

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: P181017

Luminaire Tested: **ICS-E01-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181017
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-E01-LED-E1-SLL-7030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2287.3 lumens
Efficiency: N/A
Efficacy: 92.6 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: B1 - 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



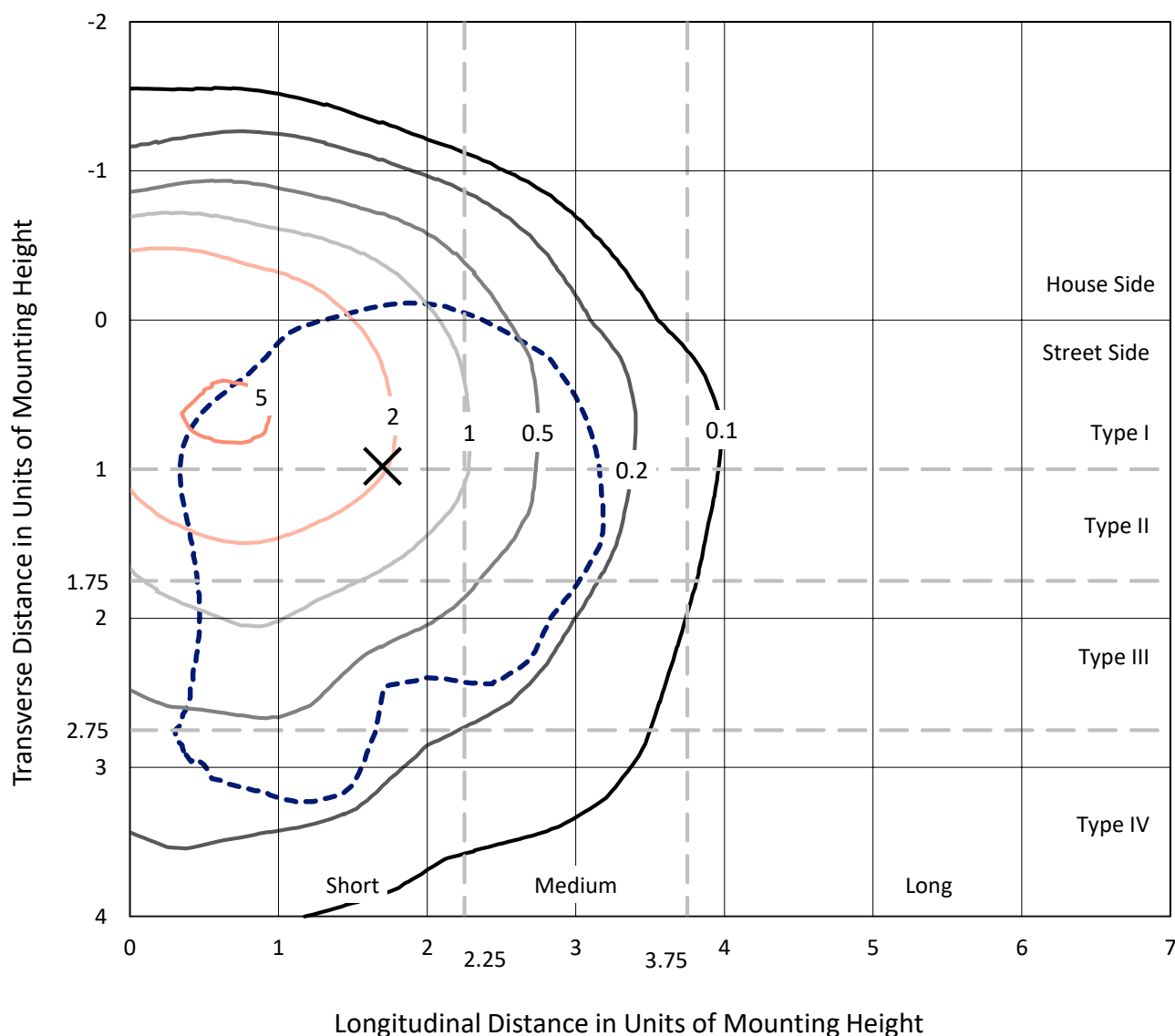
REPORT NUMBER: P181017

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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

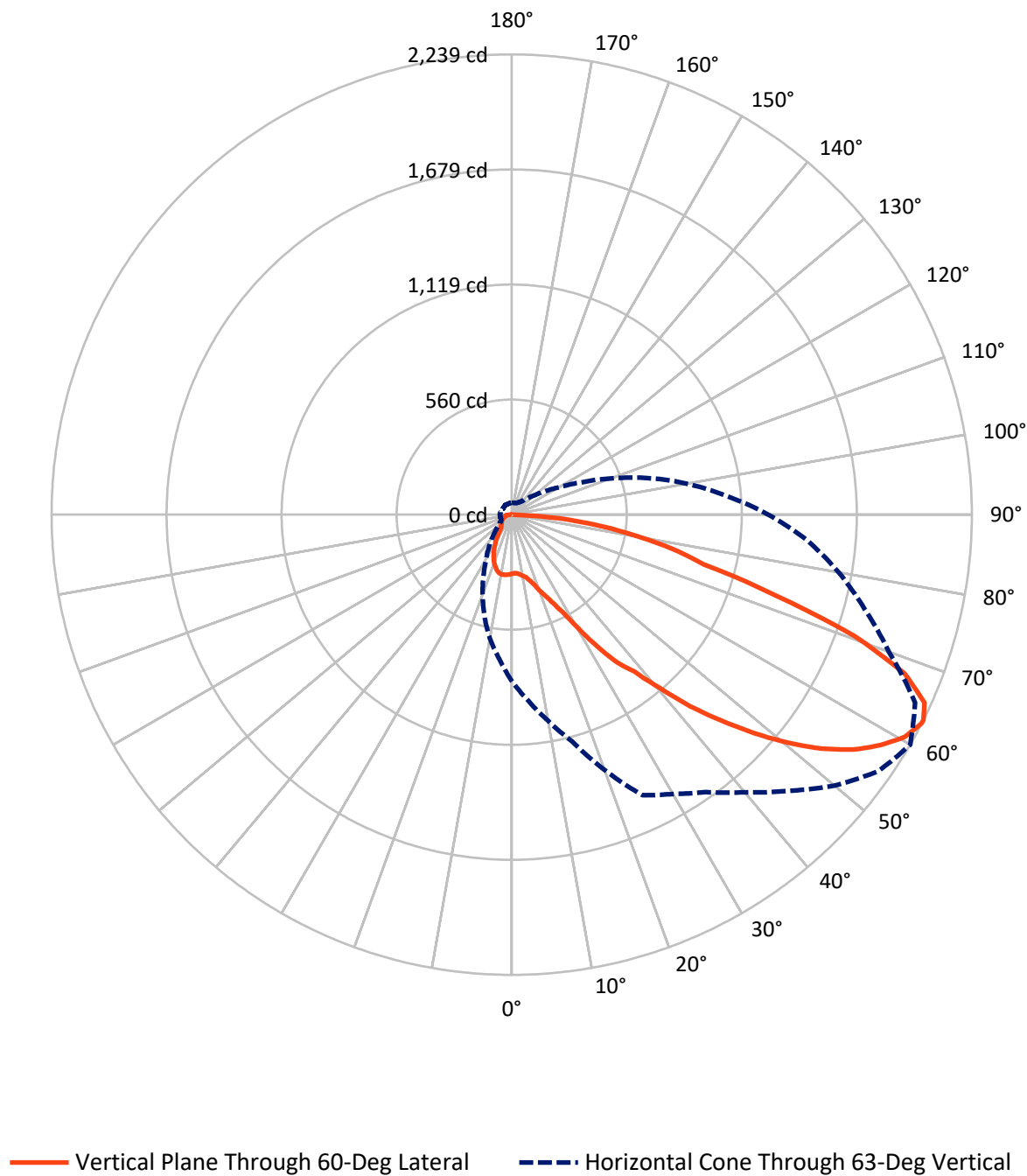


Based on 10 foot mounting height. Maximum calculated value = 5.7 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	496.0	0.0	496.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1791.3	0.0	1791.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	2287.3	0.0	2287.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	1.2
10°-20°	87.1	3.8
20°-30°	154.8	6.8
30°-40°	243.8	10.7
40°-50°	358.8	15.7
50°-60°	476.6	20.8
60°-70°	525.0	23.0
70°-80°	329.4	14.4
80°-90°	83.9	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°	2287.3	100.0
0°-180°	2287.3	100.0

Coefficient of Utilization



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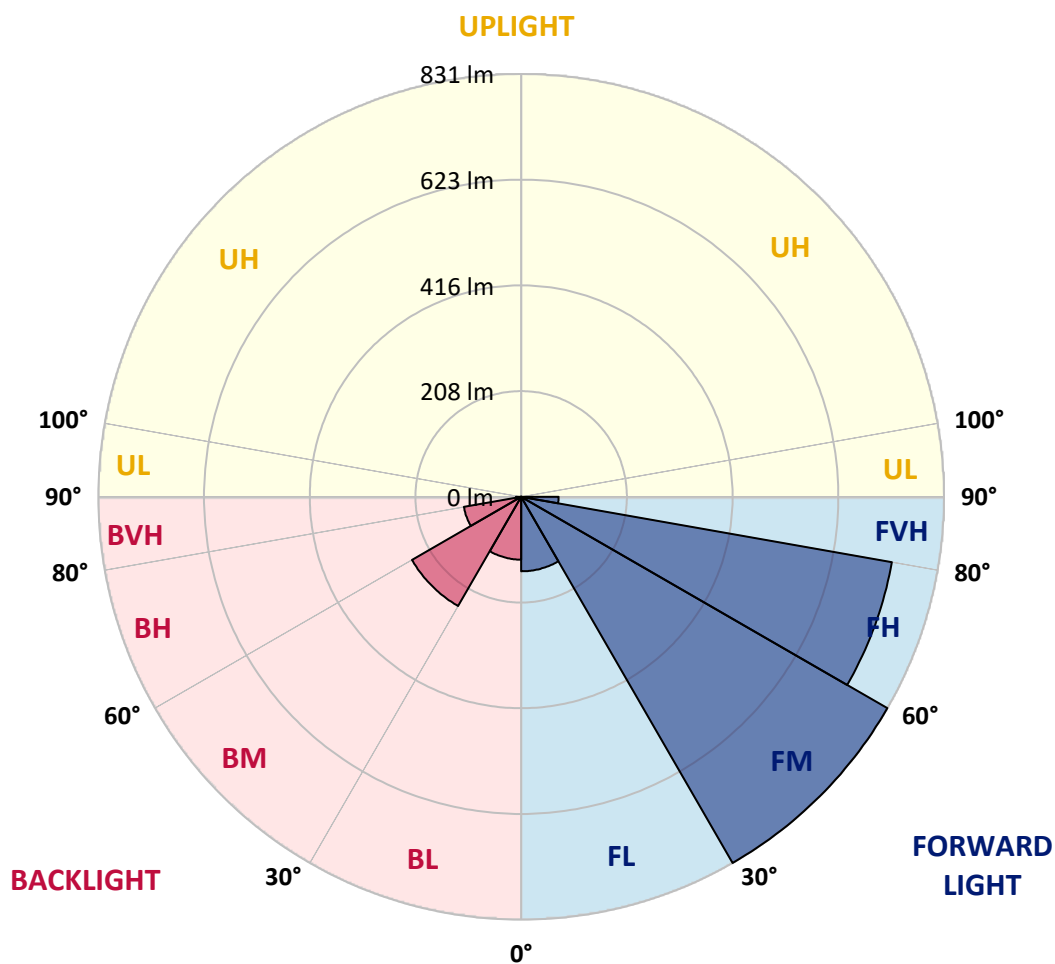
CATALOG NUMBER: ICS-E01-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	146.5	6.4			
FM	(30°-60°)	831.3	36.3			
FH	(60°-80°)	740.0	32.4			G1/1800
FVH	(80°-90°)	73.6	3.2			G1/100
BL	(0°-30°)	123.5	5.4	B1/500		
BM	(30°-60°)	247.9	10.8	B1/1000		
BH	(60°-80°)	114.3	5.0	B1/500		G1/500
BVH	(80°-90°)	10.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	283.6	284.2	284.2	283.9	283.9	284.4	284.2	283.9	283.1	284.2	284.2
5°	281.4	282.0	282.0	282.5	283.1	283.6	283.6	284.2	283.9	285.0	285.8
7.5°	284.2	284.7	285.8	287.2	288.0	289.9	289.9	291.3	291.8	292.7	292.4
10°	287.7	289.1	291.6	293.7	295.4	297.6	299.2	301.1	301.1	302.0	302.5
12.5°	294.0	295.4	298.1	300.9	303.3	306.1	308.5	310.5	312.4	312.9	314.0
15°	304.4	306.1	310.2	314.0	317.0	320.6	323.9	327.7	331.3	332.1	332.7
17.5°	320.1	323.3	326.4	333.2	337.6	342.3	347.5	352.9	354.0	359.8	361.2
20°	342.3	346.4	349.1	357.6	365.0	371.0	378.7	385.0	387.5	392.9	398.4
22.5°	380.6	379.8	383.9	392.4	397.9	409.9	416.5	423.1	426.4	434.6	439.0
25°	432.1	436.5	445.6	446.4	451.6	465.6	474.1	480.6	480.9	483.4	488.0
27.5°	482.8	500.9	515.2	522.8	536.8	549.7	549.1	558.5	543.9	546.9	551.3
30°	544.2	574.3	601.2	619.3	633.5	648.6	656.0	661.2	654.9	652.2	647.0
32.5°	601.7	643.9	685.3	717.4	744.0	768.9	785.3	792.7	801.5	823.7	831.7
35°	641.2	700.9	752.5	798.8	843.2	882.9	911.7	928.1	921.8	918.8	917.1
37.5°	664.8	737.7	802.1	867.5	918.5	978.0	1022.6	1065.9	1075.8	1058.5	1050.0
40°	679.6	765.9	848.6	925.9	992.0	1068.7	1124.0	1189.0	1238.3	1244.9	1224.6
42.5°	686.7	784.8	881.2	968.7	1058.0	1152.0	1222.1	1300.8	1374.5	1425.2	1412.6
45°	687.8	797.1	905.1	1007.3	1113.6	1225.1	1315.6	1402.7	1501.4	1588.2	1590.7
47.5°	687.8	806.4	921.5	1035.2	1163.5	1288.7	1387.4	1490.4	1611.2	1714.0	1745.5
50°	688.3	812.7	936.9	1057.2	1201.6	1342.4	1454.0	1575.6	1702.8	1814.6	1875.4
52.5°	690.8	817.4	948.9	1072.8	1226.2	1380.2	1505.7	1646.0	1772.6	1887.4	1966.1
55°	696.3	824.0	957.7	1082.4	1242.7	1404.9	1543.3	1694.3	1817.8	1934.3	2044.2
57.5°	711.6	835.5	968.4	1090.9	1251.7	1421.1	1569.6	1715.1	1835.1	1956.5	2085.6
60°	742.3	859.9	986.7	1107.9	1266.8	1450.9	1582.2	1701.1	1822.5	1949.9	2094.9
62.5°	791.4	898.0	1012.2	1136.6	1309.8	1497.2	1572.6	1659.5	1772.9	1911.8	2061.7
63°	808.4	906.2	1018.0	1142.9	1321.6	1505.7	1568.5	1647.1	1762.8	1899.8	2049.9
65°	855.8	942.6	1045.4	1174.7	1370.1	1514.2	1536.4	1583.0	1692.6	1831.0	1980.3
67.5°	944.3	1031.1	1104.3	1228.4	1410.9	1480.8	1437.0	1442.7	1557.3	1700.6	1834.8
70°	1000.2	1103.8	1141.8	1235.3	1403.5	1431.2	1308.2	1232.0	1323.8	1487.1	1604.7
72.5°	985.6	1104.6	1100.5	1144.0	1255.6	1281.3	1153.9	1033.9	1088.4	1210.3	1286.5
75°	844.3	986.5	956.3	947.6	986.7	1003.7	908.1	889.7	958.5	1026.2	1027.3
77.5°	607.8	764.2	728.9	678.2	675.5	714.6	727.5	847.8	949.5	1002.9	979.3
80°	387.2	556.8	520.1	431.6	430.2	481.2	594.3	757.9	865.6	895.5	834.1
82.5°	202.2	364.4	378.4	323.9	370.7	455.1	565.6	610.8	651.6	655.7	583.4
85°	126.0	224.1	263.6	272.1	334.9	403.6	402.8	386.9	368.8	315.7	285.5
87.5°	14.2	28.2	42.7	40.6	54.5	76.5	95.4	55.9	39.2	14.2	19.7
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-SLL-7030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	284.7	285.0	285.3	285.3	286.6	286.4	286.6	287.2	288.0	288.5	289.1
5°	286.9	286.9	288.0	288.8	290.5	291.6	292.1	293.7	295.7	295.1	296.8
7.5°	294.0	293.7	294.8	295.4	296.8	298.7	298.4	299.8	301.4	302.0	303.3
10°	303.6	302.8	302.8	302.2	302.5	302.0	302.0	302.0	303.1	302.8	303.9
12.5°	313.5	313.2	312.7	311.0	311.0	308.8	307.7	306.4	306.1	304.2	304.4
15°	333.8	333.8	332.7	329.4	326.6	324.7	322.0	320.1	317.3	313.8	311.8
17.5°	363.4	359.5	358.1	357.6	353.2	351.6	345.5	339.2	336.2	331.3	328.5
20°	399.5	398.7	393.2	390.5	385.0	377.3	369.7	361.4	356.5	350.5	347.2
22.5°	440.4	434.3	431.6	427.5	419.0	410.2	398.7	387.7	380.1	376.0	373.5
25°	488.0	482.0	479.3	473.8	463.4	454.1	439.8	426.9	420.1	413.2	409.4
27.5°	551.3	545.6	542.3	528.0	524.5	509.1	491.6	474.1	465.0	454.9	448.3
30°	645.9	646.1	629.1	611.9	594.1	567.5	549.1	529.4	514.6	500.1	485.6
32.5°	805.6	764.8	733.3	696.3	657.6	629.4	606.7	583.1	562.6	541.5	517.3
35°	903.2	883.4	842.6	774.9	736.0	701.8	676.6	648.1	622.8	585.6	548.9
37.5°	1013.3	967.6	918.0	880.4	836.3	796.6	754.4	722.0	678.5	628.3	576.3
40°	1174.2	1108.7	1048.9	998.5	941.5	899.9	852.8	805.9	748.1	675.5	603.9
42.5°	1342.1	1274.5	1195.5	1130.1	1062.9	1014.1	955.8	890.0	805.1	715.2	627.8
45°	1518.3	1427.9	1333.4	1253.4	1183.5	1122.9	1050.6	963.5	859.9	750.8	650.0
47.5°	1692.1	1588.2	1475.6	1389.6	1298.6	1224.6	1135.8	1025.7	902.6	784.5	672.2
50°	1845.3	1745.2	1609.6	1500.3	1408.2	1316.9	1206.2	1073.6	936.3	813.6	692.2
52.5°	1977.3	1891.3	1748.5	1610.4	1504.4	1401.9	1263.0	1112.2	970.3	840.4	708.6
55°	2074.3	2017.1	1885.5	1714.3	1589.0	1466.8	1310.9	1149.5	1002.4	861.8	719.3
57.5°	2147.5	2115.7	2002.8	1812.1	1666.9	1529.9	1360.5	1194.2	1034.2	880.2	724.2
60°	2187.5	2196.3	2091.6	1897.6	1735.6	1582.5	1410.1	1232.3	1057.7	890.8	721.5
62.5°	2183.7	2237.4	2158.2	1950.2	1775.6	1613.7	1443.5	1250.1	1054.4	873.8	696.6
63°	2176.3	2238.7	2165.6	1953.8	1778.1	1614.8	1444.4	1247.6	1047.6	865.6	686.7
65°	2112.4	2207.2	2159.3	1937.6	1756.2	1594.2	1427.1	1212.0	999.4	821.5	636.0
67.5°	1941.4	2060.1	2046.4	1823.3	1652.3	1509.3	1338.9	1097.2	880.2	713.0	539.0
70°	1658.9	1770.4	1772.9	1585.8	1443.0	1302.7	1161.0	892.8	697.7	552.7	402.0
72.5°	1271.5	1343.2	1368.2	1244.9	1149.2	1050.6	923.4	648.1	497.3	376.0	261.7
75°	984.6	964.8	964.6	912.5	873.6	825.3	685.6	437.3	326.6	244.4	160.0
77.5°	885.1	797.4	712.5	650.0	618.7	602.6	449.7	263.6	192.6	140.6	92.1
80°	730.0	600.7	485.3	417.9	391.0	409.7	250.7	142.5	105.5	80.0	59.7
82.5°	503.4	417.9	317.6	263.1	225.8	236.2	128.2	72.9	48.8	44.7	37.0
85°	262.2	229.9	194.0	166.6	147.1	129.3	66.6	34.8	20.3	17.8	16.2
87.5°	0.0	0.3	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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CATALOG NUMBER: ICS-E01-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	289.9	289.6	290.2	290.5	291.3	291.8	292.1	291.6	292.4	293.2	292.7
5°	297.6	299.5	299.8	300.6	300.6	302.2	302.2	302.2	302.0	302.2	301.7
7.5°	304.2	306.6	306.9	308.0	308.3	310.2	309.4	309.9	309.9	308.5	308.0
10°	305.0	307.5	308.8	310.2	312.1	314.6	314.6	315.9	315.9	314.8	314.6
12.5°	305.3	307.2	308.5	310.5	313.2	316.8	318.7	320.6	321.4	321.2	320.3
15°	311.0	311.0	311.3	312.9	314.8	319.2	322.0	324.2	325.5	325.0	323.6
17.5°	326.1	323.9	322.2	319.5	320.1	322.2	323.9	325.8	326.1	325.5	323.3
20°	343.6	340.9	336.8	332.4	330.2	328.5	327.5	327.5	326.6	323.9	320.3
22.5°	368.6	365.0	359.2	352.7	348.3	343.1	336.8	330.7	324.2	317.6	309.9
25°	403.1	398.2	392.1	382.0	372.7	361.7	348.8	335.4	319.8	306.1	294.8
27.5°	437.9	426.9	411.3	397.3	380.1	363.6	345.3	328.8	308.8	292.4	280.0
30°	466.7	445.8	423.4	401.2	378.4	356.2	334.3	314.6	292.7	275.9	263.9
32.5°	488.9	460.1	428.8	399.8	371.8	344.7	319.5	297.6	275.4	258.1	245.2
35°	509.4	469.4	429.7	393.8	359.2	331.0	302.5	278.7	255.1	237.0	223.1
37.5°	524.7	473.8	424.7	382.5	342.8	311.3	282.2	257.9	233.7	214.0	198.1
40°	534.6	471.0	414.0	366.4	323.3	290.2	260.6	235.4	212.1	190.4	171.3
42.5°	542.6	467.5	403.4	351.6	308.0	271.8	241.4	214.3	190.7	167.2	146.1
45°	554.3	470.2	398.7	341.2	294.3	256.2	222.8	194.6	169.9	146.9	126.6
47.5°	565.9	471.6	391.8	328.3	277.0	240.0	206.1	178.7	153.5	132.4	113.7
50°	576.3	470.8	381.2	311.8	260.3	223.9	191.0	163.6	138.7	119.2	101.7
52.5°	581.2	466.1	368.0	295.9	246.9	209.6	176.2	149.6	125.0	106.6	90.4
55°	580.6	454.1	350.7	280.9	232.1	194.6	161.7	135.4	113.2	96.2	82.2
57.5°	572.4	435.4	332.4	264.2	212.6	175.9	144.7	119.2	100.6	86.3	74.5
60°	555.2	411.6	308.3	239.8	188.3	152.9	123.6	101.7	86.6	75.6	68.0
62.5°	522.8	377.3	278.1	205.8	155.4	123.0	97.6	83.3	72.1	65.5	61.9
63°	513.2	368.0	265.3	197.6	147.7	116.2	92.1	77.3	69.1	63.3	60.0
65°	465.6	322.2	222.0	159.5	114.8	89.6	74.0	62.8	57.8	55.4	55.1
67.5°	377.1	253.5	157.0	109.3	78.1	64.7	56.7	52.1	49.9	49.3	49.9
70°	264.7	160.0	99.7	72.6	57.8	52.1	48.5	46.6	45.2	45.5	46.0
72.5°	168.8	95.9	68.5	55.1	48.8	45.8	44.1	43.6	43.3	43.0	43.0
75°	96.2	63.8	52.6	47.7	44.4	41.9	40.6	40.0	40.3	40.6	40.0
77.5°	63.6	52.6	46.9	43.6	40.6	37.8	37.0	36.7	37.3	37.8	37.8
80°	50.1	46.9	43.6	40.3	35.3	33.4	34.0	34.3	34.0	34.3	33.4
82.5°	35.3	34.8	35.6	34.3	29.3	27.7	27.1	27.4	26.9	26.9	26.3
85°	16.4	16.4	17.3	17.3	16.7	17.0	18.4	20.0	20.8	20.0	18.9
87.5°	0.0	0.0	0.0	0.0	0.0	2.5	4.9	7.1	7.7	9.6	9.3
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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CATALOG NUMBER: ICS-E01-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	291.8	292.4	292.1	291.8	292.4	291.8	292.1	291.8	291.8	291.6	291.6
5°	301.1	302.0	300.3	300.1	299.5	298.1	298.1	297.6	297.6	296.5	295.7
7.5°	307.2	307.5	306.1	305.8	304.4	303.1	302.0	300.9	300.6	299.8	298.1
10°	312.9	312.4	311.3	309.9	308.5	306.6	305.3	303.9	303.6	302.2	300.3
12.5°	317.9	317.6	315.4	314.0	311.8	309.9	308.3	306.6	305.8	304.2	301.4
15°	321.2	319.5	316.8	314.3	311.8	309.6	307.7	305.8	305.0	303.1	300.3
17.5°	319.8	316.8	313.2	310.2	306.9	304.2	302.5	300.6	299.2	298.1	294.3
20°	314.8	310.5	305.0	301.4	297.0	293.5	292.4	290.5	289.4	285.3	280.3
22.5°	302.0	295.7	288.8	283.6	278.7	275.1	272.4	270.5	267.7	265.3	257.6
25°	285.8	278.7	271.6	265.3	258.7	253.2	248.3	243.6	242.2	237.0	229.6
27.5°	270.2	262.2	255.1	247.7	239.2	232.4	223.9	217.3	212.9	207.4	200.6
30°	253.5	245.5	235.9	226.1	216.2	208.8	199.2	191.3	185.8	180.0	173.7
32.5°	232.4	222.8	211.3	200.3	191.3	182.5	172.9	165.2	159.8	154.5	148.5
35°	208.3	195.7	183.3	171.3	161.7	154.3	145.8	140.0	136.2	131.5	125.2
37.5°	180.6	166.3	153.2	143.9	135.4	128.2	122.2	118.7	114.5	112.1	108.2
40°	152.6	138.7	125.8	117.3	110.2	106.0	102.8	101.9	99.2	95.9	93.4
42.5°	128.0	114.5	101.9	95.1	90.4	89.3	87.7	87.7	86.3	83.9	82.2
45°	111.3	97.3	86.3	81.4	78.9	78.6	77.8	77.8	77.5	76.5	74.5
47.5°	99.2	86.6	78.1	75.1	74.5	74.0	73.2	72.9	72.6	71.8	70.7
50°	88.2	77.5	72.1	70.7	71.0	70.1	69.3	68.5	68.2	67.4	66.3
52.5°	78.1	70.4	66.9	66.0	66.0	66.0	65.5	65.5	64.9	64.7	63.6
55°	72.3	66.6	64.7	64.4	64.1	63.8	63.3	63.3	62.8	62.5	61.1
57.5°	67.4	63.8	62.8	62.2	61.9	61.4	61.1	61.1	61.1	61.1	59.5
60°	63.6	61.9	61.7	61.1	60.8	59.7	59.2	58.9	59.2	59.5	57.8
62.5°	59.5	59.2	58.9	58.4	58.1	57.0	56.2	55.6	56.2	56.7	56.4
63°	58.4	58.1	58.1	57.8	57.5	56.2	55.4	54.8	55.4	55.9	55.9
65°	54.5	54.8	54.8	54.5	54.3	53.4	52.3	51.8	52.1	52.9	53.2
67.5°	50.4	50.7	50.4	50.7	50.4	49.9	49.0	48.5	48.2	48.5	48.8
70°	46.6	47.1	46.9	46.6	46.3	46.3	45.8	44.9	44.7	44.4	44.4
72.5°	43.3	43.3	42.7	42.7	42.5	42.5	41.9	41.1	40.8	40.8	40.3
75°	39.7	39.7	38.9	38.9	38.4	38.6	38.1	37.3	37.0	37.0	36.7
77.5°	37.5	36.7	35.3	35.1	34.8	34.8	34.5	33.7	33.4	33.4	33.2
80°	33.2	31.5	30.1	29.9	30.1	30.7	30.7	30.1	30.1	30.1	30.1
82.5°	25.8	25.2	24.4	23.8	23.8	24.7	25.8	26.3	26.9	27.4	27.4
85°	18.9	19.2	18.9	18.1	17.8	18.6	19.7	20.8	21.1	22.2	21.9
87.5°	10.1	10.4	9.6	9.3	10.1	10.7	11.8	12.1	12.6	12.9	13.2
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4
2.5°	291.3	291.0	291.3	290.7	290.7	290.2	289.6	289.4	288.8	288.5	288.0
5°	296.2	295.4	294.6	294.3	293.2	292.1	291.3	289.9	288.8	286.9	286.4
7.5°	299.5	297.6	296.5	296.2	294.6	293.7	291.8	290.2	288.5	286.1	285.3
10°	300.9	299.0	297.0	296.2	294.3	292.9	291.0	288.5	287.2	284.7	284.2
12.5°	302.5	299.0	295.9	293.7	291.0	288.0	286.1	284.7	282.8	281.4	280.9
15°	299.5	294.8	290.2	286.1	281.7	278.4	276.5	274.3	272.1	271.3	271.3
17.5°	291.3	285.3	277.3	272.1	267.4	263.9	261.4	259.2	258.9	257.9	258.4
20°	274.3	266.3	258.7	254.8	252.1	249.9	247.4	246.3	245.5	243.9	243.3
22.5°	250.7	244.2	238.7	235.9	233.7	231.0	228.8	225.5	224.7	223.1	222.2
25°	224.7	219.5	214.8	212.9	211.5	207.7	206.3	202.0	198.9	197.0	198.1
27.5°	198.7	194.8	190.4	188.0	187.2	183.6	182.2	177.3	174.8	174.8	172.1
30°	171.8	168.2	165.5	162.8	162.2	157.8	154.3	152.4	149.6	148.5	146.6
32.5°	146.6	143.0	140.8	139.5	137.3	133.7	130.2	126.9	122.5	120.8	120.0
35°	123.3	120.6	117.8	116.7	113.7	109.9	105.5	102.8	97.6	95.6	94.8
37.5°	105.5	102.2	100.3	97.3	94.3	90.2	86.9	84.4	82.5	81.7	81.7
40°	91.2	88.8	86.6	84.1	81.7	79.5	77.8	77.3	77.0	77.0	77.5
42.5°	80.6	78.4	77.3	75.9	75.1	75.1	74.8	75.1	75.4	75.6	76.5
45°	73.4	72.1	71.5	71.2	71.8	72.3	72.6	73.2	74.3	74.8	75.1
47.5°	69.6	68.5	68.2	68.5	69.3	70.4	71.5	72.3	73.2	73.4	73.7
50°	65.8	64.4	63.8	64.4	65.5	67.1	68.0	69.3	69.9	70.4	69.9
52.5°	62.5	61.4	61.1	61.1	62.2	63.3	64.4	65.5	65.8	65.8	65.5
55°	59.7	58.9	58.1	58.6	59.5	60.6	62.2	63.0	63.6	63.8	63.8
57.5°	57.5	56.7	55.9	56.4	57.3	58.4	60.0	60.8	61.4	62.2	62.5
60°	55.9	54.8	54.0	54.8	55.6	57.3	58.6	59.5	60.8	61.1	61.1
62.5°	54.3	53.2	51.8	52.6	52.6	53.4	54.8	55.9	57.3	57.8	57.8
63°	54.0	52.9	51.5	52.1	52.1	52.6	53.7	54.8	56.4	57.0	56.7
65°	51.8	51.5	50.1	50.1	49.6	50.1	51.0	52.1	52.9	53.7	53.7
67.5°	48.2	48.0	47.7	47.7	47.7	48.2	48.8	49.6	50.4	51.0	50.7
70°	44.1	44.1	44.1	44.4	44.4	44.9	45.2	44.9	45.8	46.3	46.0
72.5°	40.6	40.3	40.0	40.6	40.3	40.3	40.8	40.6	41.4	41.4	41.7
75°	36.7	36.4	36.4	36.7	36.2	35.6	35.9	35.9	36.2	36.2	36.7
77.5°	33.4	33.4	33.4	33.2	32.6	32.3	32.1	32.1	32.1	32.1	32.3
80°	30.4	30.4	30.4	30.1	29.6	29.0	28.5	28.2	28.0	26.6	26.6
82.5°	27.4	27.4	27.4	27.4	27.1	26.6	25.8	23.6	22.5	21.4	21.6
85°	21.6	22.2	22.7	23.6	23.3	23.3	21.6	18.9	17.3	16.2	16.4
87.5°	14.0	12.3	12.3	12.1	11.5	11.0	11.0	9.3	7.7	6.9	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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	287.4	0°
2.5°	288.0	287.4	286.9	286.9	286.1	286.1	285.5	286.6	285.5	284.7	284.7	2.5°
5°	285.8	285.3	283.6	283.3	282.2	282.2	282.2	281.7	281.7	281.1	280.9	5°
7.5°	284.4	283.1	281.7	280.9	280.9	280.3	281.4	280.9	281.1	281.1	281.4	7.5°
10°	283.3	282.2	281.7	281.4	281.4	282.2	283.1	283.3	283.1	283.3	283.3	10°
12.5°	280.6	281.1	281.4	282.5	283.9	285.5	287.4	287.7	288.3	288.3	288.8	12.5°
15°	271.8	273.2	274.8	277.6	281.1	284.7	288.3	291.3	294.0	295.4	296.5	15°
17.5°	259.5	260.9	263.9	266.9	271.6	276.8	282.8	288.0	293.7	299.0	304.2	17.5°
20°	242.8	245.0	245.8	251.3	256.8	263.9	271.0	279.2	289.1	299.0	309.1	20°
22.5°	221.1	223.6	227.4	231.8	237.6	246.3	254.8	267.7	280.9	294.8	310.7	22.5°
25°	197.0	199.8	203.0	207.7	213.5	222.8	235.1	248.8	265.0	283.3	303.1	25°
27.5°	172.1	174.8	177.6	180.9	187.4	197.3	211.8	226.1	243.9	263.9	286.9	27.5°
30°	147.1	147.4	149.1	153.2	160.0	172.9	183.6	201.4	220.0	241.1	267.7	30°
32.5°	119.7	119.5	121.4	125.0	131.5	143.9	157.0	174.3	192.6	219.2	246.6	32.5°
35°	95.4	95.4	98.9	102.5	109.9	118.7	130.2	145.5	167.2	191.8	219.2	35°
37.5°	82.5	84.4	86.6	90.2	95.9	102.8	112.9	126.3	143.3	166.9	192.1	37.5°
40°	78.4	79.5	81.4	84.7	89.6	95.9	103.3	113.4	126.6	145.5	168.5	40°
42.5°	76.7	77.0	78.1	80.6	84.9	91.2	98.9	108.0	117.8	131.3	151.3	42.5°
45°	75.1	74.8	75.4	77.3	80.8	88.0	96.7	106.6	116.5	127.7	144.1	45°
47.5°	73.7	73.7	73.7	74.5	77.8	84.9	95.1	106.6	118.4	131.0	147.1	47.5°
50°	69.9	69.6	69.6	70.1	72.6	80.3	92.3	106.3	121.7	138.1	156.5	50°
52.5°	65.5	65.5	65.8	66.0	68.2	75.9	89.3	106.3	125.5	147.4	170.4	52.5°
55°	64.1	64.4	64.7	64.4	66.0	72.6	86.0	104.7	127.1	154.8	185.5	55°
57.5°	63.0	63.6	63.6	63.3	64.4	69.9	82.8	101.4	125.8	157.6	196.2	57.5°
60°	61.4	61.4	61.4	60.6	61.1	66.0	77.8	96.2	121.4	155.1	197.8	60°
62.5°	57.8	57.8	57.3	57.0	56.7	60.6	71.2	88.5	113.4	148.5	193.7	62.5°
63°	57.0	56.7	56.7	55.9	55.9	59.5	69.9	87.4	111.3	146.9	192.1	63°
65°	54.0	54.0	54.0	53.4	53.2	55.9	64.4	79.7	102.8	139.2	183.9	65°
67.5°	50.7	51.0	50.4	50.1	49.9	51.5	58.1	70.1	89.6	123.0	168.5	67.5°
70°	46.0	46.3	46.3	46.0	45.8	46.9	51.0	60.3	74.3	102.5	143.6	70°
72.5°	41.9	42.5	42.5	43.0	43.0	43.8	45.5	50.1	59.5	80.0	112.9	72.5°
75°	37.5	37.8	38.4	38.9	38.4	38.1	38.4	41.9	46.6	59.2	80.6	75°
77.5°	33.7	34.5	34.5	34.3	33.4	32.9	32.9	34.5	38.4	44.9	57.5	77.5°
80°	28.0	29.3	29.6	28.8	28.0	28.0	28.5	29.6	32.1	37.0	43.6	80°
82.5°	22.5	23.8	24.1	24.4	24.1	24.9	24.9	25.2	26.6	30.4	35.6	82.5°
85°	17.3	18.4	19.2	19.5	19.7	20.0	19.7	18.4	19.2	21.6	24.1	85°
87.5°	7.7	7.9	7.4	7.7	7.4	7.7	7.9	6.6	6.3	8.5	8.8	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°
287.4	287.4	287.4	287.4	287.4	287.4	287.4
284.4	284.4	284.7	284.2	284.2	284.4	283.6
280.0	281.1	281.1	281.1	280.6	281.1	281.4
281.1	282.0	282.5	282.5	282.2	283.3	284.2
282.5	283.9	284.4	284.4	284.4	285.8	287.7
287.7	288.8	289.6	289.6	290.2	291.8	294.0
297.3	298.7	298.7	298.4	300.1	302.0	304.4
308.0	311.8	313.8	313.5	314.8	317.3	320.1
318.1	328.8	333.5	336.8	338.1	341.4	342.3
326.6	344.4	357.3	368.3	373.5	376.8	380.6
323.6	347.7	370.7	393.2	409.1	425.3	432.1
311.3	341.4	371.6	404.5	433.2	462.0	482.8
296.2	332.4	372.9	419.5	465.0	509.1	544.2
279.0	323.9	376.0	433.5	493.2	551.1	601.7
257.3	307.7	368.6	434.9	505.3	575.4	641.2
229.9	285.8	351.3	425.0	505.8	586.1	664.8
202.5	258.1	329.4	410.8	498.7	588.6	679.6
183.3	233.5	307.2	392.7	487.2	584.8	686.7
170.2	215.7	287.4	376.2	474.9	577.9	687.8
169.1	208.0	274.6	364.2	465.0	571.9	687.8
178.4	212.1	270.2	358.1	460.9	570.0	688.3
195.9	228.5	278.1	362.8	464.2	572.4	690.8
217.0	253.5	299.5	379.0	478.2	580.6	696.3
236.2	282.2	335.9	410.2	503.6	601.5	711.6
247.4	306.9	374.6	454.1	547.2	642.9	742.3
248.8	320.6	408.8	501.7	600.1	690.3	791.4
247.7	321.7	413.2	510.8	611.3	702.0	808.4
241.7	322.0	425.6	542.6	650.2	751.6	855.8
226.3	313.2	429.9	567.5	699.3	816.9	944.3
199.8	288.3	417.1	568.0	718.2	853.3	1000.2
160.6	240.9	361.4	516.8	668.3	817.4	985.6
117.6	177.0	273.2	400.3	545.3	680.4	844.3
78.1	114.5	184.1	285.3	391.0	489.7	607.8
53.7	71.0	107.7	171.5	239.2	287.2	387.2
39.5	46.9	59.7	87.7	115.1	141.7	202.2
24.7	26.9	29.9	43.3	61.9	83.6	126.0
6.6	6.9	6.3	8.5	13.4	12.9	14.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)