

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: P181021

Luminaire Tested: **ICS-F01-LED-E1-SLL-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181021  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ICS-F01-LED-E1-SLL-8030  
Description: ICON SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (7) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1744.9 lumens  
Efficiency: N/A  
Efficacy: 67.4 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

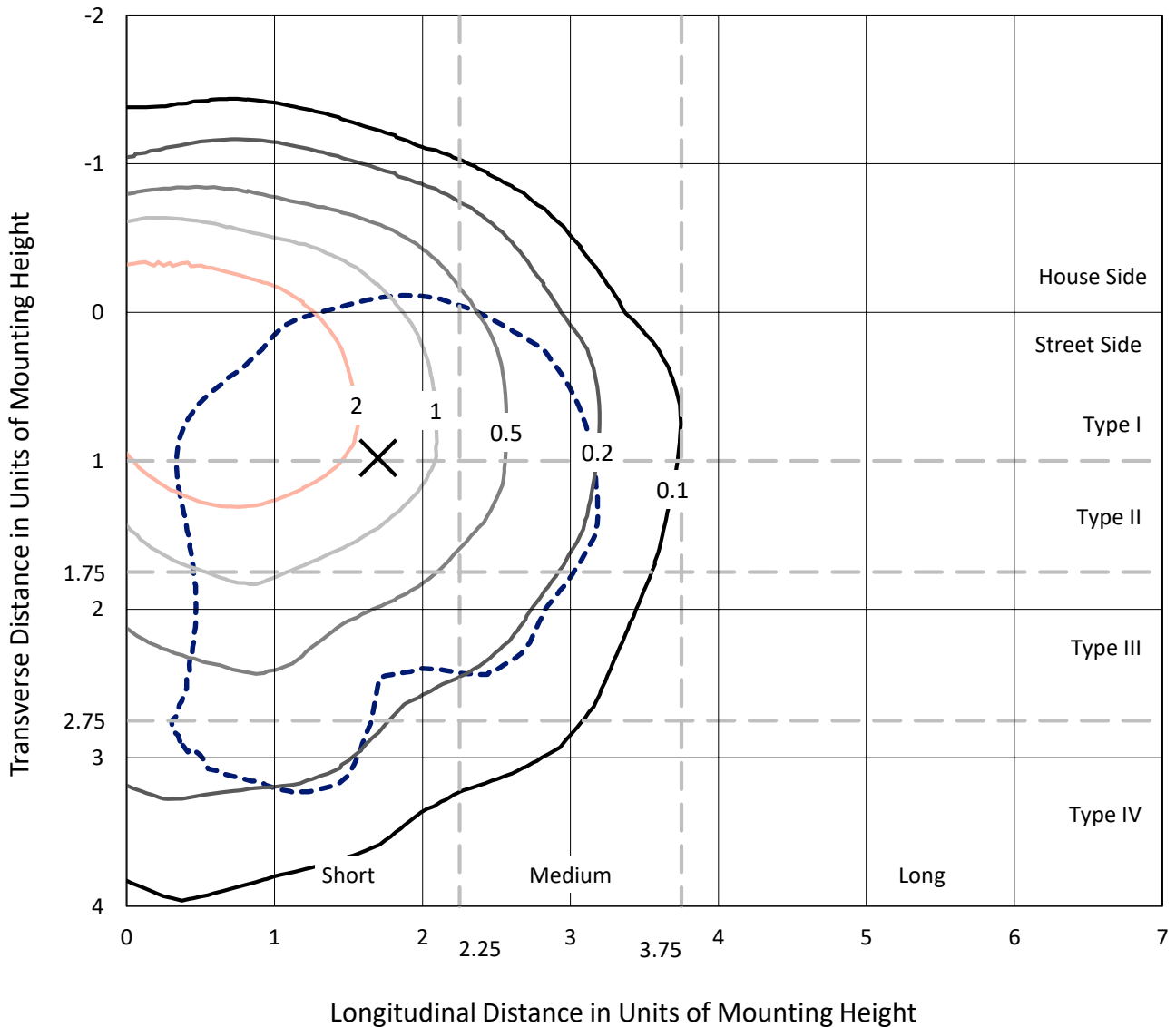
Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

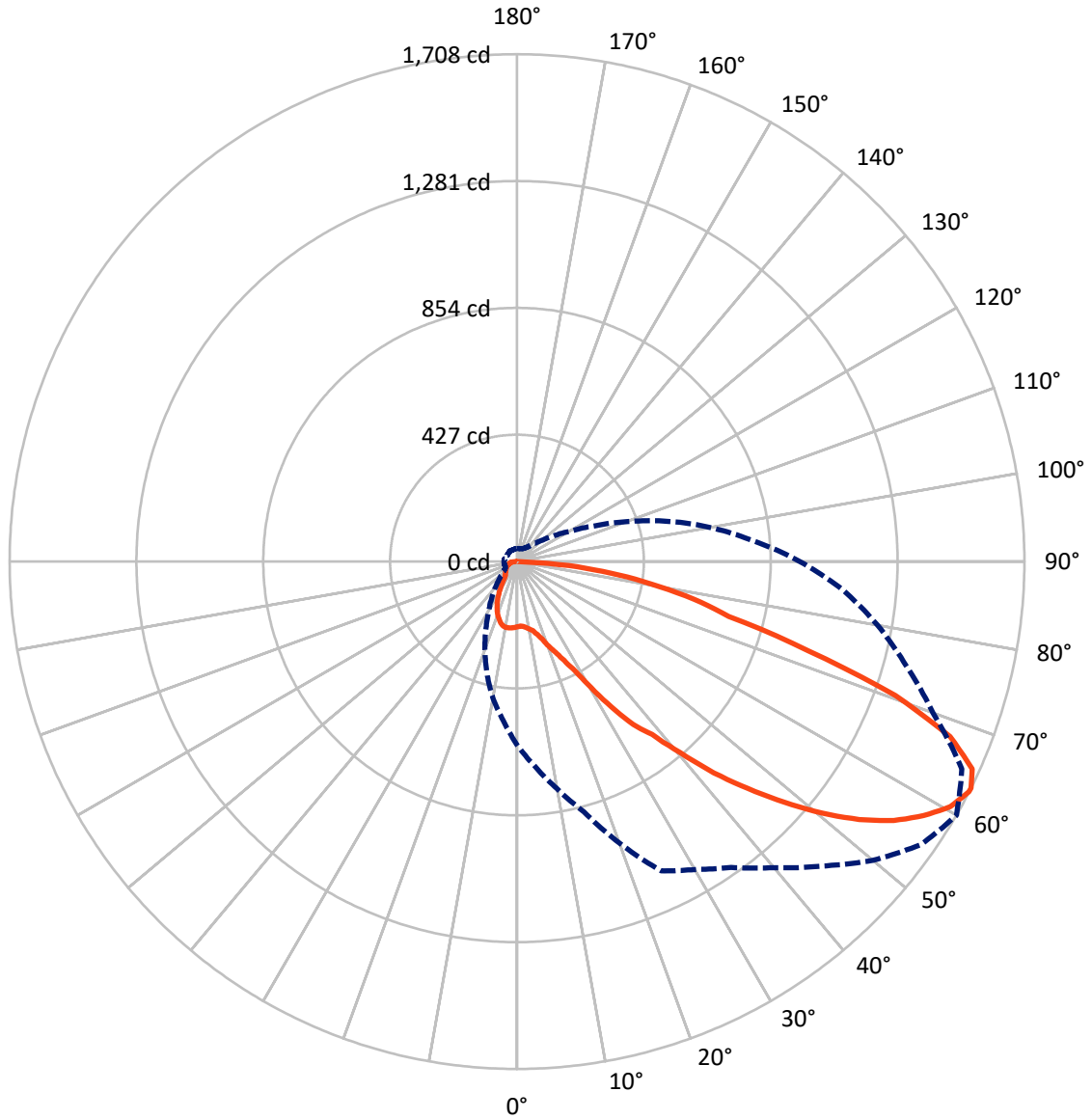


Based on 10 foot mounting height. Maximum calculated value = 4.3 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 63-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	378.4	0.0	378.4
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	1366.5	0.0	1366.5
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	1744.9	0.0	1744.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.3	1.2
10°-20°	66.5	3.8
20°-30°	118.1	6.8
30°-40°	186.0	10.7
40°-50°	273.7	15.7
50°-60°	363.6	20.8
60°-70°	400.5	23.0
70°-80°	251.2	14.4
80°-90°	64.0	3.7
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°	1744.9	100.0
0°-180°	1744.9	100.0



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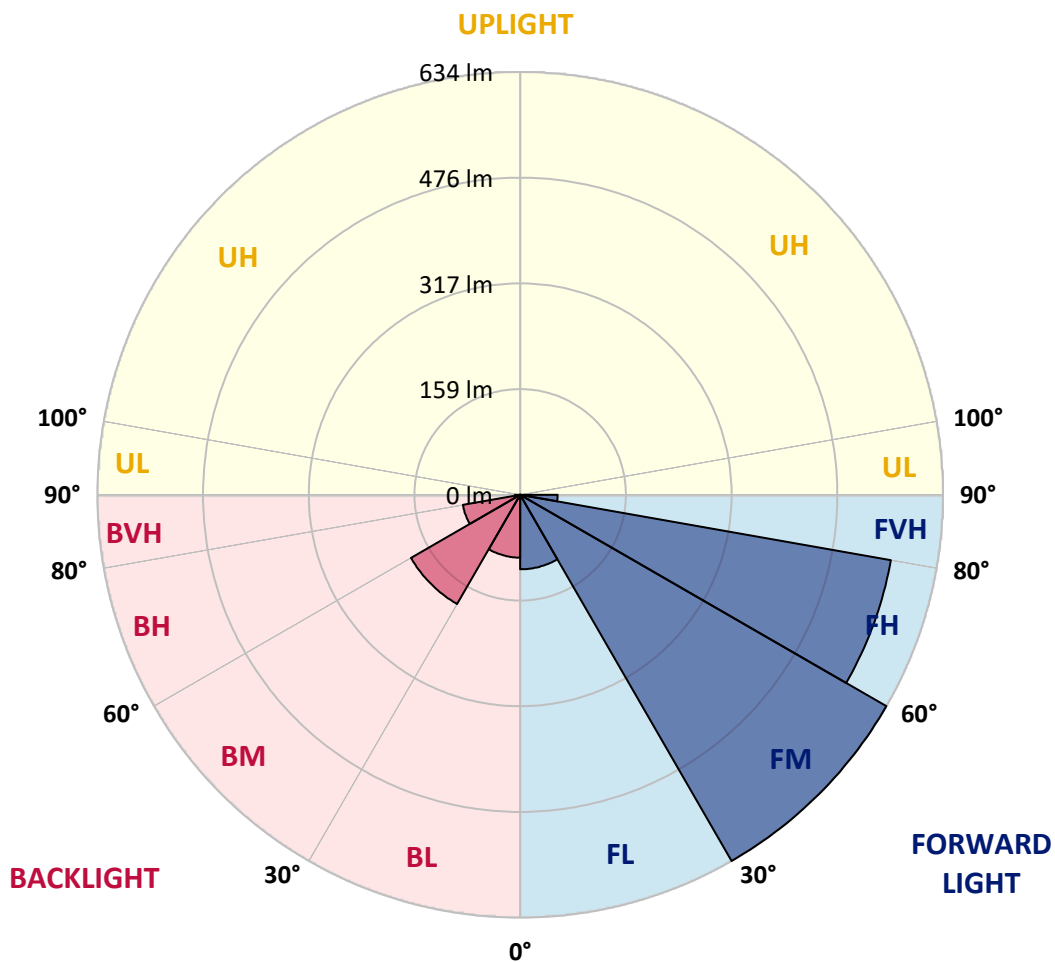
CATALOG NUMBER: ICS-F01-LED-E1-SLL-8030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	111.7	6.4			
FM (30°-60°)	634.1	36.3			
FH (60°-80°)	564.5	32.4			G0/660
FVH (80°-90°)	56.2	3.2			G1/100
BL (0°-30°)	94.2	5.4	B0/110		
BM (30°-60°)	189.1	10.8	B0/220		
BH (60°-80°)	87.2	5.0	B0/110		G0/110
BVH (80°-90°)	7.8	0.4			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 IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	216.3	216.8	216.8	216.6	216.6	217.0	216.8	216.6	215.9	216.8	216.8
5°	214.7	215.1	215.1	215.5	215.9	216.3	216.3	216.8	216.6	217.4	218.0
7.5°	216.8	217.2	218.0	219.1	219.7	221.2	221.2	222.2	222.6	223.2	223.0
10°	219.5	220.5	222.4	224.1	225.3	227.0	228.3	229.7	229.7	230.4	230.8
12.5°	224.3	225.3	227.4	229.5	231.4	233.5	235.4	236.8	238.3	238.7	239.6
15°	232.2	233.5	236.6	239.6	241.9	244.6	247.1	250.0	252.7	253.3	253.8
17.5°	244.1	246.7	249.0	254.2	257.5	261.1	265.1	269.2	270.1	274.5	275.5
20°	261.1	264.2	266.3	272.8	278.4	283.0	288.9	293.7	295.6	299.8	303.9
22.5°	290.3	289.7	292.9	299.3	303.5	312.7	317.7	322.7	325.3	331.5	334.9
25°	329.6	333.0	339.9	340.5	344.5	355.1	361.6	366.6	366.9	368.7	372.3
27.5°	368.3	382.1	393.0	398.8	409.5	419.3	418.9	426.0	414.9	417.2	420.6
30°	415.1	438.1	458.6	472.4	483.3	494.8	500.4	504.4	499.6	497.5	493.5
32.5°	459.0	491.2	522.8	547.2	567.5	586.5	599.1	604.7	611.4	628.4	634.4
35°	489.1	534.7	574.0	609.3	643.2	673.5	695.4	708.0	703.2	700.9	699.6
37.5°	507.1	562.7	611.8	661.8	700.7	746.0	780.1	813.1	820.7	807.5	801.0
40°	518.4	584.2	647.4	706.3	756.7	815.2	857.4	907.0	944.6	949.6	934.2
42.5°	523.8	598.7	672.2	738.9	807.1	878.8	932.3	992.3	1048.5	1087.2	1077.6
45°	524.7	608.1	690.4	768.4	849.5	934.6	1003.6	1070.0	1145.3	1211.5	1213.4
47.5°	524.7	615.2	703.0	789.7	887.6	983.1	1058.3	1136.9	1229.1	1307.5	1331.5
50°	525.1	620.0	714.7	806.4	916.6	1024.0	1109.1	1201.9	1298.9	1384.2	1430.6
52.5°	527.0	623.5	723.9	818.4	935.4	1052.9	1148.6	1255.7	1352.2	1439.8	1499.8
55°	531.2	628.6	730.6	825.7	948.0	1071.7	1177.3	1292.4	1386.7	1475.6	1559.4
57.5°	542.9	637.3	738.7	832.2	954.9	1084.0	1197.3	1308.3	1399.9	1492.5	1590.9
60°	566.3	655.9	752.7	845.1	966.4	1106.8	1207.0	1297.7	1390.3	1487.5	1598.0
62.5°	603.7	685.0	772.2	867.1	999.2	1142.2	1199.6	1265.9	1352.4	1458.4	1572.8
63°	616.6	691.3	776.6	871.9	1008.2	1148.6	1196.5	1256.5	1344.7	1449.2	1563.8
65°	652.8	719.1	797.5	896.1	1045.2	1155.1	1172.0	1207.6	1291.2	1396.8	1510.7
67.5°	720.3	786.6	842.4	937.1	1076.3	1129.6	1096.2	1100.6	1187.9	1297.3	1399.7
70°	763.0	842.0	871.0	942.3	1070.7	1091.8	997.9	939.8	1009.8	1134.4	1224.1
72.5°	751.9	842.6	839.5	872.7	957.8	977.4	880.2	788.7	830.3	923.3	981.4
75°	644.0	752.5	729.5	722.8	752.7	765.7	692.7	678.7	731.2	782.8	783.7
77.5°	463.6	583.0	556.0	517.4	515.3	545.2	555.0	646.7	724.3	765.1	747.1
80°	295.4	424.8	396.7	329.2	328.2	367.1	453.4	578.2	660.3	683.1	636.3
82.5°	154.3	278.0	288.7	247.1	282.8	347.2	431.4	465.9	497.1	500.2	445.0
85°	96.2	171.0	201.1	207.6	255.4	307.9	307.3	295.2	281.4	240.8	217.8
87.5°	10.9	21.5	32.6	30.9	41.6	58.3	72.7	42.6	29.9	10.9	15.1
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):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	217.2	217.4	217.6	217.6	218.6	218.4	218.6	219.1	219.7	220.1	220.5
5°	218.9	218.9	219.7	220.3	221.6	222.4	222.8	224.1	225.5	225.1	226.4
7.5°	224.3	224.1	224.9	225.3	226.4	227.8	227.6	228.7	229.9	230.4	231.4
10°	231.6	231.0	231.0	230.6	230.8	230.4	230.4	230.4	231.2	231.0	231.8
12.5°	239.1	238.9	238.5	237.3	237.3	235.6	234.7	233.7	233.5	232.0	232.2
15°	254.6	254.6	253.8	251.3	249.2	247.7	245.6	244.1	242.1	239.3	237.9
17.5°	277.2	274.3	273.2	272.8	269.4	268.2	263.6	258.8	256.5	252.7	250.6
20°	304.8	304.1	300.0	297.9	293.7	287.8	282.0	275.7	272.0	267.4	264.8
22.5°	335.9	331.3	329.2	326.1	319.6	312.9	304.1	295.8	289.9	286.8	284.9
25°	372.3	367.7	365.6	361.4	353.5	346.4	335.5	325.7	320.4	315.2	312.3
27.5°	420.6	416.2	413.7	402.8	400.1	388.4	375.0	361.6	354.7	347.0	342.0
30°	492.7	492.9	479.9	466.8	453.2	432.9	418.9	403.8	392.6	381.5	370.4
32.5°	614.6	583.4	559.4	531.2	501.7	480.1	462.8	444.8	429.1	413.0	394.7
35°	689.0	673.9	642.8	591.1	561.5	535.3	516.1	494.4	475.1	446.7	418.7
37.5°	773.0	738.1	700.3	671.6	638.0	607.7	575.5	550.8	517.6	479.3	439.6
40°	895.7	845.7	800.2	761.7	718.2	686.5	650.5	614.8	570.7	515.3	460.7
42.5°	1023.8	972.2	912.0	862.0	810.8	773.6	729.1	678.9	614.1	545.6	478.9
45°	1158.2	1089.3	1017.1	956.1	902.8	856.6	801.4	735.0	655.9	572.7	495.8
47.5°	1290.8	1211.5	1125.6	1060.0	990.6	934.2	866.4	782.4	688.6	598.5	512.8
50°	1407.6	1331.3	1227.9	1144.5	1074.2	1004.6	920.2	819.0	714.3	620.6	528.0
52.5°	1508.4	1442.7	1333.8	1228.5	1147.6	1069.4	963.4	848.5	740.2	641.1	540.6
55°	1582.4	1538.7	1438.3	1307.7	1212.2	1118.9	1000.0	876.9	764.6	657.4	548.7
57.5°	1638.2	1613.9	1527.8	1382.3	1271.5	1167.0	1037.8	911.0	788.9	671.4	552.5
60°	1668.7	1675.4	1595.5	1447.5	1324.0	1207.2	1075.7	940.0	806.9	679.6	550.4
62.5°	1665.8	1706.7	1646.3	1487.7	1354.5	1231.0	1101.2	953.6	804.4	666.6	531.4
63°	1660.1	1707.8	1652.0	1490.4	1356.4	1231.8	1101.8	951.7	799.1	660.3	523.8
65°	1611.4	1683.8	1647.2	1478.1	1339.7	1216.1	1088.6	924.5	762.3	626.7	485.2
67.5°	1481.0	1571.5	1561.1	1390.9	1260.5	1151.3	1021.3	837.0	671.4	543.9	411.2
70°	1265.5	1350.6	1352.4	1209.7	1100.8	993.7	885.7	681.0	532.2	421.6	306.6
72.5°	969.9	1024.7	1043.7	949.6	876.7	801.4	704.4	494.4	379.4	286.8	199.6
75°	751.1	736.0	735.8	696.1	666.4	629.6	523.0	333.6	249.2	186.5	122.1
77.5°	675.2	608.3	543.5	495.8	472.0	459.7	343.0	201.1	146.9	107.2	70.2
80°	556.9	458.2	370.2	318.8	298.3	312.5	191.3	108.7	80.5	61.0	45.6
82.5°	384.0	318.8	242.3	200.7	172.2	180.2	97.8	55.6	37.2	34.1	28.2
85°	200.0	175.4	148.0	127.1	112.3	98.7	50.8	26.5	15.5	13.6	12.3
87.5°	0.0	0.2	0.0	0.0	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	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	221.2	220.9	221.4	221.6	222.2	222.6	222.8	222.4	223.0	223.7	223.2
5°	227.0	228.5	228.7	229.3	229.3	230.6	230.6	230.6	230.4	230.6	230.1
7.5°	232.0	233.9	234.1	235.0	235.2	236.6	236.0	236.4	236.4	235.4	235.0
10°	232.7	234.5	235.6	236.6	238.1	240.0	240.0	241.0	241.0	240.2	240.0
12.5°	232.9	234.3	235.4	236.8	238.9	241.6	243.1	244.6	245.2	245.0	244.4
15°	237.3	237.3	237.5	238.7	240.2	243.5	245.6	247.3	248.3	247.9	246.9
17.5°	248.7	247.1	245.8	243.7	244.1	245.8	247.1	248.5	248.7	248.3	246.7
20°	262.1	260.0	256.9	253.6	251.9	250.6	249.8	249.8	249.2	247.1	244.4
22.5°	281.1	278.4	274.0	269.0	265.7	261.7	256.9	252.3	247.3	242.3	236.4
25°	307.5	303.7	299.1	291.4	284.3	275.9	266.1	255.9	243.9	233.5	224.9
27.5°	334.0	325.7	313.8	303.1	289.9	277.4	263.4	250.8	235.6	223.0	213.6
30°	356.0	340.1	323.0	306.0	288.7	271.7	255.0	240.0	223.2	210.5	201.3
32.5°	372.9	351.0	327.1	305.0	283.7	263.0	243.7	227.0	210.1	196.9	187.1
35°	388.6	358.1	327.8	300.4	274.0	252.5	230.8	212.6	194.6	180.8	170.2
37.5°	400.3	361.4	324.0	291.8	261.5	237.5	215.3	196.7	178.3	163.3	151.1
40°	407.8	359.3	315.8	279.5	246.7	221.4	198.8	179.6	161.8	145.3	130.6
42.5°	413.9	356.6	307.7	268.2	235.0	207.4	184.2	163.5	145.5	127.5	111.4
45°	422.9	358.7	304.1	260.2	224.5	195.4	169.9	148.4	129.6	112.0	96.6
47.5°	431.7	359.7	298.9	250.4	211.3	183.1	157.2	136.3	117.1	101.0	86.7
50°	439.6	359.1	290.8	237.9	198.6	170.8	145.7	124.8	105.8	90.9	77.6
52.5°	443.4	355.6	280.7	225.8	188.3	159.9	134.4	114.1	95.3	81.3	69.0
55°	442.9	346.4	267.6	214.3	177.1	148.4	123.3	103.3	86.3	73.4	62.7
57.5°	436.7	332.2	253.6	201.5	162.2	134.2	110.4	90.9	76.7	65.8	56.9
60°	423.5	314.0	235.2	182.9	143.6	116.6	94.3	77.6	66.1	57.7	51.8
62.5°	398.8	287.8	212.2	157.0	118.5	93.9	74.4	63.5	55.0	50.0	47.2
63°	391.5	280.7	202.3	150.7	112.7	88.6	70.2	58.9	52.7	48.3	45.8
65°	355.1	245.8	169.3	121.7	87.6	68.4	56.4	47.9	44.1	42.2	42.0
67.5°	287.6	193.4	119.8	83.4	59.6	49.3	43.3	39.7	38.0	37.6	38.0
70°	201.9	122.1	76.1	55.4	44.1	39.7	37.0	35.5	34.5	34.7	35.1
72.5°	128.8	73.2	52.3	42.0	37.2	34.9	33.7	33.2	33.0	32.8	32.8
75°	73.4	48.7	40.1	36.4	33.9	32.0	30.9	30.5	30.7	30.9	30.5
77.5°	48.5	40.1	35.7	33.2	30.9	28.8	28.2	28.0	28.4	28.8	28.8
80°	38.3	35.7	33.2	30.7	27.0	25.5	25.9	26.1	25.9	26.1	25.5
82.5°	27.0	26.5	27.2	26.1	22.4	21.1	20.7	20.9	20.5	20.5	20.1
85°	12.5	12.5	13.2	13.2	12.8	13.0	14.0	15.3	15.9	15.3	14.4
87.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.4	5.9	7.3	7.1
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-F01-LED-E1-SLL-8030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	222.6	223.0	222.8	222.6	223.0	222.6	222.8	222.6	222.6	222.4	222.4
5°	229.7	230.4	229.1	228.9	228.5	227.4	227.4	227.0	227.0	226.2	225.5
7.5°	234.3	234.5	233.5	233.3	232.2	231.2	230.4	229.5	229.3	228.7	227.4
10°	238.7	238.3	237.5	236.4	235.4	233.9	232.9	231.8	231.6	230.6	229.1
12.5°	242.5	242.3	240.6	239.6	237.9	236.4	235.2	233.9	233.3	232.0	229.9
15°	245.0	243.7	241.6	239.8	237.9	236.2	234.7	233.3	232.7	231.2	229.1
17.5°	243.9	241.6	238.9	236.6	234.1	232.0	230.8	229.3	228.3	227.4	224.5
20°	240.2	236.8	232.7	229.9	226.6	223.9	223.0	221.6	220.7	217.6	213.8
22.5°	230.4	225.5	220.3	216.3	212.6	209.9	207.8	206.3	204.2	202.3	196.5
25°	218.0	212.6	207.2	202.3	197.3	193.1	189.4	185.8	184.8	180.8	175.2
27.5°	206.1	200.0	194.6	189.0	182.5	177.3	170.8	165.8	162.4	158.2	153.0
30°	193.4	187.3	180.0	172.5	164.9	159.3	152.0	145.9	141.7	137.3	132.5
32.5°	177.3	169.9	161.2	152.8	145.9	139.2	131.9	126.0	121.9	117.9	113.3
35°	158.9	149.2	139.8	130.6	123.3	117.7	111.2	106.8	103.9	100.3	95.5
37.5°	137.8	126.9	116.8	109.7	103.3	97.8	93.2	90.5	87.4	85.5	82.6
40°	116.4	105.8	95.9	89.5	84.0	80.9	78.4	77.8	75.7	73.2	71.3
42.5°	97.6	87.4	77.8	72.5	69.0	68.1	66.9	66.9	65.8	64.0	62.7
45°	84.9	74.2	65.8	62.1	60.2	60.0	59.4	59.4	59.2	58.3	56.9
47.5°	75.7	66.1	59.6	57.3	56.9	56.4	55.8	55.6	55.4	54.8	53.9
50°	67.3	59.2	55.0	53.9	54.1	53.5	52.9	52.3	52.0	51.4	50.6
52.5°	59.6	53.7	51.0	50.4	50.4	50.4	50.0	50.0	49.5	49.3	48.5
55°	55.2	50.8	49.3	49.1	48.9	48.7	48.3	48.3	47.9	47.7	46.6
57.5°	51.4	48.7	47.9	47.5	47.2	46.8	46.6	46.6	46.6	46.6	45.4
60°	48.5	47.2	47.0	46.6	46.4	45.6	45.2	44.9	45.2	45.4	44.1
62.5°	45.4	45.2	44.9	44.5	44.3	43.5	42.9	42.4	42.9	43.3	43.1
63°	44.5	44.3	44.3	44.1	43.9	42.9	42.2	41.8	42.2	42.6	42.6
65°	41.6	41.8	41.8	41.6	41.4	40.8	39.9	39.5	39.7	40.3	40.6
67.5°	38.5	38.7	38.5	38.7	38.5	38.0	37.4	37.0	36.8	37.0	37.2
70°	35.5	36.0	35.7	35.5	35.3	35.3	34.9	34.3	34.1	33.9	33.9
72.5°	33.0	33.0	32.6	32.6	32.4	32.4	32.0	31.4	31.1	31.1	30.7
75°	30.3	30.3	29.7	29.7	29.3	29.5	29.1	28.4	28.2	28.2	28.0
77.5°	28.6	28.0	27.0	26.8	26.5	26.5	26.3	25.7	25.5	25.5	25.3
80°	25.3	24.0	23.0	22.8	23.0	23.4	23.4	23.0	23.0	23.0	23.0
82.5°	19.6	19.2	18.6	18.2	18.2	18.8	19.6	20.1	20.5	20.9	20.9
85°	14.4	14.6	14.4	13.8	13.6	14.2	15.1	15.9	16.1	16.9	16.7
87.5°	7.7	7.9	7.3	7.1	7.7	8.2	9.0	9.2	9.6	9.8	10.0
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):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3
2.5°	222.2	222.0	222.2	221.8	221.8	221.4	220.9	220.7	220.3	220.1	219.7
5°	226.0	225.3	224.7	224.5	223.7	222.8	222.2	221.2	220.3	218.9	218.4
7.5°	228.5	227.0	226.2	226.0	224.7	224.1	222.6	221.4	220.1	218.2	217.6
10°	229.5	228.1	226.6	226.0	224.5	223.5	222.0	220.1	219.1	217.2	216.8
12.5°	230.8	228.1	225.8	224.1	222.0	219.7	218.2	217.2	215.7	214.7	214.3
15°	228.5	224.9	221.4	218.2	214.9	212.4	210.9	209.2	207.6	206.9	206.9
17.5°	222.2	217.6	211.5	207.6	204.0	201.3	199.4	197.7	197.5	196.7	197.1
20°	209.2	203.2	197.3	194.4	192.3	190.6	188.8	187.9	187.3	186.0	185.6
22.5°	191.3	186.2	182.1	180.0	178.3	176.2	174.5	172.0	171.4	170.2	169.5
25°	171.4	167.4	163.9	162.4	161.4	158.4	157.4	154.1	151.8	150.3	151.1
27.5°	151.5	148.6	145.3	143.4	142.8	140.1	139.0	135.2	133.4	133.4	131.3
30°	131.1	128.3	126.3	124.2	123.7	120.4	117.7	116.2	114.1	113.3	111.8
32.5°	111.8	109.1	107.4	106.4	104.7	102.0	99.3	96.8	93.4	92.2	91.6
35°	94.1	92.0	89.9	89.0	86.7	83.8	80.5	78.4	74.4	73.0	72.3
37.5°	80.5	78.0	76.5	74.2	71.9	68.8	66.3	64.4	62.9	62.3	62.3
40°	69.6	67.7	66.1	64.2	62.3	60.6	59.4	58.9	58.7	58.7	59.2
42.5°	61.5	59.8	58.9	57.9	57.3	57.3	57.1	57.3	57.5	57.7	58.3
45°	56.0	55.0	54.6	54.3	54.8	55.2	55.4	55.8	56.6	57.1	57.3
47.5°	53.1	52.3	52.0	52.3	52.9	53.7	54.6	55.2	55.8	56.0	56.2
50°	50.2	49.1	48.7	49.1	50.0	51.2	51.8	52.9	53.3	53.7	53.3
52.5°	47.7	46.8	46.6	46.6	47.5	48.3	49.1	50.0	50.2	50.2	50.0
55°	45.6	44.9	44.3	44.7	45.4	46.2	47.5	48.1	48.5	48.7	48.7
57.5°	43.9	43.3	42.6	43.1	43.7	44.5	45.8	46.4	46.8	47.5	47.7
60°	42.6	41.8	41.2	41.8	42.4	43.7	44.7	45.4	46.4	46.6	46.6
62.5°	41.4	40.6	39.5	40.1	40.1	40.8	41.8	42.6	43.7	44.1	44.1
63°	41.2	40.3	39.3	39.7	39.7	40.1	41.0	41.8	43.1	43.5	43.3
65°	39.5	39.3	38.3	38.3	37.8	38.3	38.9	39.7	40.3	41.0	41.0
67.5°	36.8	36.6	36.4	36.4	36.4	36.8	37.2	37.8	38.5	38.9	38.7
70°	33.7	33.7	33.7	33.9	33.9	34.3	34.5	34.3	34.9	35.3	35.1
72.5°	30.9	30.7	30.5	30.9	30.7	30.7	31.1	30.9	31.6	31.6	31.8
75°	28.0	27.8	27.8	28.0	27.6	27.2	27.4	27.4	27.6	27.6	28.0
77.5°	25.5	25.5	25.5	25.3	24.9	24.7	24.5	24.5	24.5	24.5	24.7
80°	23.2	23.2	23.2	23.0	22.6	22.2	21.7	21.5	21.3	20.3	20.3
82.5°	20.9	20.9	20.9	20.9	20.7	20.3	19.6	18.0	17.1	16.3	16.5
85°	16.5	16.9	17.3	18.0	17.8	17.8	16.5	14.4	13.2	12.3	12.5
87.5°	10.7	9.4	9.4	9.2	8.8	8.4	8.4	7.1	5.9	5.2	5.4
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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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	219.3	0°
2.5°	219.7	219.3	218.9	218.9	218.2	218.2	217.8	218.6	217.8	217.2	217.2	2.5°
5°	218.0	217.6	216.3	216.1	215.3	215.3	215.3	214.9	214.9	214.5	214.3	5°
7.5°	217.0	215.9	214.9	214.3	214.3	213.8	214.7	214.3	214.5	214.5	214.7	7.5°
10°	216.1	215.3	214.9	214.7	214.7	215.3	215.9	216.1	215.9	216.1	216.1	10°
12.5°	214.0	214.5	214.7	215.5	216.6	217.8	219.3	219.5	219.9	219.9	220.3	12.5°
15°	207.4	208.4	209.7	211.7	214.5	217.2	219.9	222.2	224.3	225.3	226.2	15°
17.5°	198.0	199.0	201.3	203.6	207.2	211.1	215.7	219.7	224.1	228.1	232.0	17.5°
20°	185.2	186.9	187.5	191.7	195.9	201.3	206.7	213.0	220.5	228.1	235.8	20°
22.5°	168.7	170.6	173.5	176.8	181.2	187.9	194.4	204.2	214.3	224.9	237.0	22.5°
25°	150.3	152.4	154.9	158.4	162.8	169.9	179.3	189.8	202.1	216.1	231.2	25°
27.5°	131.3	133.4	135.5	138.0	143.0	150.5	161.6	172.5	186.0	201.3	218.9	27.5°
30°	112.3	112.5	113.7	116.8	122.1	131.9	140.1	153.6	167.9	183.9	204.2	30°
32.5°	91.3	91.1	92.6	95.3	100.3	109.7	119.8	132.9	146.9	167.2	188.1	32.5°
35°	72.7	72.7	75.5	78.2	83.8	90.5	99.3	111.0	127.5	146.3	167.2	35°
37.5°	62.9	64.4	66.1	68.8	73.2	78.4	86.1	96.4	109.3	127.3	146.5	37.5°
40°	59.8	60.6	62.1	64.6	68.4	73.2	78.8	86.5	96.6	111.0	128.6	40°
42.5°	58.5	58.7	59.6	61.5	64.8	69.6	75.5	82.4	89.9	100.1	115.4	42.5°
45°	57.3	57.1	57.5	58.9	61.7	67.1	73.8	81.3	88.8	97.4	110.0	45°
47.5°	56.2	56.2	56.2	56.9	59.4	64.8	72.5	81.3	90.3	99.9	112.3	47.5°
50°	53.3	53.1	53.1	53.5	55.4	61.2	70.4	81.1	92.8	105.4	119.4	50°
52.5°	50.0	50.0	50.2	50.4	52.0	57.9	68.1	81.1	95.7	112.5	130.0	52.5°
55°	48.9	49.1	49.3	49.1	50.4	55.4	65.6	79.9	97.0	118.1	141.5	55°
57.5°	48.1	48.5	48.5	48.3	49.1	53.3	63.1	77.3	95.9	120.2	149.7	57.5°
60°	46.8	46.8	46.8	46.2	46.6	50.4	59.4	73.4	92.6	118.3	150.9	60°
62.5°	44.1	44.1	43.7	43.5	43.3	46.2	54.3	67.5	86.5	113.3	147.8	62.5°
63°	43.5	43.3	43.3	42.6	42.6	45.4	53.3	66.7	84.9	112.0	146.5	63°
65°	41.2	41.2	41.2	40.8	40.6	42.6	49.1	60.8	78.4	106.2	140.3	65°
67.5°	38.7	38.9	38.5	38.3	38.0	39.3	44.3	53.5	68.4	93.9	128.6	67.5°
70°	35.1	35.3	35.3	35.1	34.9	35.7	38.9	46.0	56.6	78.2	109.5	70°
72.5°	32.0	32.4	32.4	32.8	32.8	33.4	34.7	38.3	45.4	61.0	86.1	72.5°
75°	28.6	28.8	29.3	29.7	29.3	29.1	29.3	32.0	35.5	45.2	61.5	75°
77.5°	25.7	26.3	26.3	26.1	25.5	25.1	25.1	26.3	29.3	34.3	43.9	77.5°
80°	21.3	22.4	22.6	21.9	21.3	21.3	21.7	22.6	24.5	28.2	33.2	80°
82.5°	17.1	18.2	18.4	18.6	18.4	19.0	19.0	19.2	20.3	23.2	27.2	82.5°
85°	13.2	14.0	14.6	14.8	15.1	15.3	15.1	14.0	14.6	16.5	18.4	85°
87.5°	5.9	6.1	5.6	5.9	5.6	5.9	6.1	5.0	4.8	6.5	6.7	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



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**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
219.3	219.3	219.3	219.3	219.3	219.3	219.3
217.0	217.0	217.2	216.8	216.8	217.0	216.3
213.6	214.5	214.5	214.5	214.0	214.5	214.7
214.5	215.1	215.5	215.5	215.3	216.1	216.8
215.5	216.6	217.0	217.0	217.0	218.0	219.5
219.5	220.3	220.9	220.9	221.4	222.6	224.3
226.8	227.8	227.8	227.6	228.9	230.4	232.2
235.0	237.9	239.3	239.1	240.2	242.1	244.1
242.7	250.8	254.4	256.9	257.9	260.5	261.1
249.2	262.8	272.6	280.9	284.9	287.4	290.3
246.9	265.3	282.8	300.0	312.1	324.4	329.6
237.5	260.5	283.4	308.5	330.5	352.4	368.3
226.0	253.6	284.5	320.0	354.7	388.4	415.1
212.8	247.1	286.8	330.7	376.3	420.4	459.0
196.3	234.7	281.1	331.7	385.5	439.0	489.1
175.4	218.0	268.0	324.2	385.9	447.1	507.1
154.5	196.9	251.3	313.3	380.4	449.0	518.4
139.8	178.1	234.3	299.5	371.7	446.1	523.8
129.8	164.5	219.3	287.0	362.3	440.8	524.7
129.0	158.7	209.5	277.8	354.7	436.2	524.7
136.1	161.8	206.1	273.2	351.6	434.8	525.1
149.5	174.3	212.2	276.8	354.1	436.7	527.0
165.6	193.4	228.5	289.1	364.8	442.9	531.2
180.2	215.3	256.3	312.9	384.2	458.8	542.9
188.8	234.1	285.7	346.4	417.4	490.4	566.3
189.8	244.6	311.9	382.7	457.8	526.6	603.7
189.0	245.4	315.2	389.6	466.4	535.5	616.6
184.4	245.6	324.6	413.9	496.0	573.4	652.8
172.7	238.9	328.0	432.9	533.4	623.1	720.3
152.4	219.9	318.1	433.3	547.9	650.9	763.0
122.5	183.7	275.7	394.2	509.8	623.5	751.9
89.7	135.0	208.4	305.4	416.0	519.0	644.0
59.6	87.4	140.5	217.6	298.3	373.5	463.6
41.0	54.1	82.1	130.9	182.5	219.1	295.4
30.1	35.7	45.6	66.9	87.8	108.1	154.3
18.8	20.5	22.8	33.0	47.2	63.8	96.2
5.0	5.2	4.8	6.5	10.2	9.8	10.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)