

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: P181202

Luminaire Tested: **ICS-E01-LED-E1-T2-HSS-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181202  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-E01-LED-E1-T2-HSS-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD  
Light Source: (21) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1216.4 lumens  
Efficiency: N/A  
Efficacy: 49.2 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

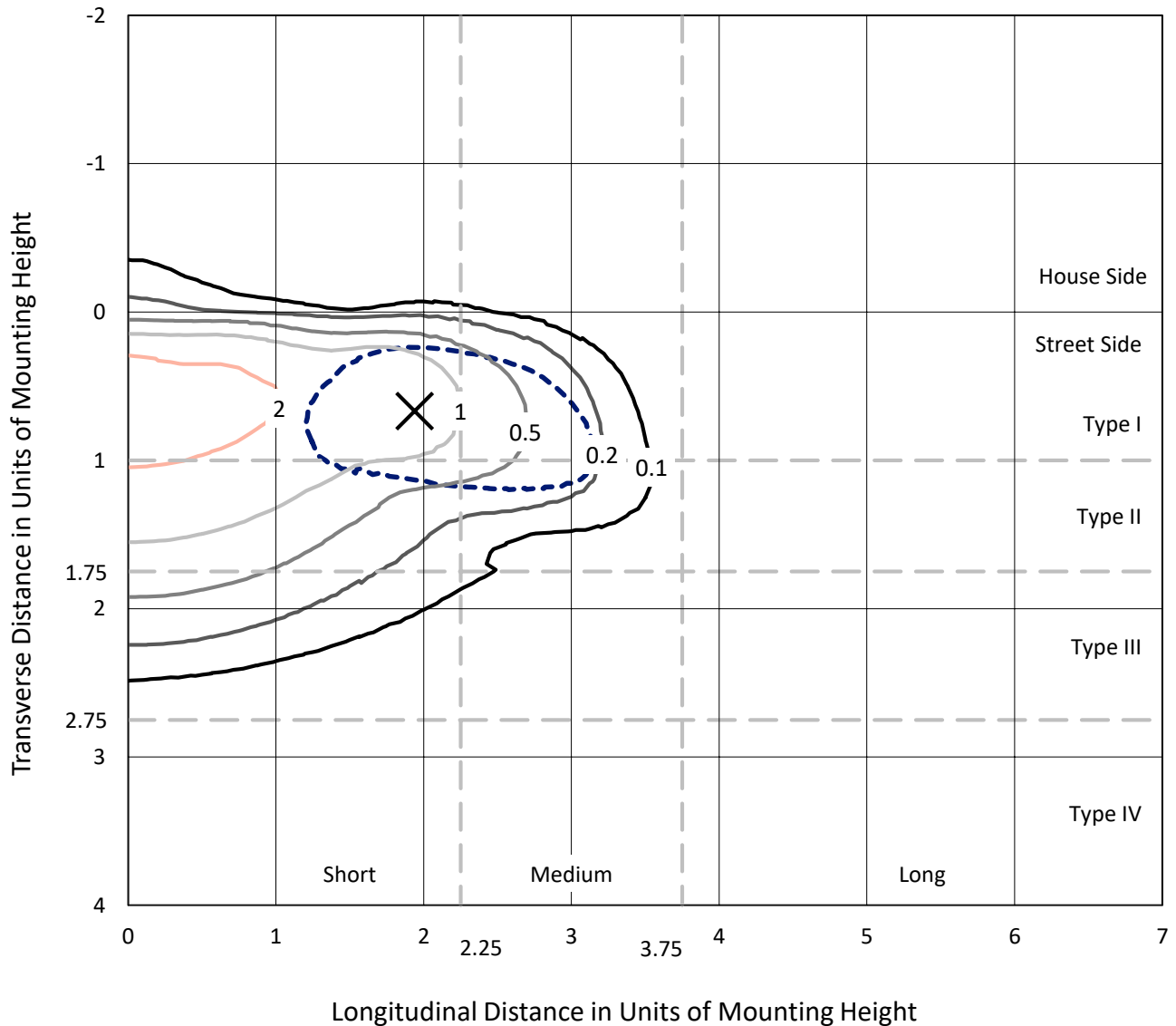
Input Watts (W): 24.7  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

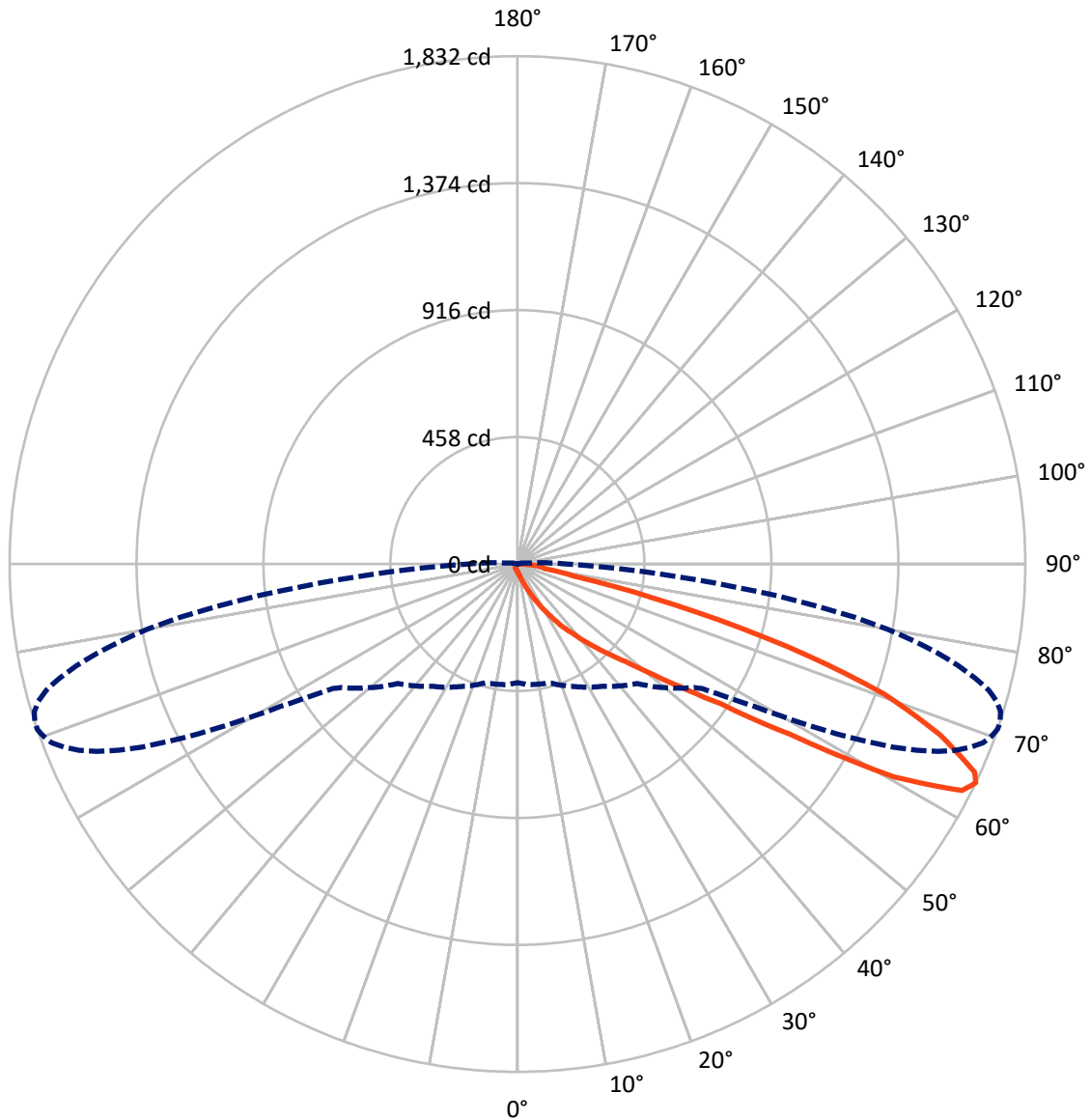
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.4 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 64-Deg Vertical

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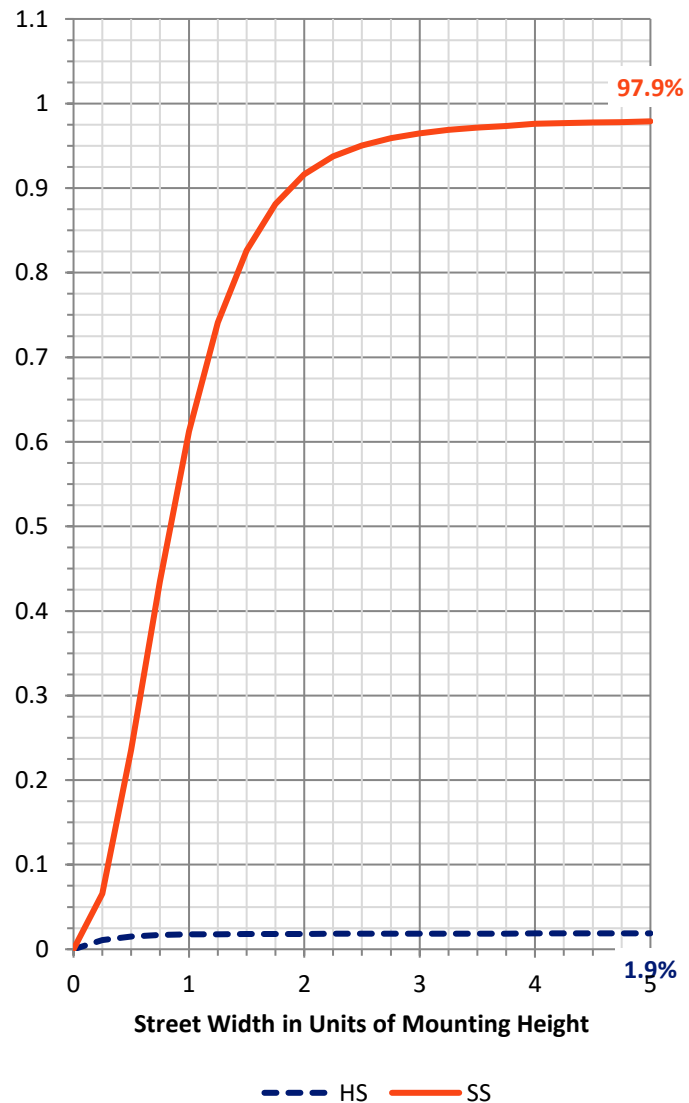
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	23.3	0.0	23.3
	% Fixture	1.9	0.0	1.9
<b>Street Side</b>	Lumens	1193.1	0.0	1193.1
	% Fixture	98.1	0.0	98.1
<b>Total</b>	Lumens	1216.4	0.0	1216.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.7	0.3
10°-20°	22.0	1.8
20°-30°	56.2	4.6
30°-40°	113.6	9.3
40°-50°	207.7	17.1
50°-60°	323.6	26.6
60°-70°	359.7	29.6
70°-80°	117.3	9.6
80°-90°	12.6	1.0
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°	1216.4	100.0
0°-180°	1216.4	100.0



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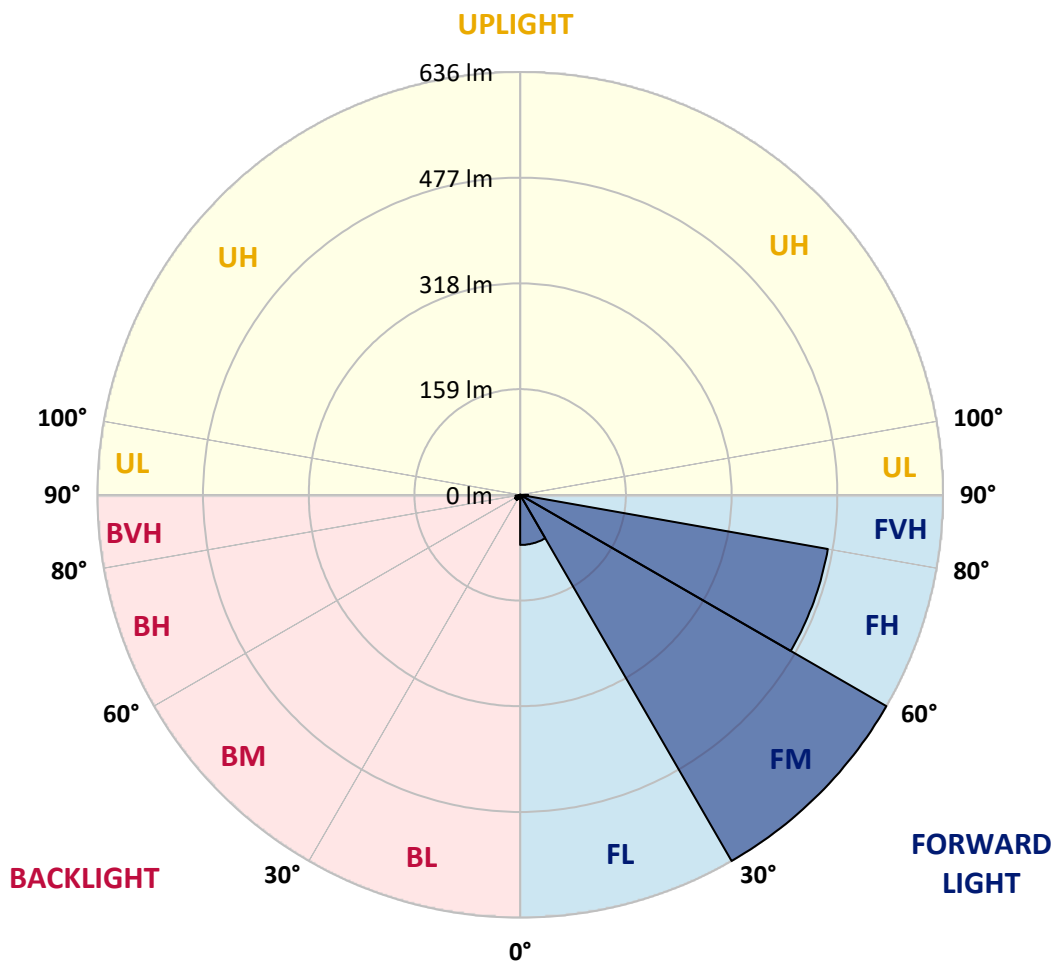
CATALOG NUMBER: ICS-E01-LED-E1-T2-HSS-8030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	75.4	6.2			
FM (30°-60°)	635.9	52.3			
FH (60°-80°)	469.8	38.6			G0/660
FVH (80°-90°)	12.0	1.0			G1/100
BL (0°-30°)	6.5	0.5	B0/110		
BM (30°-60°)	9.0	0.7	B0/220		
BH (60°-80°)	7.2	0.6	B0/110		G0/110
BVH (80°-90°)	0.6	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 II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
2.5°	36.5	36.0	36.0	35.2	34.2	33.2	32.2	31.9	31.7	31.4	31.4
5°	57.2	55.2	54.4	51.7	48.1	43.8	40.0	39.0	39.0	38.2	37.7
7.5°	89.9	88.9	83.6	80.8	72.4	62.0	51.1	50.1	49.9	48.9	47.4
10°	131.7	129.6	125.8	117.7	102.6	84.6	69.1	66.6	64.8	62.8	60.8
12.5°	173.4	170.9	165.3	152.2	137.0	113.9	89.1	86.9	84.1	81.3	78.0
15°	215.2	213.5	204.8	191.7	171.9	144.3	112.9	108.9	106.6	101.0	98.5
17.5°	251.4	249.2	242.3	227.4	206.9	176.5	139.3	134.2	130.4	127.1	121.0
20°	282.8	280.6	274.0	261.6	238.5	208.6	167.6	165.1	158.3	153.2	149.6
22.5°	302.1	301.3	297.0	285.1	264.6	238.0	200.0	196.0	191.4	184.6	180.5
25°	314.0	313.2	310.7	302.3	288.4	268.9	235.7	230.7	226.6	220.5	215.5
27.5°	326.4	325.9	323.9	316.5	309.2	297.0	271.9	269.2	260.3	256.8	251.9
30°	346.9	344.6	346.4	342.8	333.5	325.9	308.4	304.4	300.6	294.5	290.2
32.5°	379.6	375.8	379.6	375.8	371.7	362.6	345.9	344.6	340.8	337.0	330.9
35°	419.6	418.1	421.1	424.4	421.1	408.9	388.7	384.9	383.4	377.3	375.0
37.5°	459.8	462.6	468.2	475.5	473.5	464.6	436.0	432.5	429.7	424.4	420.3
40°	503.1	503.4	515.3	525.9	531.2	525.9	488.2	485.4	481.6	474.0	473.0
42.5°	550.2	548.2	557.1	569.0	579.9	587.2	557.1	551.7	546.4	537.8	532.0
45°	592.0	592.0	599.1	610.2	627.0	645.4	629.7	624.2	619.1	612.0	605.4
47.5°	622.9	623.2	627.5	643.7	669.7	697.3	697.8	698.9	695.1	686.7	687.0
50°	644.7	641.9	647.7	663.4	693.5	736.8	768.0	769.8	772.8	766.0	768.0
52.5°	660.6	659.4	663.2	676.3	706.5	759.4	825.5	833.1	837.6	838.6	847.0
55°	652.3	653.0	662.1	681.1	713.5	774.3	874.3	886.7	897.4	906.5	916.9
57.5°	624.7	627.0	642.9	672.5	715.1	786.5	926.2	945.2	965.2	989.5	1010.1
60°	580.6	585.9	607.5	649.0	700.4	770.5	941.7	970.8	1001.4	1038.4	1079.7
62.5°	516.0	517.1	531.2	571.5	628.2	685.7	870.8	908.0	948.5	1002.0	1059.7
64°	427.7	436.8	443.4	487.7	538.3	610.0	777.1	802.9	859.4	925.0	997.7
65°	353.0	363.9	369.2	413.5	471.5	539.8	695.6	723.2	782.7	849.3	939.9
67.5°	208.1	200.8	216.2	242.3	290.9	372.0	469.2	490.2	534.5	613.8	686.2
70°	134.2	134.2	148.4	175.0	220.0	282.1	322.3	313.5	322.8	353.5	404.6
72.5°	86.1	90.6	99.3	121.8	163.6	236.5	329.4	287.6	265.9	255.7	255.2
75°	39.2	41.8	51.1	64.6	87.4	154.2	332.2	314.0	294.0	274.7	259.8
77.5°	8.4	9.6	16.2	33.4	42.5	71.2	235.7	263.1	284.9	291.2	291.2
80°	4.3	4.6	6.8	15.7	18.2	24.1	90.9	119.5	147.4	184.1	222.6
82.5°	1.8	2.0	4.1	7.1	7.6	7.3	24.1	30.4	41.8	60.8	90.6
85°	0.5	0.5	1.8	2.8	4.1	3.3	5.3	6.1	7.8	11.4	21.8
87.5°	0.0	0.0	0.3	0.5	0.8	1.3	1.5	1.5	1.5	1.5	1.5
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°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
2.5°	31.1	31.1	30.9	30.6	30.6	30.1	30.1	29.9	29.9	29.6	29.6
5°	37.5	37.0	36.5	35.7	35.4	34.9	34.4	33.9	33.4	33.2	32.7
7.5°	46.6	46.1	44.6	43.6	42.3	41.5	40.5	39.8	39.0	38.5	37.5
10°	58.7	57.0	56.2	52.7	51.9	50.1	48.6	47.6	45.6	44.3	43.0
12.5°	76.0	72.7	71.4	65.3	63.6	61.0	59.3	56.7	54.4	52.9	50.6
15°	95.5	92.9	88.1	82.0	78.7	76.0	71.7	69.6	66.6	63.3	60.0
17.5°	118.8	114.2	108.9	101.0	97.0	92.7	88.6	84.3	79.3	76.2	72.7
20°	145.8	141.0	134.5	124.6	119.8	115.5	108.4	105.3	99.3	93.2	88.6
22.5°	175.5	170.7	164.3	153.2	146.9	139.8	133.9	128.6	121.5	115.5	110.1
25°	208.9	203.3	198.5	185.6	177.8	170.4	164.1	154.7	148.6	141.5	134.2
27.5°	246.9	240.3	234.0	219.8	212.4	204.3	196.7	186.9	181.0	169.4	162.6
30°	285.9	277.8	271.2	256.8	250.2	241.8	231.4	222.6	212.7	204.8	193.7
32.5°	326.9	320.3	315.0	299.8	291.4	281.1	271.7	262.3	253.7	241.1	230.9
35°	370.7	364.9	359.1	345.9	338.5	330.7	320.1	308.7	296.8	283.6	274.5
37.5°	416.8	412.2	407.7	391.7	383.1	374.8	362.6	351.2	340.6	326.6	311.2
40°	465.1	460.8	453.5	440.3	431.2	423.6	412.5	401.8	387.4	372.0	358.3
42.5°	525.9	516.6	510.2	495.8	486.2	477.8	467.9	452.0	439.8	421.3	408.2
45°	597.1	588.2	577.8	563.1	551.2	537.6	523.6	512.8	497.6	480.8	463.9
47.5°	677.1	670.0	657.8	643.4	631.5	617.8	601.4	587.4	569.0	549.5	526.4
50°	765.2	757.9	749.8	733.6	721.7	708.7	695.8	679.4	662.7	639.4	615.6
52.5°	847.0	848.5	843.7	836.1	830.3	816.9	805.0	789.3	774.6	753.3	734.8
55°	927.8	940.9	946.0	953.3	955.9	945.0	944.7	921.7	912.8	900.4	889.8
57.5°	1034.4	1063.5	1086.5	1131.1	1149.8	1168.8	1172.4	1156.2	1172.9	1151.4	1158.7
60°	1125.0	1178.4	1235.7	1350.9	1408.6	1452.2	1487.1	1512.9	1529.6	1558.0	1559.5
62.5°	1133.1	1217.2	1304.3	1472.4	1551.4	1617.5	1680.6	1724.6	1759.6	1791.7	1799.6
64°	1094.4	1198.4	1304.3	1507.6	1588.4	1661.8	1719.3	1763.1	1798.8	1818.8	1832.0
65°	1024.0	1140.5	1262.3	1484.3	1567.6	1645.6	1700.6	1744.6	1778.3	1798.3	1812.0
67.5°	758.6	871.3	993.6	1252.1	1383.3	1454.7	1525.1	1586.9	1614.0	1639.3	1644.1
70°	462.4	544.2	628.5	868.3	990.1	1118.4	1197.7	1288.1	1351.4	1390.4	1403.3
72.5°	279.0	307.4	357.8	486.7	603.4	693.5	803.2	889.5	960.4	999.7	1019.4
75°	248.4	244.9	251.4	305.1	346.6	400.8	440.6	494.8	538.6	552.3	577.8
77.5°	287.1	277.0	266.6	256.5	254.5	249.4	241.3	243.3	224.1	205.6	206.1
80°	255.7	280.1	294.5	283.8	259.8	235.5	205.6	168.4	131.7	108.9	99.3
82.5°	128.4	182.6	234.7	286.4	282.8	261.3	228.4	187.6	145.3	111.7	89.1
85°	39.5	70.1	98.8	137.2	159.3	156.2	137.2	133.4	95.2	74.2	57.2
87.5°	1.8	1.8	1.8	1.5	1.8	1.8	1.8	2.0	2.0	2.3	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):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
2.5°	29.6	29.4	29.1	28.9	28.9	28.9	28.6	28.6	28.4	28.4	28.1
5°	32.7	32.2	31.9	31.4	31.4	30.9	30.6	30.4	29.9	29.6	29.4
7.5°	36.7	36.2	35.4	34.7	34.4	33.7	32.9	32.4	31.9	31.4	30.9
10°	42.0	41.0	39.5	38.5	37.7	36.7	35.7	34.9	33.9	32.9	32.4
12.5°	48.9	46.8	45.3	43.6	42.0	40.5	38.7	37.7	36.7	35.2	34.2
15°	56.7	54.7	52.9	49.9	47.4	45.3	43.8	41.5	39.8	37.7	36.2
17.5°	70.1	64.8	61.3	58.2	55.7	51.9	48.9	46.3	44.1	41.5	39.8
20°	83.3	78.7	73.9	70.4	64.8	61.5	57.5	53.9	49.9	46.8	43.8
22.5°	102.6	96.7	90.6	85.3	77.7	73.2	67.9	63.3	58.2	53.2	49.9
25°	126.9	118.2	110.1	102.6	95.5	88.6	81.8	74.4	69.1	63.0	57.5
27.5°	152.4	142.8	135.0	125.1	116.0	107.6	99.0	91.2	82.0	74.2	67.6
30°	184.6	171.4	162.3	150.4	141.3	129.6	119.0	108.6	97.5	88.4	79.0
32.5°	217.3	208.4	192.9	182.8	169.1	155.2	144.1	132.2	118.5	106.6	95.2
35°	260.3	245.1	232.2	218.0	203.1	188.6	174.2	157.2	143.3	128.6	114.7
37.5°	298.3	282.8	267.9	249.4	232.4	217.3	199.8	182.1	165.6	148.1	131.4
40°	342.3	323.1	305.4	288.2	267.1	249.2	230.9	208.9	189.9	170.7	150.9
42.5°	390.5	371.0	349.9	330.2	307.1	285.1	262.6	240.6	219.3	196.0	172.9
45°	443.1	422.6	399.1	376.5	351.5	327.1	300.3	275.0	249.9	223.8	197.3
47.5°	508.4	482.1	460.3	432.2	401.1	375.5	342.6	313.7	285.1	254.7	224.9
50°	593.0	563.1	531.7	500.6	466.2	433.8	397.3	363.1	324.9	290.9	256.8
52.5°	705.2	682.9	646.4	610.7	568.7	527.4	477.3	433.0	383.9	340.6	298.8
55°	864.5	849.8	818.1	779.1	742.4	682.2	624.4	555.5	491.7	429.4	370.7
57.5°	1152.9	1136.9	1101.7	1092.4	1035.9	991.6	924.0	834.8	726.7	631.5	536.6
60°	1568.1	1537.0	1502.6	1496.2	1429.9	1383.3	1316.2	1221.2	1119.4	967.5	838.1
62.5°	1800.1	1790.7	1762.9	1728.7	1671.2	1602.1	1526.6	1434.7	1331.4	1198.2	1044.2
64°	1831.2	1822.6	1798.6	1760.1	1702.3	1633.7	1550.2	1458.5	1354.9	1233.4	1092.9
65°	1811.7	1799.6	1779.1	1743.6	1689.9	1624.1	1540.0	1447.1	1342.0	1225.0	1094.4
67.5°	1654.5	1648.9	1630.2	1597.3	1563.6	1504.3	1430.4	1347.3	1261.5	1145.5	1038.4
70°	1404.8	1400.8	1377.0	1363.8	1308.1	1270.6	1210.9	1145.5	1069.6	988.8	897.6
72.5°	1041.5	1027.8	1008.5	988.5	950.8	899.4	852.8	783.2	743.9	675.8	624.4
75°	552.3	543.6	513.8	472.0	425.4	401.3	353.0	309.7	275.2	259.8	222.6
77.5°	190.9	174.0	157.2	138.5	109.9	86.6	69.1	55.2	43.6	38.5	32.2
80°	95.2	90.4	85.1	74.4	62.5	50.4	39.5	31.1	25.6	21.8	19.5
82.5°	77.2	68.4	61.0	53.4	42.8	35.2	27.9	22.8	18.7	16.5	14.4
85°	45.6	34.9	26.6	24.1	18.7	16.2	13.9	11.9	10.1	9.6	8.9
87.5°	1.8	2.3	2.3	1.8	2.3	2.0	2.0	1.8	1.8	1.8	1.8
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: ICS-E01-LED-E1-T2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
2.5°	28.1	27.9	27.9	27.6	27.3	27.3	27.3	27.1	26.6	25.6	24.8
5°	29.1	28.9	28.6	28.1	27.9	27.6	27.3	27.3	26.1	24.3	23.0
7.5°	30.4	29.9	29.4	28.9	28.6	28.1	27.6	27.3	25.6	23.3	22.0
10°	31.7	30.9	30.1	29.9	29.1	28.6	27.9	27.3	25.3	22.5	20.8
12.5°	33.2	32.2	31.1	30.4	29.4	28.9	28.1	27.3	24.8	21.8	19.8
15°	34.9	33.4	32.2	31.4	30.4	29.1	28.1	27.3	24.3	21.0	18.7
17.5°	37.2	35.4	33.9	32.4	30.9	29.6	28.6	27.6	23.5	20.0	17.5
20°	40.8	38.5	36.0	34.2	32.2	30.6	28.9	27.6	23.0	19.0	16.5
22.5°	45.6	42.0	39.2	36.2	33.7	31.7	29.6	28.1	22.3	18.0	15.2
25°	52.4	47.9	43.3	39.5	36.2	33.4	30.9	28.9	21.8	17.2	14.4
27.5°	60.0	54.7	48.6	44.1	39.5	35.4	32.7	30.1	21.8	16.7	13.7
30°	70.6	63.0	55.7	49.9	43.8	39.2	35.2	31.9	21.8	16.5	12.9
32.5°	83.6	75.0	65.6	57.2	50.1	43.6	38.5	34.2	22.3	16.0	12.4
35°	101.5	88.9	77.7	67.4	58.0	50.4	43.8	38.0	23.0	15.7	11.6
37.5°	115.7	100.5	86.3	74.4	63.6	54.2	45.8	39.5	22.3	14.7	10.9
40°	132.7	115.5	98.2	83.3	70.9	58.7	49.1	41.5	21.8	13.4	9.9
42.5°	153.2	131.7	111.7	94.7	79.3	64.8	53.4	44.1	21.8	12.7	9.1
45°	172.4	148.9	126.6	105.3	87.4	71.4	57.5	46.8	21.5	11.9	8.1
47.5°	196.2	168.4	142.3	117.7	97.0	77.5	61.8	49.4	21.3	11.1	7.3
50°	224.3	190.4	161.0	131.7	106.3	84.8	66.8	52.2	20.8	10.4	6.6
52.5°	255.5	219.0	181.6	147.6	118.0	92.7	71.7	54.7	20.0	9.6	5.8
55°	310.7	260.6	216.2	174.2	135.7	104.3	78.7	58.5	19.2	8.9	5.1
57.5°	443.1	360.1	297.3	234.0	178.8	133.9	98.0	69.4	18.2	7.8	4.1
60°	695.8	558.8	452.2	354.7	270.4	205.6	144.3	102.6	19.5	6.6	3.5
62.5°	892.6	735.1	599.4	477.0	370.4	281.6	210.2	153.2	28.1	5.8	2.8
64°	944.0	784.4	639.6	511.5	400.6	308.9	234.5	173.2	36.2	5.8	2.5
65°	951.6	799.6	654.0	524.1	411.0	316.3	241.6	179.8	39.5	6.1	2.3
67.5°	920.2	790.8	658.3	529.5	418.8	326.4	251.2	190.2	44.6	5.8	1.8
70°	803.7	708.5	599.6	495.3	395.0	310.2	241.6	184.3	46.6	5.6	1.5
72.5°	546.9	481.4	417.0	343.1	275.0	226.6	176.2	129.9	32.7	4.6	1.3
75°	182.3	177.8	159.0	120.5	101.3	82.3	65.8	50.6	12.4	2.8	1.3
77.5°	30.4	26.1	22.8	21.8	18.2	17.7	15.4	12.4	5.3	1.8	1.3
80°	17.7	16.2	14.2	12.7	11.1	9.9	8.4	7.1	3.3	1.3	1.5
82.5°	13.2	11.6	10.4	9.1	7.8	6.8	5.8	4.8	1.8	1.3	1.5
85°	7.6	6.6	5.8	5.1	4.1	3.5	3.0	2.5	1.3	1.3	1.3
87.5°	1.5	1.5	1.3	1.3	1.3	1.3	1.3	1.0	1.3	1.3	1.0
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: P181202

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**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	27.1	27.1	27.1	27.1	27.1	27.1	27.1
2.5°	24.3	23.5	23.3	23.3	23.3	23.3	23.3
5°	22.3	21.5	21.0	20.8	20.8	20.8	20.8
7.5°	20.8	19.8	19.2	18.7	18.7	18.5	18.5
10°	19.2	18.2	17.5	17.0	16.7	16.7	16.7
12.5°	18.0	17.0	16.0	15.4	15.4	15.2	15.2
15°	17.0	15.4	14.7	14.2	14.2	13.9	13.9
17.5°	15.7	14.4	13.7	13.2	12.9	12.9	12.9
20°	14.4	13.2	12.4	12.2	11.9	11.9	11.6
22.5°	13.4	12.2	11.4	11.1	10.9	10.9	10.6
25°	12.4	11.1	10.4	10.1	9.9	9.6	9.6
27.5°	11.6	10.4	9.6	9.1	8.9	8.6	8.6
30°	10.9	9.4	8.6	8.1	7.8	7.6	7.6
32.5°	10.1	8.6	7.6	7.1	6.8	6.6	6.6
35°	9.1	7.6	6.6	6.3	6.1	5.8	5.6
37.5°	8.4	6.6	5.8	5.3	5.1	4.8	4.8
40°	7.3	5.8	5.1	4.6	4.1	3.8	3.8
42.5°	6.6	5.1	4.3	3.5	3.3	3.0	3.0
45°	5.8	4.6	3.5	2.8	2.5	2.3	2.3
47.5°	5.1	3.8	2.8	2.3	2.0	1.8	1.8
50°	4.3	3.0	2.0	1.5	1.8	1.5	1.5
52.5°	3.8	2.3	1.5	1.5	1.5	1.5	1.5
55°	3.0	1.8	1.3	1.3	1.5	1.5	1.5
57.5°	2.5	1.3	1.0	1.3	1.3	1.3	1.3
60°	1.8	1.0	1.0	1.3	1.3	1.3	1.3
62.5°	1.5	1.0	1.0	1.0	1.3	1.3	1.3
64°	1.3	1.0	1.0	1.0	1.3	1.3	1.3
65°	1.3	1.0	1.0	1.0	1.3	1.3	1.3
67.5°	1.3	1.0	1.0	1.0	1.3	1.3	1.3
70°	1.0	1.0	1.0	1.0	1.3	1.3	1.3
72.5°	1.0	1.0	1.0	1.0	1.3	1.3	1.3
75°	1.0	1.0	1.0	1.0	1.3	1.3	1.3
77.5°	1.0	1.0	1.0	1.3	1.3	1.3	1.3
80°	1.0	1.0	1.0	1.3	1.3	1.3	1.3
82.5°	1.0	1.0	1.0	1.3	1.3	1.3	1.3
85°	1.0	1.0	1.0	1.3	1.3	1.3	1.3
87.5°	1.0	1.0	1.0	1.3	1.3	1.3	1.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)