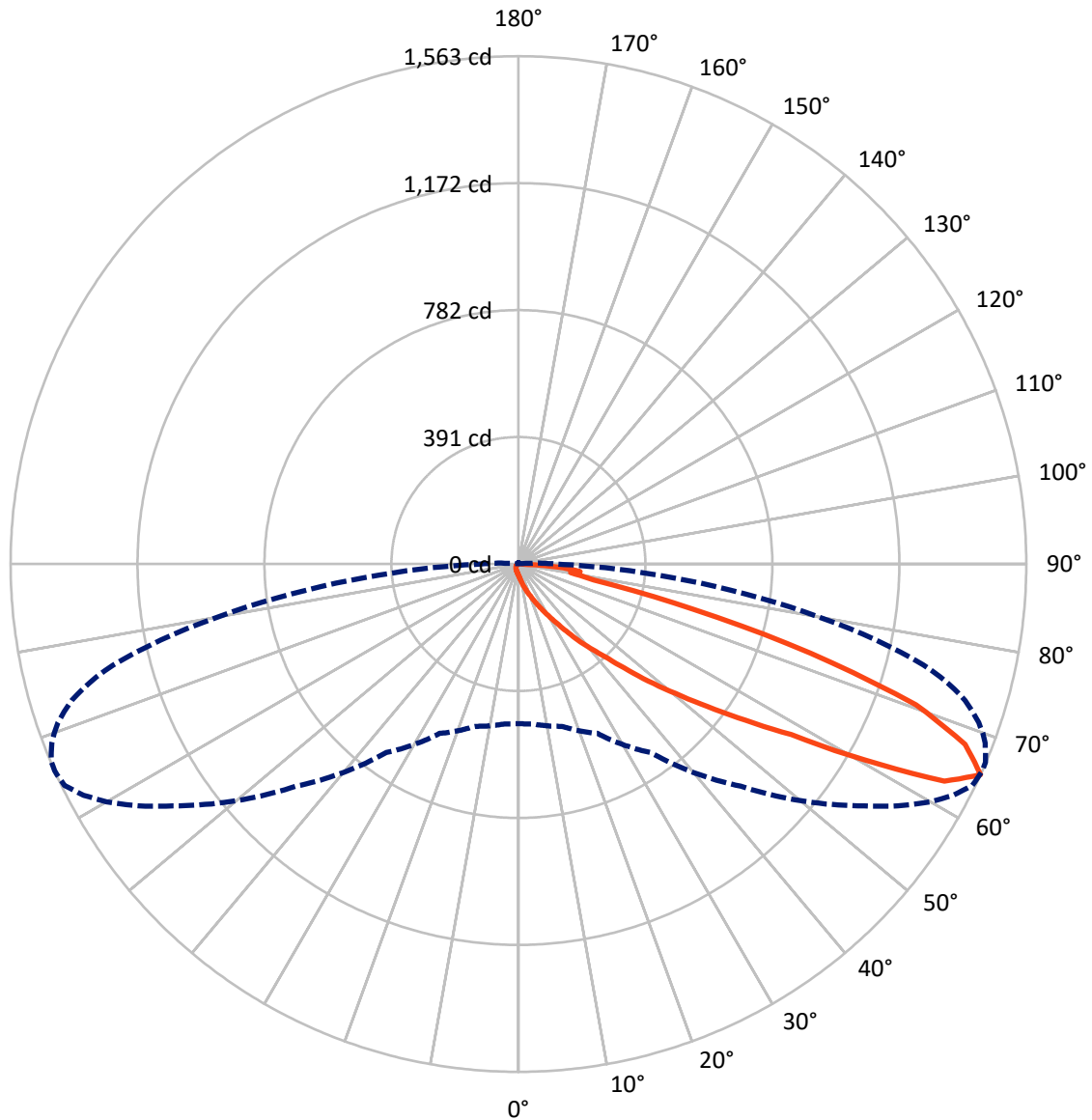


Based on 10 foot mounting height. Maximum calculated value = 1.8 fc  
 Type III - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



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

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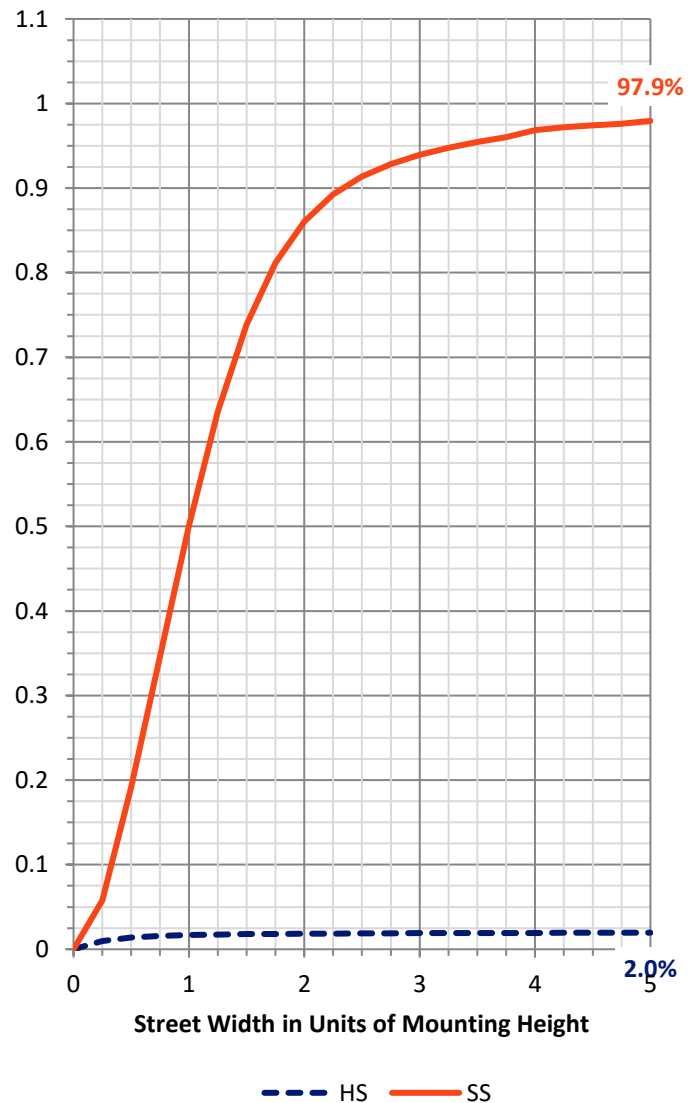
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	25.1	0.0	25.1
	% Fixture	2.0	0.0	2.0
<b>Street Side</b>	Lumens	1226.8	0.0	1226.8
	% Fixture	98.0	0.0	98.0
<b>Total</b>	Lumens	1252.0	0.0	1252.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4.3	0.3
10°-20°	20.4	1.6
20°-30°	46.5	3.7
30°-40°	88.5	7.1
40°-50°	177.6	14.2
50°-60°	314.2	25.1
60°-70°	410.5	32.8
70°-80°	168.8	13.5
80°-90°	21.3	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°	1252.0	100.0
0°-180°	1252.0	100.0



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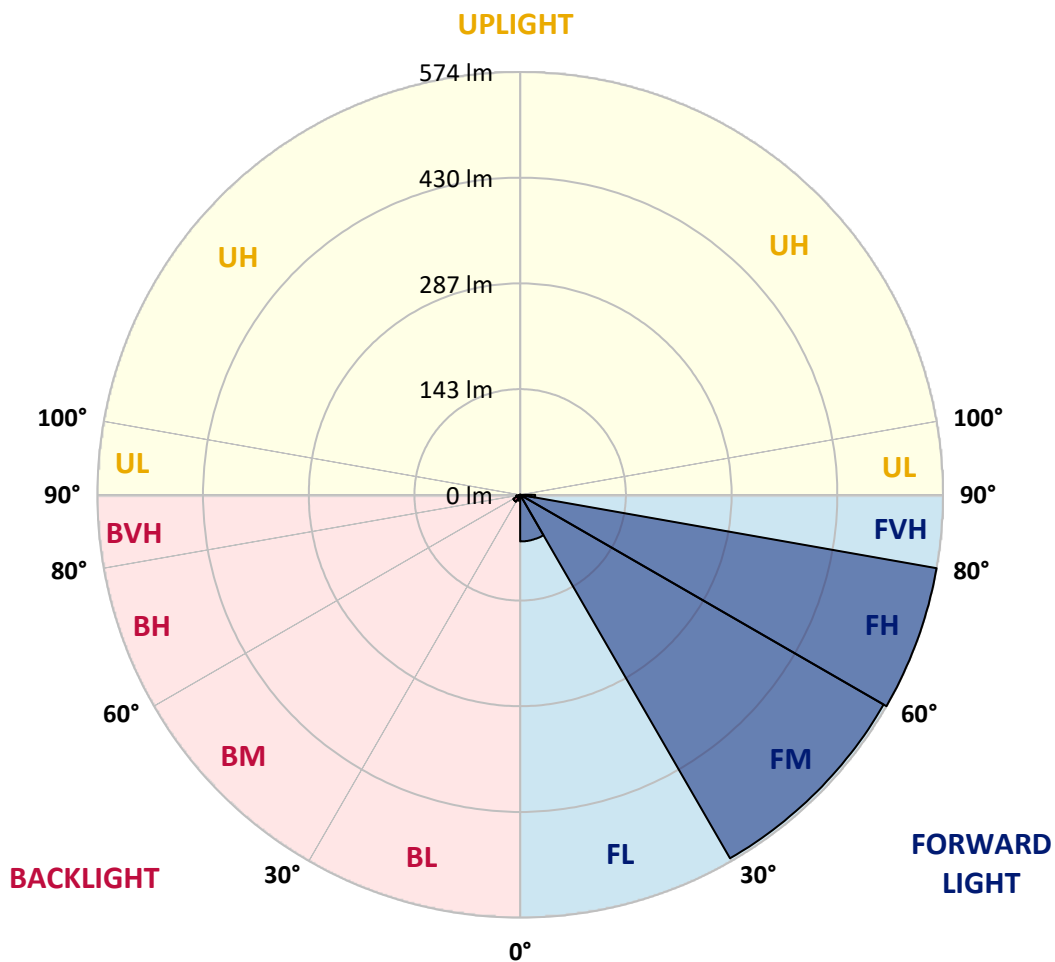
CATALOG NUMBER: ICM-F01-LED-E1-T3-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	63.3	5.1			
FM (30°-60°)	569.5	45.5			
FH (60°-80°)	573.8	45.8			G0/660
FVH (80°-90°)	20.3	1.6			G1/100
BL (0°-30°)	7.9	0.6	B0/110		
BM (30°-60°)	10.8	0.9	B0/220		
BH (60°-80°)	5.6	0.4	B0/110		G0/110
BVH (80°-90°)	1.0	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°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2.5°	46.0	45.3	45.6	44.0	43.0	41.8	40.7	40.5	40.2	39.7	39.9
5°	66.3	65.5	63.7	60.7	57.9	53.5	49.1	48.9	48.1	47.3	46.9
7.5°	92.2	90.9	88.8	83.7	76.8	69.1	60.4	59.6	58.6	57.6	56.6
10°	122.1	121.3	117.5	111.6	101.1	88.6	74.0	73.2	70.9	69.6	68.6
12.5°	153.6	150.2	148.7	138.5	126.4	109.3	90.6	87.8	86.0	84.2	81.7
15°	177.4	177.9	174.3	166.1	152.1	132.1	108.7	105.7	103.2	99.8	96.7
17.5°	198.9	197.9	194.0	188.9	175.6	155.3	128.3	124.2	120.1	118.2	114.0
20°	216.3	215.8	212.7	207.8	197.6	178.1	148.7	145.4	140.7	137.7	132.8
22.5°	230.1	230.1	228.4	225.5	215.5	199.9	170.5	166.9	162.3	158.4	153.1
25°	241.1	240.8	241.1	239.8	233.2	218.9	192.7	188.7	184.8	180.2	175.1
27.5°	253.7	254.1	253.7	252.9	250.0	238.6	215.3	212.5	208.1	203.3	198.1
30°	273.1	271.6	271.4	270.8	267.5	260.4	238.6	235.3	231.9	228.6	225.0
32.5°	293.6	291.1	290.2	290.2	288.0	281.6	265.5	263.6	258.8	256.3	253.1
35°	316.9	315.9	314.9	315.1	314.0	307.4	294.1	294.6	293.1	288.0	284.9
37.5°	351.0	351.2	349.4	346.0	346.0	340.2	332.6	331.5	327.6	326.3	324.6
40°	399.5	398.3	396.7	391.9	390.1	380.1	372.9	370.4	367.4	367.1	365.0
42.5°	455.9	454.3	454.3	450.8	447.2	435.2	421.6	419.8	416.5	417.5	416.7
45°	508.1	509.4	511.2	513.8	514.2	509.1	489.4	487.2	485.3	484.3	483.5
47.5°	553.2	555.4	561.4	572.4	586.4	588.3	572.7	566.5	565.2	563.4	561.9
50°	585.4	588.7	602.1	623.5	651.0	667.8	659.4	654.2	654.1	649.1	648.7
52.5°	603.8	607.4	629.2	661.7	704.2	737.2	747.7	747.4	747.0	742.6	740.8
55°	607.9	611.8	637.9	682.1	742.9	799.9	840.1	841.1	843.4	842.1	842.1
57.5°	596.7	601.6	630.0	684.7	763.1	849.6	937.4	943.3	946.1	956.1	967.6
60°	575.9	579.5	607.9	669.1	766.6	894.9	1063.8	1082.5	1097.1	1116.8	1135.5
62.5°	537.6	544.7	571.8	638.4	755.9	947.1	1214.9	1249.4	1277.9	1307.8	1343.9
65°	491.0	494.0	517.1	575.2	707.8	967.1	1298.3	1332.1	1368.5	1400.5	1432.8
67.5°	432.6	435.2	455.2	480.0	584.1	873.7	1216.2	1253.5	1286.3	1312.7	1354.9
70°	283.4	289.0	337.9	362.4	408.3	645.9	994.5	1030.6	1055.6	1073.6	1122.4
72.5°	207.6	211.2	230.9	281.6	292.8	381.7	699.8	739.0	748.2	782.1	804.8
75°	126.7	135.6	180.2	241.1	285.4	261.4	419.3	438.2	459.4	484.1	505.8
77.5°	25.6	29.2	58.9	166.1	251.1	279.3	250.3	254.0	264.5	266.7	274.9
80°	4.1	4.4	7.7	71.6	145.4	225.8	250.3	247.0	241.1	237.0	232.9
82.5°	1.8	2.0	3.3	18.1	31.0	75.3	216.6	233.5	252.9	263.6	266.5
85°	0.7	0.7	1.3	3.6	4.7	5.1	36.7	48.4	86.2	114.7	132.1
87.5°	0.6	0.6	0.7	0.7	1.0	1.3	1.8	1.8	2.0	2.3	3.3
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):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2.5°	39.9	39.7	39.7	38.9	38.9	38.7	38.7	38.4	38.4	37.9	38.1
5°	46.6	46.0	45.6	44.8	44.6	44.0	43.5	42.8	42.5	42.0	41.8
7.5°	55.5	55.1	54.0	52.5	51.4	50.4	49.4	48.4	47.6	46.9	46.3
10°	66.5	65.0	64.5	61.4	60.2	58.1	56.8	55.8	54.2	53.0	52.2
12.5°	79.9	78.6	76.0	71.9	69.9	68.1	65.8	63.7	62.2	59.9	58.3
15°	93.7	92.7	89.1	84.5	82.0	78.6	76.3	74.2	70.9	69.4	66.5
17.5°	111.1	108.0	104.5	97.8	94.4	91.6	87.5	84.5	82.4	77.9	75.3
20°	129.0	125.7	121.1	113.7	109.0	104.7	101.4	97.3	92.9	89.9	85.5
22.5°	149.5	144.1	140.6	131.3	126.0	121.3	115.7	111.3	107.0	102.1	97.3
25°	171.3	165.9	161.5	151.1	145.4	140.7	134.1	128.0	122.6	117.2	111.6
27.5°	194.0	189.2	184.3	173.6	168.7	162.3	156.2	149.0	142.0	137.2	129.5
30°	220.4	216.3	210.9	199.4	194.0	187.3	180.9	172.6	165.9	159.3	151.8
32.5°	248.8	245.5	239.8	229.6	223.3	217.6	210.7	202.5	193.0	186.1	177.4
35°	283.4	277.8	274.4	264.7	259.8	253.7	246.5	239.4	229.4	219.6	212.2
37.5°	322.8	320.2	315.9	306.7	303.1	296.7	292.1	284.9	277.2	264.9	257.0
40°	363.3	361.4	357.6	348.4	344.8	340.5	335.1	328.2	319.0	312.6	300.7
42.5°	414.7	411.9	408.8	400.1	393.2	387.8	385.5	379.6	369.9	361.7	352.5
45°	480.0	478.7	474.6	465.9	459.0	455.4	451.8	441.9	435.4	427.3	420.8
47.5°	558.8	554.7	552.7	542.9	540.7	537.8	528.6	523.0	513.8	507.4	499.4
50°	644.0	639.7	639.9	628.2	628.7	626.6	619.7	613.0	605.1	599.5	594.6
52.5°	735.7	737.8	732.7	736.2	732.1	727.4	726.2	718.1	711.1	710.9	704.2
55°	848.3	845.0	846.2	849.9	844.2	849.3	846.8	836.3	836.6	838.6	830.9
57.5°	969.4	974.2	984.8	987.1	996.8	990.1	1007.5	995.0	1002.7	1002.7	997.6
60°	1147.1	1166.5	1191.8	1211.5	1229.7	1223.8	1246.6	1232.3	1242.5	1233.8	1229.5
62.5°	1361.0	1386.9	1416.8	1448.8	1467.3	1471.9	1468.6	1475.0	1464.9	1458.5	1442.0
65°	1463.9	1489.5	1515.6	1554.1	1559.2	1563.0	1561.5	1550.7	1538.4	1520.3	1498.5
67.5°	1378.4	1414.2	1428.8	1473.1	1488.0	1482.6	1484.4	1470.6	1451.4	1433.5	1401.5
70°	1143.0	1183.9	1191.5	1255.1	1272.8	1298.3	1289.1	1285.0	1264.0	1248.9	1213.6
72.5°	832.2	864.2	861.6	933.0	930.0	940.5	965.3	964.3	942.2	937.4	907.7
75°	512.2	531.4	530.4	581.0	559.8	556.7	563.6	560.6	539.8	518.3	499.9
77.5°	271.4	280.0	270.8	255.7	254.1	237.0	232.2	231.9	216.0	196.6	182.2
80°	228.6	219.6	208.8	186.9	174.0	162.5	151.8	141.8	131.1	116.7	99.3
82.5°	267.0	262.6	255.0	227.4	214.0	191.0	173.8	157.7	138.0	123.2	100.8
85°	130.0	129.8	135.9	133.1	128.3	127.3	110.3	106.7	98.8	90.6	75.8
87.5°	3.6	2.6	3.1	2.6	3.1	3.3	2.3	5.4	3.3	3.1	3.6
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°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2.5°	37.9	37.7	37.4	37.4	37.1	37.1	36.8	36.7	36.7	36.4	36.4
5°	41.2	40.7	40.5	40.2	39.7	39.4	38.9	38.7	38.1	37.9	37.4
7.5°	45.3	44.8	43.8	43.3	42.5	42.2	40.9	40.5	39.9	39.4	38.7
10°	50.4	49.1	48.1	47.1	45.9	44.8	43.8	43.0	42.0	40.7	40.2
12.5°	56.8	55.1	53.5	51.7	50.1	48.7	46.9	45.6	44.0	42.8	41.5
15°	64.0	61.4	59.3	56.8	54.2	52.5	50.7	48.9	46.9	45.0	43.5
17.5°	72.2	68.8	66.0	63.0	60.2	57.6	54.5	52.2	50.0	47.3	45.3
20°	80.9	77.6	73.8	70.4	66.3	63.4	59.6	56.6	53.2	50.7	47.9
22.5°	92.4	88.1	83.2	78.6	74.2	69.9	65.8	62.0	57.9	54.0	51.2
25°	106.0	100.6	94.4	89.9	83.7	78.9	73.8	68.8	64.5	59.6	55.1
27.5°	122.9	115.7	109.0	102.6	96.0	89.9	83.2	77.6	71.6	66.0	60.9
30°	142.6	135.6	125.7	118.5	111.9	103.4	96.7	89.3	82.7	74.5	68.8
32.5°	168.7	159.7	149.2	139.7	131.1	121.6	112.4	102.9	94.2	86.8	78.3
35°	202.7	192.3	179.7	167.6	158.0	146.4	134.6	123.9	114.0	103.2	92.7
37.5°	245.8	236.0	222.4	207.8	194.8	180.9	168.7	153.6	140.3	127.3	114.0
40°	288.5	279.5	265.5	249.9	232.9	217.0	201.5	184.3	167.4	151.1	137.2
42.5°	341.2	327.9	312.8	295.2	278.8	259.8	240.4	220.7	200.5	180.7	161.0
45°	407.5	397.3	376.0	357.1	337.7	315.4	291.3	268.7	242.9	219.6	193.5
47.5°	488.2	469.7	454.1	436.7	412.4	390.9	360.2	333.6	301.3	270.3	239.1
50°	583.4	573.1	552.4	530.6	504.3	478.7	448.7	410.3	371.7	338.7	295.9
52.5°	694.7	680.1	667.1	644.6	617.7	584.9	550.9	509.1	461.8	415.2	369.7
55°	826.8	816.6	804.0	786.1	751.8	714.7	673.8	623.8	567.7	505.0	452.1
57.5°	997.3	986.5	974.5	937.7	914.3	868.7	809.4	757.7	697.3	616.9	551.2
60°	1230.0	1215.4	1198.5	1168.6	1119.9	1060.8	997.0	920.5	846.5	758.7	672.5
62.5°	1428.8	1405.6	1369.5	1330.8	1272.5	1204.7	1124.5	1034.4	950.1	851.4	755.4
65°	1469.9	1437.9	1395.4	1344.9	1284.8	1208.2	1124.5	1038.2	939.2	846.2	749.8
67.5°	1363.4	1326.2	1282.7	1226.4	1169.0	1090.2	1018.1	930.2	837.0	756.7	670.4
70°	1188.3	1133.2	1088.7	1028.8	970.7	908.7	832.7	766.9	691.2	617.1	551.2
72.5°	892.4	838.1	797.6	749.8	715.2	649.7	593.9	544.7	499.9	444.7	395.7
75°	481.0	440.3	413.1	391.4	360.4	317.1	290.5	256.7	237.8	214.8	192.5
77.5°	156.9	138.2	118.0	98.3	84.5	63.4	61.4	48.9	46.0	44.8	34.5
80°	80.4	62.0	44.8	32.3	24.6	21.8	20.7	19.7	18.7	18.0	16.7
82.5°	80.7	58.3	40.2	27.9	20.2	16.9	15.9	15.3	14.6	13.9	12.8
85°	58.9	43.5	30.0	20.5	14.0	11.3	10.8	10.0	9.5	9.2	8.2
87.5°	3.8	2.8	2.6	2.3	2.3	2.3	2.6	2.3	2.6	2.6	2.3
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2.5°	36.1	35.8	35.8	35.5	35.3	35.3	35.1	35.1	34.3	33.0	32.0
5°	37.1	36.7	36.4	36.1	35.8	35.3	35.1	34.8	33.5	31.0	28.9
7.5°	37.9	37.4	37.1	36.7	35.8	35.5	35.1	34.5	32.5	28.9	26.6
10°	39.2	38.4	37.7	36.8	36.1	35.5	34.8	34.3	31.3	27.2	24.8
12.5°	40.5	39.4	38.4	37.1	36.4	35.5	34.8	33.8	30.2	25.6	23.1
15°	42.0	40.5	39.2	37.9	36.7	35.5	34.3	33.5	29.2	24.3	22.0
17.5°	43.5	41.8	39.9	38.1	36.8	35.3	34.3	33.0	28.2	23.3	20.7
20°	45.3	42.8	40.9	38.9	37.1	35.3	33.8	32.5	27.2	22.0	19.4
22.5°	47.9	44.8	42.0	39.7	37.4	35.5	33.8	32.0	26.1	21.0	18.4
25°	51.2	47.3	44.0	41.2	38.4	36.1	34.0	32.3	25.3	20.2	17.1
27.5°	56.1	51.2	47.6	43.8	40.2	37.4	34.8	32.7	24.8	19.4	16.4
30°	62.0	57.1	51.4	46.9	43.0	39.2	36.4	33.3	24.3	18.7	15.3
32.5°	70.6	63.7	57.1	51.4	46.0	41.8	37.7	34.5	24.1	17.4	14.3
35°	83.2	73.8	65.8	58.3	51.0	45.6	40.7	36.7	23.8	16.4	13.3
37.5°	101.1	89.9	79.6	69.1	59.9	52.2	45.6	40.2	23.8	15.6	12.3
40°	120.3	105.7	92.7	79.6	67.8	58.1	49.1	42.5	23.3	14.6	11.3
42.5°	142.0	124.2	106.2	90.1	75.5	63.0	52.5	44.3	22.0	13.6	10.2
45°	171.3	147.7	126.2	105.5	86.5	70.1	56.8	46.3	20.7	12.8	9.2
47.5°	207.8	180.5	152.6	126.4	101.6	80.9	63.3	49.7	20.0	11.8	8.5
50°	262.4	223.4	186.6	153.3	121.9	94.7	72.7	54.5	19.2	11.0	7.7
52.5°	322.2	274.4	231.2	188.4	149.2	113.4	83.7	60.9	18.4	10.2	6.9
55°	395.3	336.4	283.6	228.1	177.9	135.2	97.3	68.1	17.4	9.5	6.4
57.5°	485.3	410.9	348.4	280.6	217.6	163.3	115.4	80.1	16.4	8.5	5.7
60°	586.0	501.7	423.2	343.5	267.3	200.7	142.3	97.3	15.3	7.4	4.8
62.5°	658.4	566.0	476.1	386.8	303.1	228.6	164.1	110.6	13.9	6.4	4.4
65°	657.6	563.9	473.6	385.5	304.1	229.6	164.8	113.1	12.3	5.7	3.8
67.5°	586.0	507.1	426.4	347.4	276.2	208.8	152.6	104.9	10.5	5.1	3.3
70°	482.0	419.3	355.5	292.8	235.7	178.9	131.8	91.3	8.9	4.7	2.8
72.5°	352.0	306.1	267.3	223.0	184.1	141.3	105.2	71.6	7.2	3.8	2.6
75°	174.8	156.4	134.1	120.3	102.6	84.0	65.3	41.8	5.9	3.1	2.3
77.5°	33.3	29.7	28.4	24.6	22.5	20.0	17.7	12.6	4.7	2.3	2.0
80°	15.3	14.0	12.8	11.5	10.2	8.7	7.7	6.7	3.6	1.8	2.3
82.5°	12.0	11.0	9.8	8.7	7.7	6.7	5.7	4.8	2.3	1.6	2.3
85°	7.9	6.9	6.1	5.4	4.7	4.1	3.6	3.1	1.6	1.6	1.6
87.5°	2.3	2.3	2.0	2.0	1.8	1.8	1.6	1.6	1.3	1.3	1.3
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: P181324

CATALOG NUMBER: ICM-F01-LED-E1-T3-HSS

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2.5°	31.0	29.7	29.2	28.9	28.9	29.2	28.9
5°	27.3	26.1	25.6	25.1	25.1	25.1	25.3
7.5°	25.1	23.8	23.1	22.8	22.5	22.8	22.8
10°	23.1	22.0	21.0	20.5	20.5	20.5	20.5
12.5°	21.5	20.2	19.2	19.0	18.7	18.7	18.7
15°	20.2	18.7	18.0	17.4	17.1	17.1	17.4
17.5°	18.7	17.4	16.4	16.1	16.1	16.1	16.1
20°	17.7	16.1	15.3	14.9	14.9	14.9	14.9
22.5°	16.4	15.1	14.0	13.6	13.6	13.6	13.6
25°	15.3	14.0	13.0	12.6	12.6	12.6	12.6
27.5°	14.3	13.0	12.0	11.5	11.5	11.5	11.5
30°	13.3	12.0	11.0	10.5	10.5	10.5	10.5
32.5°	12.6	11.0	10.0	9.5	9.5	9.8	9.5
35°	11.3	10.0	8.9	8.5	8.5	8.5	8.5
37.5°	10.2	8.9	7.9	7.4	7.4	7.4	7.2
40°	9.5	7.9	6.9	6.4	6.1	6.1	6.1
42.5°	8.2	6.7	5.9	5.4	5.1	5.1	5.1
45°	7.4	5.9	4.8	4.4	4.4	4.4	4.4
47.5°	6.7	5.1	4.1	3.6	3.6	3.8	3.8
50°	5.9	4.4	3.3	3.3	3.3	3.6	3.6
52.5°	5.1	3.8	3.1	3.1	3.3	3.6	3.6
55°	4.7	3.3	2.8	3.1	3.3	3.6	3.6
57.5°	4.1	2.8	2.8	3.1	3.3	3.6	3.6
60°	3.6	2.6	2.6	2.8	3.3	3.6	3.6
62.5°	3.1	2.6	2.6	2.8	3.3	3.6	3.6
65°	2.8	2.6	2.6	2.8	3.3	3.6	3.6
67.5°	2.6	2.3	2.6	2.8	3.1	3.3	3.3
70°	2.3	2.3	2.6	2.8	3.1	3.3	3.3
72.5°	2.3	2.3	2.3	2.6	2.8	3.1	3.1
75°	2.3	2.3	2.3	2.6	2.8	3.1	3.1
77.5°	2.3	2.0	2.0	2.3	2.8	3.1	3.1
80°	2.3	2.0	2.0	2.3	2.6	3.1	3.1
82.5°	1.8	1.8	2.0	2.3	2.6	2.8	2.8
85°	1.6	1.8	1.8	2.0	2.3	2.8	2.8
87.5°	1.3	1.3	1.6	1.8	2.0	2.3	2.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)