

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: P180418

Luminaire Tested: **ICS-E01-LED-E1-SL2-HSS**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P180418  
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: ICS-E01-LED-E1-SL2-HSS  
Description: ICON SITE SMALL LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (21) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

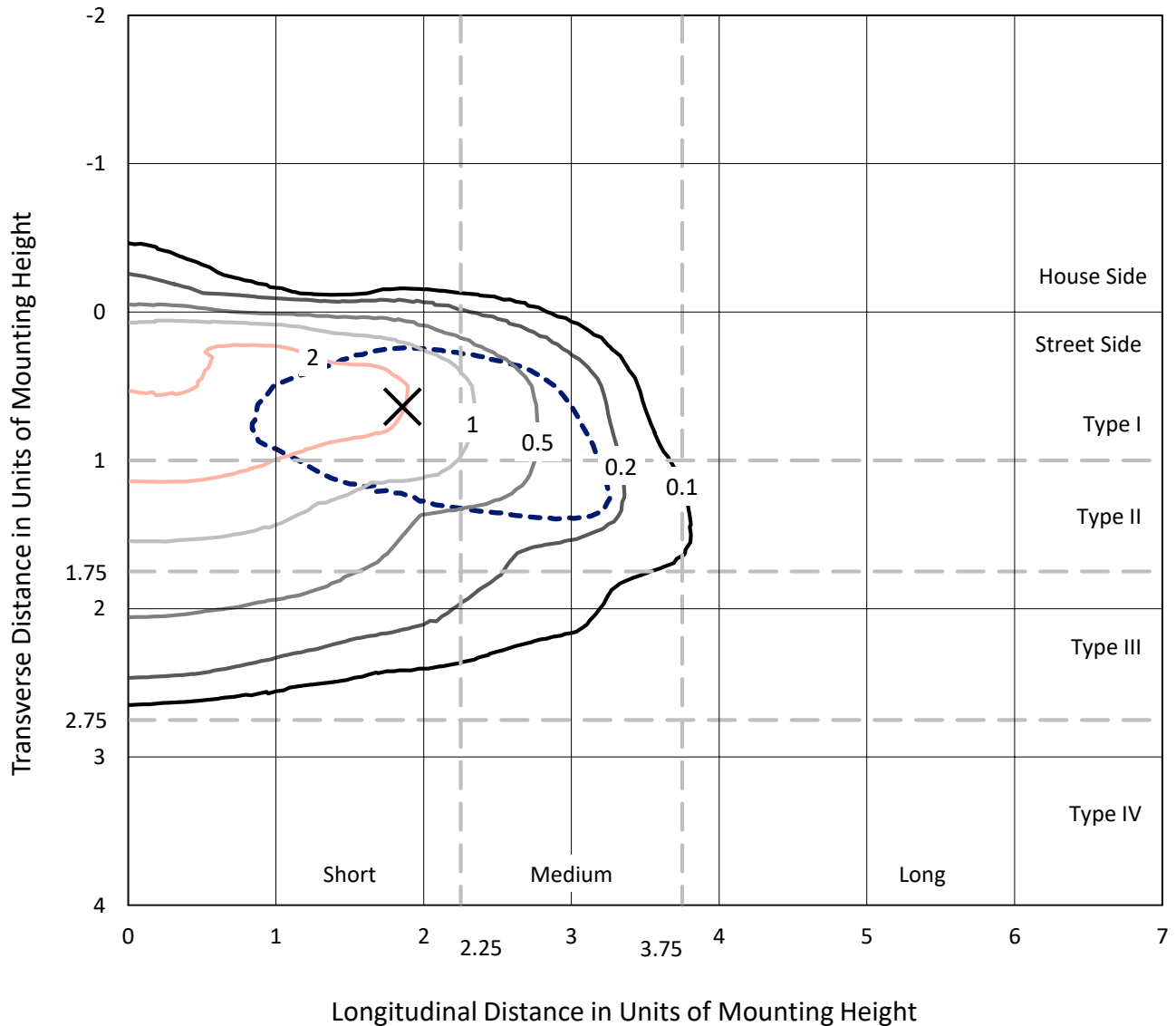
Lumens per Lamp: N/A  
Luminaire Lumens: 1650.3 lumens  
Efficiency: N/A  
Efficacy: 66.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1  
  
Input Watts (W): 24.7  
Input Voltage (V): NR  
Input Current (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

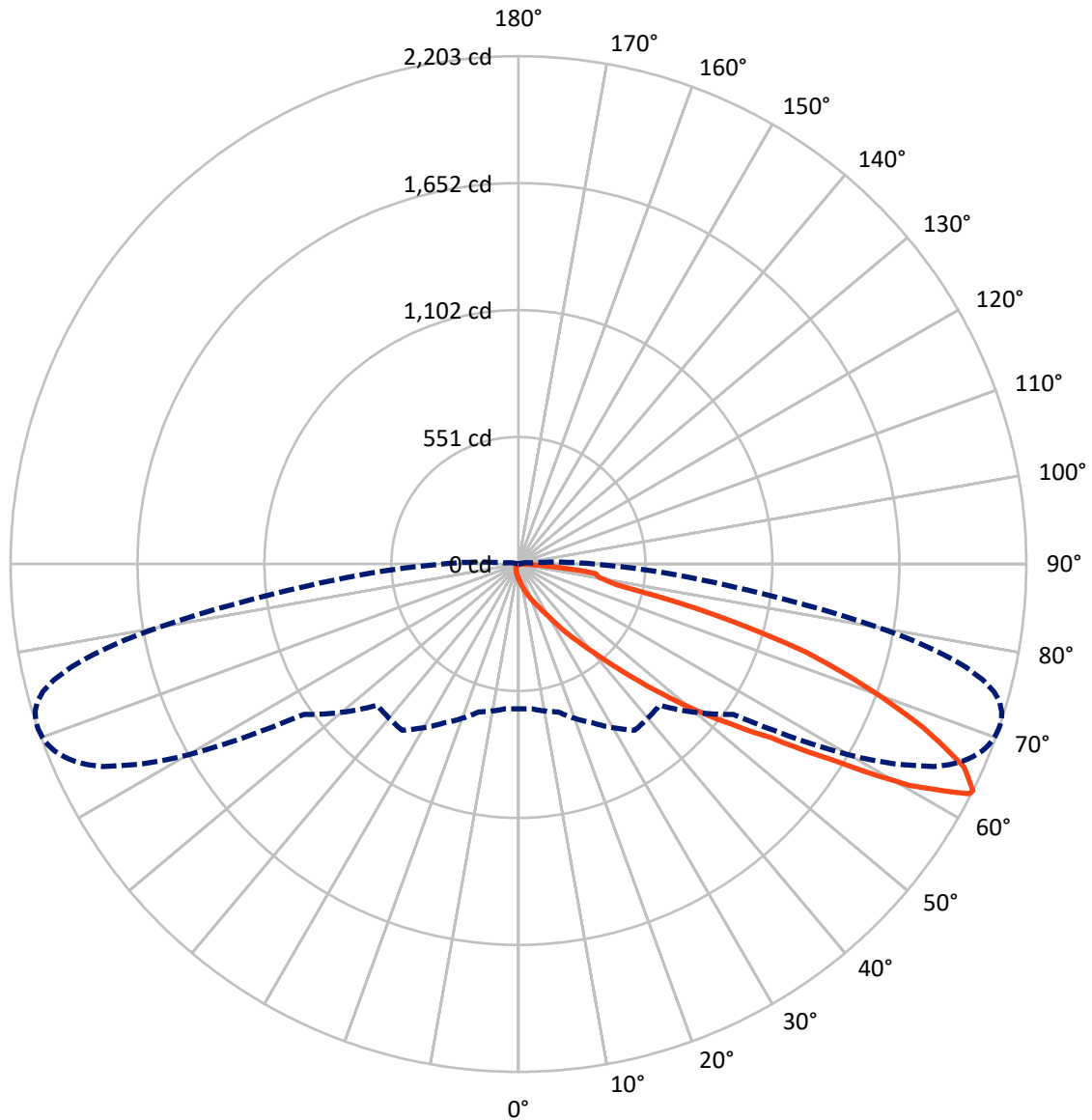
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.5 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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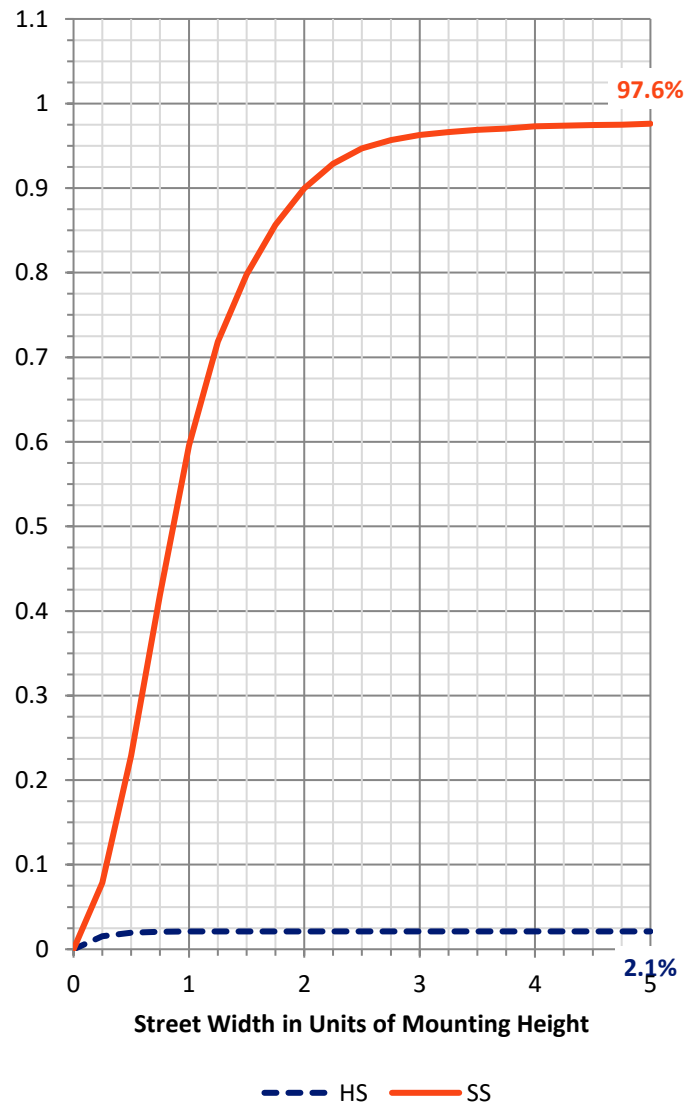
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	35.0	0.0	35.0
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	1615.2	0.0	1615.2
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	1650.3	0.0	1650.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.0	0.4
10°-20°	27.1	1.6
20°-30°	55.1	3.3
30°-40°	134.7	8.2
40°-50°	301.1	18.2
50°-60°	423.5	25.7
60°-70°	497.9	30.2
70°-80°	179.8	10.9
80°-90°	24.0	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°	1650.3	100.0
0°-180°	1650.3	100.0



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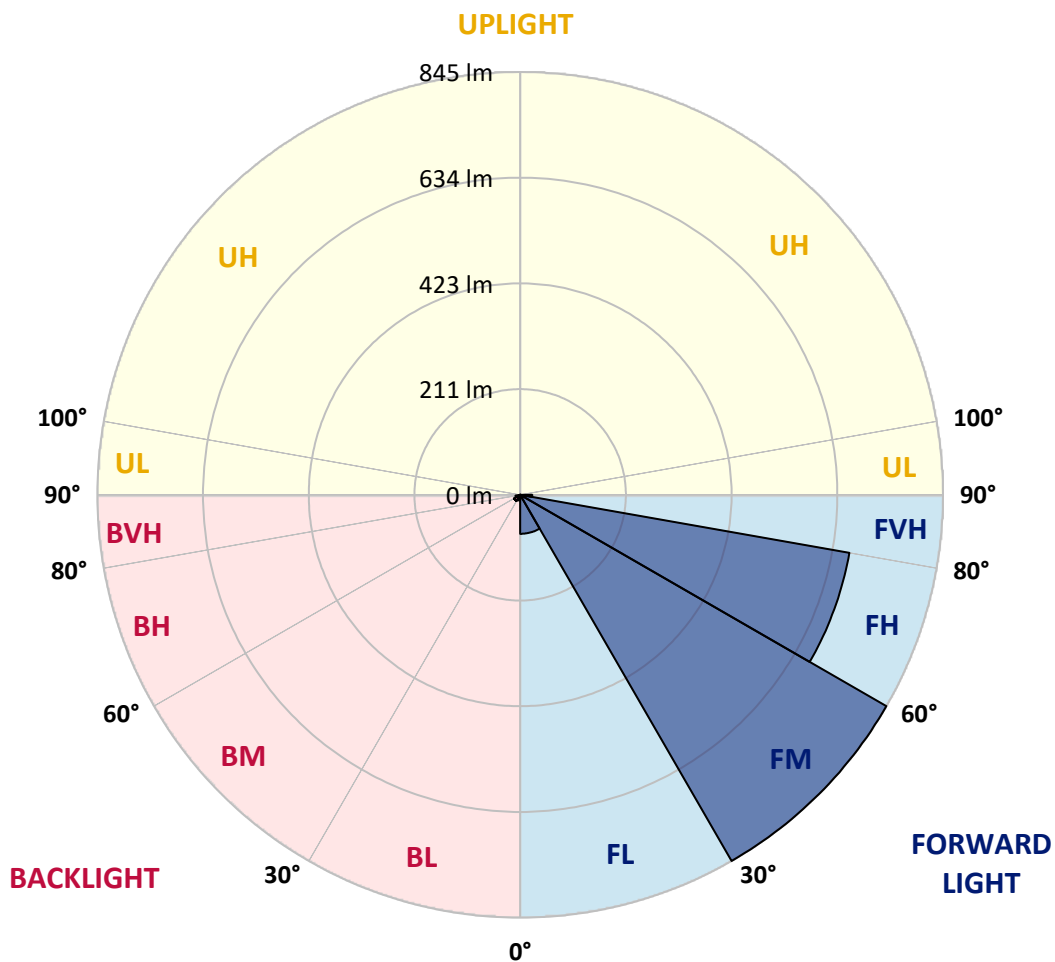
CATALOG NUMBER: ICS-E01-LED-E1-SL2-HSS

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	78.0	4.7			
FM (30°-60°)	845.1	51.2			
FH (60°-80°)	668.1	40.5			G1/1800
FVH (80°-90°)	24.0	1.5			G1/100
BL (0°-30°)	11.3	0.7	B0/110		
BM (30°-60°)	14.1	0.9	B0/220		
BH (60°-80°)	9.6	0.6	B0/110		G0/110
BVH (80°-90°)	0.1	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°	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
2.5°	82.8	83.7	83.1	81.6	79.8	77.4	75.3	75.3	75.0	74.1	74.4
5°	108.6	108.9	107.7	104.1	100.8	95.7	90.0	89.4	88.8	87.9	87.6
7.5°	133.8	135.0	133.8	129.9	123.3	115.5	106.5	105.6	103.8	103.8	102.6
10°	159.6	159.6	158.4	153.9	147.9	136.8	125.4	123.9	121.8	121.2	119.4
12.5°	177.9	177.9	177.3	174.9	170.1	160.2	146.4	144.9	142.2	141.3	139.2
15°	185.1	185.1	185.4	187.5	187.8	183.3	168.9	167.7	165.0	162.6	161.7
17.5°	189.6	189.3	189.3	192.3	197.7	200.7	191.4	190.2	187.2	186.0	183.0
20°	199.5	198.9	197.1	197.1	202.2	212.7	212.7	212.4	209.1	208.2	206.7
22.5°	214.2	213.6	208.2	203.7	206.1	219.3	231.6	231.0	229.8	228.6	227.7
25°	238.2	236.1	226.8	213.6	211.5	225.6	246.0	247.5	248.4	248.4	249.0
27.5°	274.5	271.8	255.3	230.7	221.4	235.8	261.9	264.9	267.6	268.2	270.9
30°	324.9	320.1	296.4	260.4	239.1	250.8	285.3	288.6	292.5	293.7	297.9
32.5°	407.7	405.0	382.2	328.2	282.6	280.2	318.0	322.2	327.3	329.4	334.5
35°	533.7	534.3	515.7	467.1	404.1	371.1	376.5	380.1	381.9	388.2	390.9
37.5°	619.2	620.7	624.9	605.7	560.7	527.1	484.8	488.7	479.4	480.3	480.6
40°	666.0	670.8	695.4	714.0	710.4	690.9	657.0	659.1	641.7	637.8	618.9
42.5°	697.2	703.5	742.8	800.4	829.8	847.5	839.7	838.8	825.3	820.2	804.3
45°	716.7	722.4	771.9	856.8	924.7	976.3	997.6	1000.0	988.6	983.5	970.3
47.5°	715.8	722.4	775.5	877.8	977.8	1060.3	1120.3	1123.3	1130.2	1125.7	1126.6
50°	676.2	682.5	735.9	842.1	962.2	1098.7	1208.5	1218.1	1229.2	1236.7	1240.3
52.5°	628.2	632.7	680.1	780.9	895.5	1082.8	1260.7	1277.2	1293.7	1307.8	1317.7
55°	610.5	615.6	652.8	736.5	842.1	1016.2	1285.0	1309.3	1332.7	1355.8	1374.7
57.5°	619.8	624.6	651.3	715.5	810.3	946.0	1291.9	1329.7	1368.1	1405.6	1442.8
60°	654.0	659.1	681.9	735.0	801.9	905.4	1264.9	1327.6	1391.5	1456.9	1518.4
62.5°	640.5	642.6	676.2	769.2	861.9	870.9	1166.8	1254.4	1351.9	1452.7	1552.0
63°	627.6	630.0	664.2	759.9	880.2	865.8	1136.5	1228.9	1331.8	1440.4	1548.4
65°	569.1	569.4	595.5	671.1	859.8	874.8	1001.5	1089.7	1207.9	1338.1	1474.6
67.5°	424.8	422.7	447.9	505.5	675.0	875.1	859.5	909.0	991.3	1106.8	1229.2
70°	150.6	147.3	188.1	267.9	420.6	715.8	738.6	741.9	764.7	827.1	903.9
72.5°	48.9	49.8	60.0	98.1	193.8	481.8	668.7	658.5	652.5	652.2	662.4
75°	19.5	19.8	24.0	43.5	87.0	232.2	585.6	591.3	593.4	596.4	599.7
77.5°	9.3	10.2	13.5	24.3	43.2	114.9	419.1	467.4	495.0	516.3	529.2
80°	3.3	3.9	7.5	15.0	20.1	52.8	220.8	266.4	306.9	359.1	404.1
82.5°	0.0	0.0	1.5	10.5	11.1	21.3	90.6	106.2	121.5	157.5	202.2
85°	0.0	0.0	0.0	3.0	3.3	3.6	30.6	36.9	41.4	48.3	55.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.8	4.5	6.9
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°	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
2.5°	73.8	73.5	73.5	72.9	72.6	72.0	71.7	70.8	70.5	70.5	70.5
5°	87.3	86.1	85.5	84.0	83.1	82.8	81.3	80.7	79.8	80.1	78.6
7.5°	102.3	100.2	99.3	97.2	96.6	94.5	93.9	92.4	91.5	89.7	89.1
10°	118.8	116.1	114.6	111.3	110.4	108.9	107.1	105.3	103.8	102.0	101.1
12.5°	137.7	135.3	134.1	129.6	127.5	125.4	123.0	120.6	118.2	116.7	114.6
15°	159.9	156.0	154.8	150.6	147.0	144.3	141.0	138.0	136.2	133.2	131.1
17.5°	181.8	177.9	177.0	170.7	166.8	165.0	161.4	157.5	154.2	151.2	147.9
20°	203.7	201.0	198.6	192.6	188.4	185.4	180.6	176.7	174.0	169.8	165.6
22.5°	225.6	222.9	221.1	214.8	210.9	206.7	202.5	198.3	194.4	189.3	184.5
25°	248.1	246.3	245.4	239.7	236.1	232.2	228.0	223.2	218.4	212.7	207.6
27.5°	271.5	272.1	270.3	269.1	265.2	262.5	255.9	252.6	249.0	242.1	235.8
30°	301.2	303.0	302.4	303.3	300.9	299.1	294.0	289.8	285.6	279.0	271.8
32.5°	338.7	341.1	342.3	345.6	344.4	343.8	342.3	336.3	333.3	321.9	318.9
35°	396.6	395.4	400.5	403.2	402.0	401.4	399.6	396.3	392.7	384.6	377.1
37.5°	471.9	473.1	474.9	469.5	465.9	465.6	460.2	456.9	451.8	442.8	433.8
40°	609.9	602.4	594.0	571.2	561.3	555.6	539.7	535.2	526.5	514.2	504.9
42.5°	789.3	781.8	756.6	718.5	698.1	669.9	657.0	641.1	628.8	608.7	597.9
45°	967.6	946.0	943.0	898.5	873.3	836.1	813.0	786.3	758.4	732.0	712.8
47.5°	1117.9	1113.1	1098.4	1071.4	1048.0	1016.8	987.1	946.0	917.1	879.6	845.1
50°	1238.2	1237.9	1232.5	1216.9	1197.4	1172.2	1146.1	1111.3	1078.6	1032.7	995.8
52.5°	1328.2	1333.0	1334.8	1330.0	1322.5	1300.3	1287.1	1258.0	1230.4	1191.4	1151.5
55°	1394.2	1411.9	1420.9	1431.1	1429.0	1421.2	1420.6	1401.7	1389.1	1358.2	1330.0
57.5°	1475.8	1504.9	1532.8	1582.3	1584.1	1601.5	1610.5	1619.5	1621.9	1609.6	1600.3
60°	1579.6	1639.0	1691.8	1795.3	1822.3	1864.9	1892.5	1922.5	1948.0	1950.1	1949.5
62.5°	1652.8	1744.3	1829.5	1983.1	2035.6	2084.8	2121.7	2150.8	2168.5	2186.5	2194.9
63°	1654.9	1755.1	1845.7	2004.1	2059.3	2106.1	2141.2	2168.2	2186.8	2197.6	2203.0
65°	1604.2	1725.7	1833.7	1991.5	2043.4	2090.5	2108.8	2126.5	2135.5	2139.7	2123.8
67.5°	1359.7	1478.5	1604.5	1780.9	1825.3	1881.7	1896.7	1905.7	1909.9	1909.0	1895.5
70°	1016.8	1116.4	1256.5	1458.1	1516.9	1572.1	1606.3	1621.0	1625.8	1624.3	1604.2
72.5°	709.8	768.3	883.8	1108.3	1188.4	1259.2	1301.5	1323.4	1327.9	1318.9	1300.3
75°	596.1	599.1	625.2	747.9	822.9	898.5	946.3	960.1	951.1	923.8	876.3
77.5°	532.2	538.8	538.8	557.1	571.8	592.8	597.3	563.7	524.7	474.3	433.5
80°	446.4	469.5	485.7	499.2	500.7	496.5	485.4	466.5	436.5	398.1	355.5
82.5°	271.2	316.8	335.4	405.0	439.2	462.3	460.5	435.3	412.5	372.6	336.3
85°	68.4	73.8	80.1	104.1	116.7	142.5	158.7	166.2	168.9	155.1	140.4
87.5°	6.6	4.5	7.5	5.7	8.1	6.0	8.1	7.5	9.3	9.9	10.8
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°	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
2.5°	69.9	69.6	69.3	69.0	68.7	68.4	67.8	67.8	67.2	66.9	66.6
5°	77.7	77.1	76.8	76.2	75.3	74.7	73.8	72.6	71.7	71.4	70.8
7.5°	87.6	86.1	85.5	84.6	83.4	81.6	80.4	79.5	78.0	77.1	75.3
10°	98.7	97.2	95.4	93.6	91.8	89.7	88.2	87.0	84.6	83.4	81.3
12.5°	112.8	110.1	108.0	105.6	103.2	100.8	99.0	95.4	93.3	90.6	88.8
15°	127.2	124.8	122.4	119.4	115.8	111.9	110.1	106.8	104.1	99.9	97.5
17.5°	144.6	140.1	136.5	132.9	129.6	126.0	122.4	117.3	113.4	109.8	105.0
20°	161.7	156.3	152.4	147.6	142.8	137.1	132.9	129.3	123.9	119.1	114.0
22.5°	180.0	174.6	168.3	163.5	156.9	152.4	146.7	140.7	135.3	129.0	122.7
25°	202.2	196.5	189.3	183.0	175.5	169.2	162.3	155.4	148.8	141.6	133.5
27.5°	229.5	223.5	215.7	208.2	198.3	190.5	183.9	174.6	166.2	157.2	147.9
30°	264.0	257.4	247.8	237.0	227.1	218.4	209.1	196.8	187.5	176.7	164.7
32.5°	309.0	301.2	288.3	278.1	265.8	254.4	241.5	229.2	216.0	201.9	188.1
35°	365.7	358.5	343.5	328.5	315.0	301.5	285.3	271.2	252.6	235.5	217.8
37.5°	424.5	411.6	397.8	381.6	364.8	348.6	328.8	309.3	288.0	269.4	247.2
40°	491.7	476.1	464.7	447.3	423.6	400.5	382.2	357.9	331.2	306.3	280.2
42.5°	583.8	566.4	546.0	519.6	502.5	475.5	451.8	423.0	387.9	360.0	328.5
45°	690.3	666.6	646.8	621.3	600.6	567.0	539.4	501.0	465.9	429.3	390.9
47.5°	811.8	782.4	753.6	728.4	695.4	662.4	627.3	586.5	541.5	501.3	455.7
50°	951.4	909.6	869.7	837.3	792.0	753.9	715.8	669.9	620.1	573.9	522.0
52.5°	1106.5	1058.2	1005.4	955.6	903.0	854.1	808.2	755.4	699.9	643.5	585.6
55°	1293.7	1257.4	1195.3	1132.0	1061.8	996.4	937.3	871.8	804.3	730.2	669.3
57.5°	1586.8	1569.1	1517.2	1453.9	1362.4	1282.9	1182.7	1102.6	1004.8	902.7	824.1
60°	1984.0	1962.1	1933.0	1881.7	1809.1	1701.1	1590.7	1466.2	1317.4	1176.1	1042.0
62.5°	2195.8	2188.0	2164.3	2128.9	2061.1	1975.9	1864.6	1727.8	1559.8	1388.2	1217.2
63°	2202.1	2192.2	2171.8	2135.8	2076.1	1993.6	1884.4	1751.5	1587.1	1412.2	1237.6
65°	2116.9	2113.0	2092.3	2053.0	2012.2	1949.2	1864.6	1750.3	1612.3	1447.0	1273.3
67.5°	1877.5	1865.8	1834.0	1822.0	1793.5	1749.7	1685.2	1606.6	1507.9	1378.0	1228.0
70°	1588.0	1570.6	1530.7	1509.4	1474.6	1447.0	1407.7	1351.6	1290.7	1200.1	1088.2
72.5°	1281.1	1245.1	1208.5	1153.0	1104.4	1055.2	1011.7	972.1	905.1	868.5	783.6
75°	831.9	766.5	703.8	619.8	544.2	477.3	412.2	379.2	310.5	282.6	242.7
77.5°	394.8	358.2	309.0	270.9	222.3	181.5	148.2	111.3	87.3	68.4	52.2
80°	318.6	287.7	258.0	223.5	186.9	149.1	114.3	85.5	60.6	42.0	29.7
82.5°	284.1	250.5	213.9	190.2	165.3	135.3	111.0	90.6	66.9	48.9	33.3
85°	110.4	93.0	71.7	58.5	45.6	37.5	33.9	23.4	18.3	14.4	11.1
87.5°	9.6	7.8	6.3	4.2	4.5	2.4	2.7	1.8	1.5	1.5	1.2
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
2.5°	66.3	66.0	65.7	65.1	65.1	64.5	64.2	63.9	62.4	59.1	56.4
5°	69.6	69.0	68.4	67.5	66.9	66.0	65.4	64.5	61.2	54.9	49.5
7.5°	74.4	73.2	72.3	70.5	69.6	68.4	67.5	66.0	60.6	51.0	43.5
10°	80.1	78.0	76.5	74.4	72.6	71.1	69.6	67.5	60.0	46.8	38.1
12.5°	87.0	84.6	81.6	79.2	76.8	74.7	72.6	69.9	59.1	43.2	33.9
15°	93.9	90.3	88.2	84.9	81.6	78.6	75.6	73.2	59.4	39.3	30.3
17.5°	101.7	98.1	93.6	90.0	86.4	82.5	78.9	74.1	57.9	36.3	27.6
20°	109.2	104.1	99.9	95.4	90.3	85.5	81.0	76.8	56.7	33.3	25.2
22.5°	117.3	111.3	105.9	100.2	93.9	88.5	83.1	77.7	54.6	30.6	23.1
25°	127.2	120.3	112.5	105.6	99.0	92.4	85.5	78.9	52.5	28.2	21.6
27.5°	139.2	130.2	122.4	113.7	104.4	96.0	88.5	81.3	50.4	26.4	20.1
30°	154.5	144.0	132.9	121.8	111.9	102.3	91.8	82.8	48.3	24.6	18.6
32.5°	174.9	161.7	148.2	135.3	122.1	109.8	98.7	87.0	47.1	23.1	17.1
35°	201.9	184.8	168.3	152.1	136.2	121.2	106.8	93.6	47.1	21.3	15.3
37.5°	227.4	207.6	186.6	166.5	147.6	130.2	113.1	97.2	44.7	19.8	13.8
40°	255.0	231.3	206.7	183.0	160.2	138.6	119.1	100.8	42.6	18.0	12.3
42.5°	297.3	267.3	235.2	207.6	180.3	153.6	129.3	107.7	39.9	16.2	10.8
45°	352.8	314.7	276.9	243.3	208.5	175.8	147.0	120.3	39.3	14.7	9.3
47.5°	412.2	367.2	322.8	279.9	239.1	201.0	166.5	134.4	39.3	13.2	8.1
50°	471.3	414.9	367.5	317.7	271.8	226.8	185.7	149.1	39.6	12.0	6.6
52.5°	524.7	464.4	411.3	353.7	303.0	250.8	206.1	163.5	39.0	10.5	5.4
55°	598.8	528.0	466.5	402.9	343.5	284.7	234.0	185.1	39.3	9.3	4.5
57.5°	735.3	652.2	578.1	494.7	426.3	350.4	288.9	229.5	42.9	7.8	3.3
60°	931.3	823.2	719.1	617.4	530.4	440.1	360.3	290.4	50.4	6.3	2.4
62.5°	1063.0	921.7	797.4	685.2	584.1	489.6	402.6	323.1	55.5	5.1	1.5
63°	1076.5	930.4	805.5	689.7	586.5	492.0	404.4	325.5	55.8	4.8	1.5
65°	1102.0	945.4	810.0	690.6	584.1	488.7	403.2	325.2	56.4	3.9	1.2
67.5°	1072.9	922.3	783.9	664.8	563.1	469.2	388.2	313.2	56.1	2.7	0.9
70°	959.5	834.6	713.1	602.1	509.7	424.8	353.4	285.6	51.6	1.8	0.6
72.5°	704.4	619.5	525.3	445.2	384.0	318.9	272.1	214.5	39.9	1.2	0.3
75°	208.8	190.2	159.9	141.0	124.5	102.9	91.5	71.4	20.4	0.6	0.0
77.5°	41.7	37.8	33.9	30.9	29.1	24.9	23.7	19.5	8.4	0.3	0.0
80°	21.9	18.0	15.3	13.5	11.7	9.6	8.1	6.6	1.5	0.0	0.0
82.5°	21.0	14.1	10.2	8.4	7.2	5.7	4.5	3.3	0.9	0.0	0.0
85°	7.8	6.0	4.5	3.6	3.0	2.7	2.1	1.8	0.0	0.0	0.0
87.5°	1.2	0.9	0.9	0.6	0.6	0.3	0.3	0.3	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



REPORT NUMBER: P180418

CATALOG NUMBER: ICS-E01-LED-E1-SL2-HSS

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	63.3	63.3	63.3	63.3	63.3	63.3	63.3
2.5°	53.7	51.3	50.1	48.6	48.6	48.3	48.9
5°	44.7	41.4	39.0	37.2	37.5	36.6	36.9
7.5°	37.8	34.5	32.4	31.2	30.9	30.6	30.6
10°	32.7	29.7	27.9	27.0	26.7	26.7	26.7
12.5°	29.1	26.1	24.6	24.0	24.0	23.7	23.7
15°	26.1	23.7	22.2	21.6	21.6	21.3	21.6
17.5°	23.7	21.3	20.1	19.5	19.5	19.2	19.2
20°	21.6	19.5	18.3	17.4	17.4	17.1	17.4
22.5°	19.8	17.7	16.2	15.6	15.3	15.0	15.3
25°	18.0	15.9	14.4	13.5	13.2	13.2	12.9
27.5°	16.5	14.4	12.6	11.7	11.4	11.4	11.1
30°	15.0	12.6	10.8	9.9	9.6	9.6	9.6
32.5°	13.5	10.8	9.3	8.4	8.1	8.1	8.1
35°	12.0	9.3	7.8	6.9	6.6	6.6	6.6
37.5°	10.2	7.8	6.0	5.4	5.1	4.8	4.8
40°	8.7	6.0	4.5	3.9	3.3	3.3	3.3
42.5°	7.2	4.8	3.3	2.4	2.1	1.8	2.1
45°	6.0	3.6	2.1	1.2	0.9	0.9	0.9
47.5°	4.8	2.4	0.9	0.3	0.3	0.3	0.3
50°	3.6	1.5	0.3	0.0	0.0	0.3	0.3
52.5°	2.7	0.9	0.0	0.0	0.0	0.0	0.0
55°	1.5	0.3	0.0	0.0	0.0	0.0	0.0
57.5°	0.9	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	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)