

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: P181204

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181204
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
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ HOUSE SIDE SHIELD
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1441.2 lumens
Efficiency: N/A
Efficacy: 58.3 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

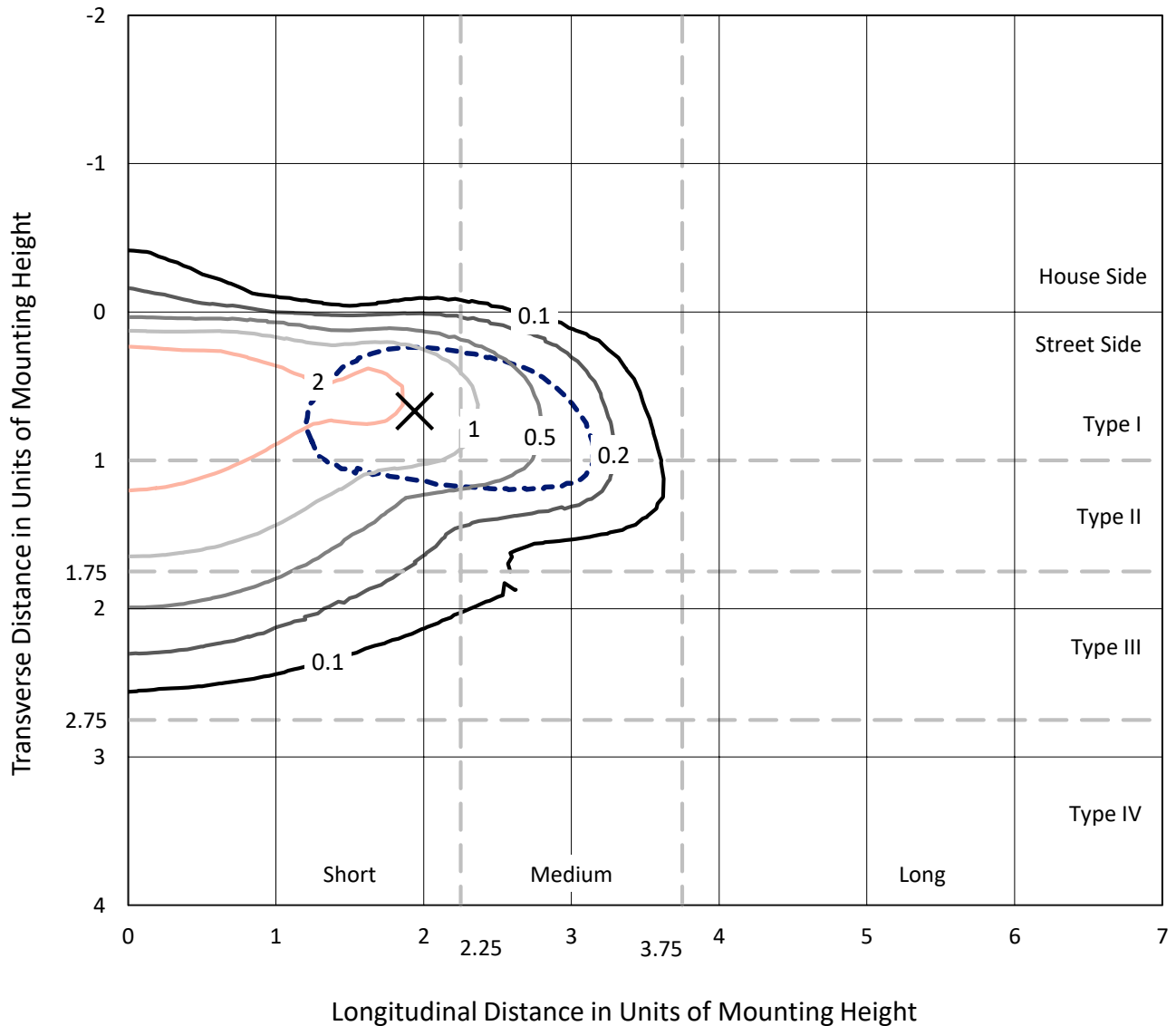
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

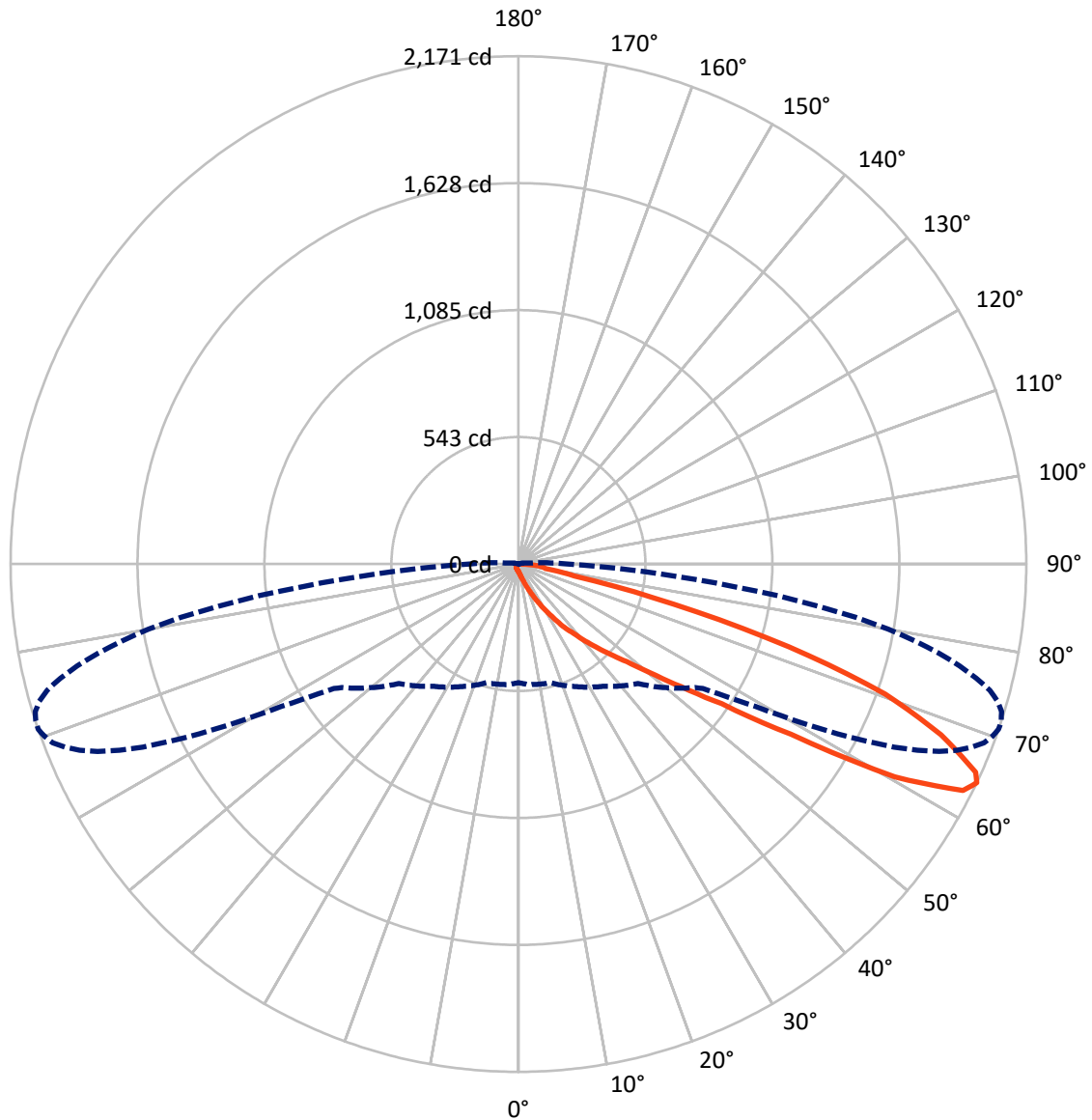
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.8 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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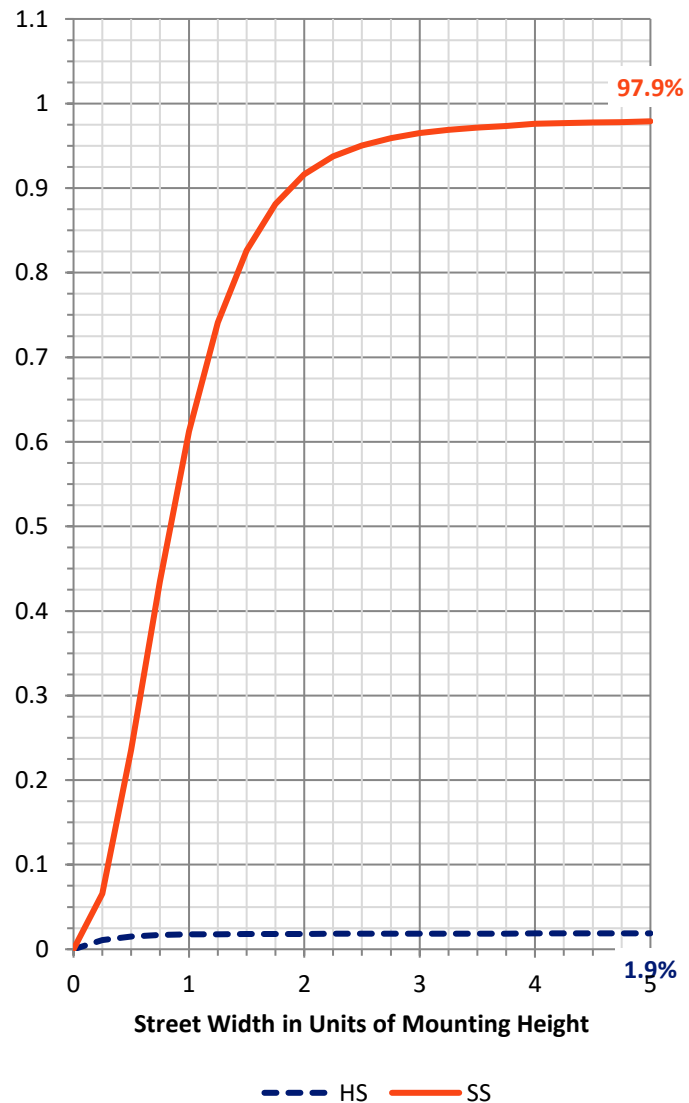
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.6	0.0	27.6
	% Fixture	1.9	0.0	1.9
Street Side	Lumens	1413.6	0.0	1413.6
	% Fixture	98.1	0.0	98.1
Total	Lumens	1441.2	0.0	1441.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.4	0.3
10°-20°	26.1	1.8
20°-30°	66.6	4.6
30°-40°	134.6	9.3
40°-50°	246.1	17.1
50°-60°	383.4	26.6
60°-70°	426.2	29.6
70°-80°	139.0	9.6
80°-90°	15.0	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°	1441.2	100.0
0°-180°	1441.2	100.0



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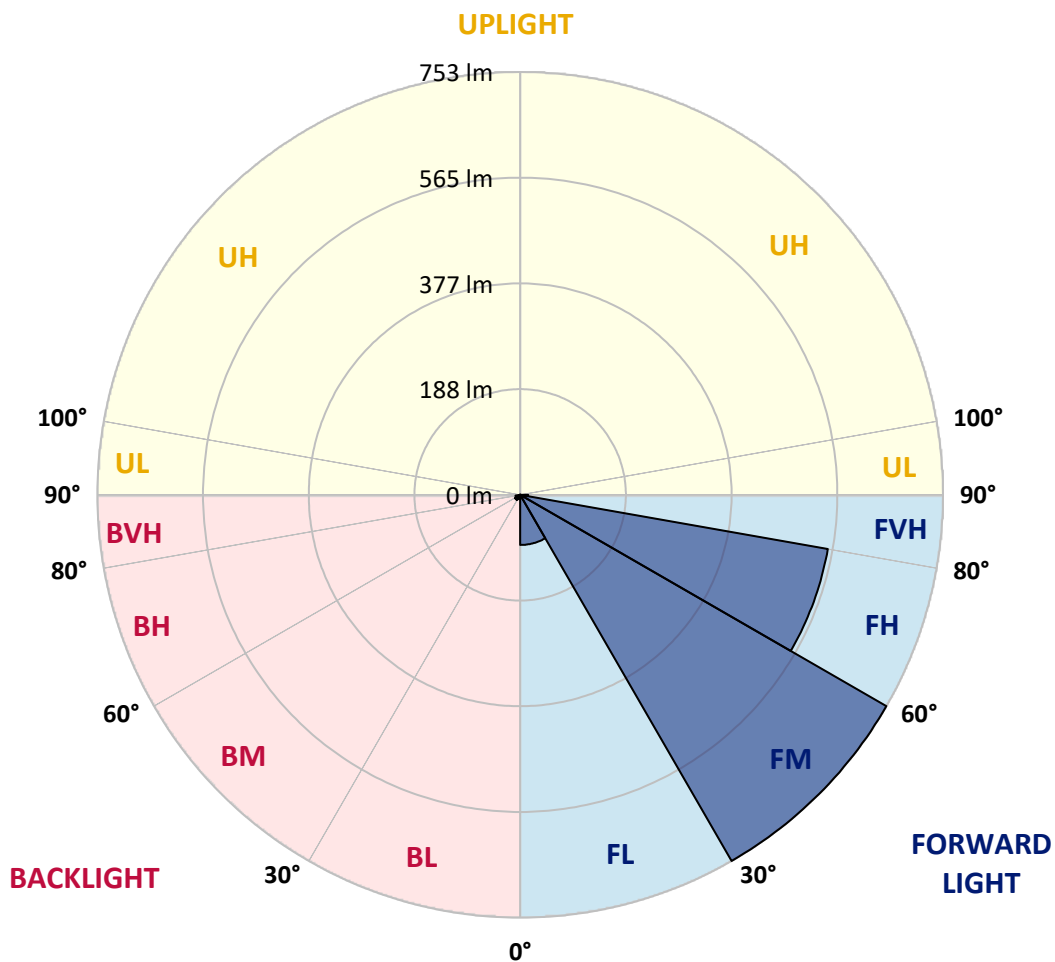
CATALOG NUMBER: ICS-E01-LED-E1-T2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	89.3	6.2			
FM (30°-60°)	753.4	52.3			
FH (60°-80°)	556.6	38.6			G0/660
FVH (80°-90°)	14.2	1.0			G1/100
BL (0°-30°)	7.7	0.5	B0/110		
BM (30°-60°)	10.7	0.7	B0/220		
BH (60°-80°)	8.5	0.6	B0/110		G0/110
BVH (80°-90°)	0.7	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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2.5°	43.2	42.6	42.6	41.7	40.5	39.3	38.1	37.8	37.5	37.2	37.2
5°	67.8	65.4	64.5	61.2	57.0	51.9	47.4	46.2	46.2	45.3	44.7
7.5°	106.5	105.3	99.0	95.7	85.8	73.5	60.6	59.4	59.1	57.9	56.1
10°	156.0	153.6	149.1	139.5	121.5	100.2	81.9	78.9	76.8	74.4	72.0
12.5°	205.5	202.5	195.9	180.3	162.3	135.0	105.6	102.9	99.6	96.3	92.4
15°	255.0	252.9	242.7	227.1	203.7	171.0	133.8	129.0	126.3	119.7	116.7
17.5°	297.9	295.2	287.1	269.4	245.1	209.1	165.0	159.0	154.5	150.6	143.4
20°	335.1	332.4	324.6	309.9	282.6	247.2	198.6	195.6	187.5	181.5	177.3
22.5°	357.9	357.0	351.9	337.8	313.5	282.0	237.0	232.2	226.8	218.7	213.9
25°	372.0	371.1	368.1	358.2	341.7	318.6	279.3	273.3	268.5	261.3	255.3
27.5°	386.7	386.1	383.7	375.0	366.3	351.9	322.2	318.9	308.4	304.2	298.5
30°	411.0	408.3	410.4	406.2	395.1	386.1	365.4	360.6	356.1	348.9	343.8
32.5°	449.7	445.2	449.7	445.2	440.4	429.6	409.8	408.3	403.8	399.3	392.1
35°	497.1	495.3	498.9	502.8	498.9	484.5	460.5	456.0	454.2	447.0	444.3
37.5°	544.8	548.1	554.7	563.4	561.0	550.5	516.6	512.4	509.1	502.8	498.0
40°	596.1	596.4	610.5	623.1	629.4	623.1	578.4	575.1	570.6	561.6	560.4
42.5°	651.9	649.5	660.0	674.1	687.0	695.7	660.0	653.7	647.4	637.2	630.3
45°	701.4	701.4	709.8	723.0	742.8	764.7	746.1	739.5	733.5	725.1	717.3
47.5°	738.0	738.3	743.4	762.6	793.5	826.2	826.8	828.0	823.5	813.6	813.9
50°	763.8	760.5	767.4	786.0	821.7	873.0	909.9	912.0	915.6	907.5	909.9
52.5°	782.7	781.2	785.7	801.3	837.0	899.7	978.1	987.1	992.5	993.7	1003.6
55°	772.8	773.7	784.5	807.0	845.4	917.4	1036.0	1050.7	1063.3	1074.1	1086.4
57.5°	740.1	742.8	761.7	796.8	847.2	931.9	1097.5	1120.0	1143.7	1172.5	1196.8
60°	687.9	694.2	719.7	768.9	829.8	912.9	1115.8	1150.3	1186.6	1230.4	1279.3
62.5°	611.4	612.6	629.4	677.1	744.3	812.4	1031.8	1075.9	1123.9	1187.2	1255.6
64°	506.7	517.5	525.3	577.8	637.8	722.7	920.8	951.4	1018.3	1096.0	1182.1
65°	418.2	431.1	437.4	489.9	558.6	639.6	824.1	856.8	927.4	1006.3	1113.7
67.5°	246.6	237.9	256.2	287.1	344.7	440.7	555.9	580.8	633.3	727.2	813.0
70°	159.0	159.0	175.8	207.3	260.7	334.2	381.9	371.4	382.5	418.8	479.4
72.5°	102.0	107.4	117.6	144.3	193.8	280.2	390.3	340.8	315.0	303.0	302.4
75°	46.5	49.5	60.6	76.5	103.5	182.7	393.6	372.0	348.3	325.5	307.8
77.5°	9.9	11.4	19.2	39.6	50.4	84.3	279.3	311.7	337.5	345.0	345.0
80°	5.1	5.4	8.1	18.6	21.6	28.5	107.7	141.6	174.6	218.1	263.7
82.5°	2.1	2.4	4.8	8.4	9.0	8.7	28.5	36.0	49.5	72.0	107.4
85°	0.6	0.6	2.1	3.3	4.8	3.9	6.3	7.2	9.3	13.5	25.8
87.5°	0.0	0.0	0.3	0.6	0.9	1.5	1.8	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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CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2.5°	36.9	36.9	36.6	36.3	36.3	35.7	35.7	35.4	35.4	35.1	35.1
5°	44.4	43.8	43.2	42.3	42.0	41.4	40.8	40.2	39.6	39.3	38.7
7.5°	55.2	54.6	52.8	51.6	50.1	49.2	48.0	47.1	46.2	45.6	44.4
10°	69.6	67.5	66.6	62.4	61.5	59.4	57.6	56.4	54.0	52.5	51.0
12.5°	90.0	86.1	84.6	77.4	75.3	72.3	70.2	67.2	64.5	62.7	60.0
15°	113.1	110.1	104.4	97.2	93.3	90.0	84.9	82.5	78.9	75.0	71.1
17.5°	140.7	135.3	129.0	119.7	114.9	109.8	105.0	99.9	93.9	90.3	86.1
20°	172.8	167.1	159.3	147.6	141.9	136.8	128.4	124.8	117.6	110.4	105.0
22.5°	207.9	202.2	194.7	181.5	174.0	165.6	158.7	152.4	144.0	136.8	130.5
25°	247.5	240.9	235.2	219.9	210.6	201.9	194.4	183.3	176.1	167.7	159.0
27.5°	292.5	284.7	277.2	260.4	251.7	242.1	233.1	221.4	214.5	200.7	192.6
30°	338.7	329.1	321.3	304.2	296.4	286.5	274.2	263.7	252.0	242.7	229.5
32.5°	387.3	379.5	373.2	355.2	345.3	333.0	321.9	310.8	300.6	285.6	273.6
35°	439.2	432.3	425.4	409.8	401.1	391.8	379.2	365.7	351.6	336.0	325.2
37.5°	493.8	488.4	483.0	464.1	453.9	444.0	429.6	416.1	403.5	387.0	368.7
40°	551.1	546.0	537.3	521.7	510.9	501.9	488.7	476.1	459.0	440.7	424.5
42.5°	623.1	612.0	604.5	587.4	576.0	566.1	554.4	535.5	521.1	499.2	483.6
45°	707.4	696.9	684.6	667.2	653.1	636.9	620.4	607.5	589.5	569.7	549.6
47.5°	802.2	793.8	779.4	762.3	748.2	732.0	712.5	696.0	674.1	651.0	623.7
50°	906.6	897.9	888.3	869.1	855.0	839.7	824.4	804.9	785.1	757.5	729.3
52.5°	1003.6	1005.4	999.7	990.7	983.8	967.9	953.8	935.2	917.7	892.5	870.6
55°	1099.3	1114.9	1120.9	1129.6	1132.6	1119.7	1119.4	1092.1	1081.6	1066.9	1054.3
57.5°	1225.6	1260.1	1287.4	1340.2	1362.4	1384.9	1389.1	1369.9	1389.7	1364.2	1372.9
60°	1333.0	1396.3	1464.1	1600.6	1669.0	1720.6	1762.0	1792.6	1812.4	1846.0	1847.8
62.5°	1342.6	1442.2	1545.4	1744.6	1838.2	1916.5	1991.2	2043.4	2084.8	2122.9	2132.2
64°	1296.7	1420.0	1545.4	1786.3	1882.0	1969.0	2037.1	2089.0	2131.3	2155.0	2170.6
65°	1213.3	1351.3	1495.6	1758.7	1857.4	1949.8	2014.9	2067.1	2107.0	2130.7	2146.9
67.5°	898.8	1032.4	1177.3	1483.6	1639.0	1723.6	1807.0	1880.2	1912.3	1942.3	1948.0
70°	547.8	644.7	744.6	1028.8	1173.1	1325.2	1419.1	1526.2	1601.2	1647.4	1662.7
72.5°	330.6	364.2	423.9	576.6	714.9	821.7	951.7	1054.0	1138.0	1184.5	1207.9
75°	294.3	290.1	297.9	361.5	410.7	474.9	522.0	586.2	638.1	654.3	684.6
77.5°	340.2	328.2	315.9	303.9	301.5	295.5	285.9	288.3	265.5	243.6	244.2
80°	303.0	331.8	348.9	336.3	307.8	279.0	243.6	199.5	156.0	129.0	117.6
82.5°	152.1	216.3	278.1	339.3	335.1	309.6	270.6	222.3	172.2	132.3	105.6
85°	46.8	83.1	117.0	162.6	188.7	185.1	162.6	158.1	112.8	87.9	67.8
87.5°	2.1	2.1	2.1	1.8	2.1	2.1	2.1	2.4	2.4	2.7	2.7
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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CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2.5°	35.1	34.8	34.5	34.2	34.2	34.2	33.9	33.9	33.6	33.6	33.3
5°	38.7	38.1	37.8	37.2	37.2	36.6	36.3	36.0	35.4	35.1	34.8
7.5°	43.5	42.9	42.0	41.1	40.8	39.9	39.0	38.4	37.8	37.2	36.6
10°	49.8	48.6	46.8	45.6	44.7	43.5	42.3	41.4	40.2	39.0	38.4
12.5°	57.9	55.5	53.7	51.6	49.8	48.0	45.9	44.7	43.5	41.7	40.5
15°	67.2	64.8	62.7	59.1	56.1	53.7	51.9	49.2	47.1	44.7	42.9
17.5°	83.1	76.8	72.6	69.0	66.0	61.5	57.9	54.9	52.2	49.2	47.1
20°	98.7	93.3	87.6	83.4	76.8	72.9	68.1	63.9	59.1	55.5	51.9
22.5°	121.5	114.6	107.4	101.1	92.1	86.7	80.4	75.0	69.0	63.0	59.1
25°	150.3	140.1	130.5	121.5	113.1	105.0	96.9	88.2	81.9	74.7	68.1
27.5°	180.6	169.2	159.9	148.2	137.4	127.5	117.3	108.0	97.2	87.9	80.1
30°	218.7	203.1	192.3	178.2	167.4	153.6	141.0	128.7	115.5	104.7	93.6
32.5°	257.4	246.9	228.6	216.6	200.4	183.9	170.7	156.6	140.4	126.3	112.8
35°	308.4	290.4	275.1	258.3	240.6	223.5	206.4	186.3	169.8	152.4	135.9
37.5°	353.4	335.1	317.4	295.5	275.4	257.4	236.7	215.7	196.2	175.5	155.7
40°	405.6	382.8	361.8	341.4	316.5	295.2	273.6	247.5	225.0	202.2	178.8
42.5°	462.6	439.5	414.6	391.2	363.9	337.8	311.1	285.0	259.8	232.2	204.9
45°	525.0	500.7	472.8	446.1	416.4	387.6	355.8	325.8	296.1	265.2	233.7
47.5°	602.4	571.2	545.4	512.1	475.2	444.9	405.9	371.7	337.8	301.8	266.4
50°	702.6	667.2	630.0	593.1	552.3	513.9	470.7	430.2	384.9	344.7	304.2
52.5°	835.5	809.1	765.9	723.6	673.8	624.9	565.5	513.0	454.8	403.5	354.0
55°	1024.3	1006.9	969.4	923.2	879.6	808.2	739.8	658.2	582.6	508.8	439.2
57.5°	1366.0	1347.1	1305.4	1294.3	1227.4	1174.9	1094.8	989.2	861.0	748.2	635.7
60°	1858.0	1821.1	1780.3	1772.8	1694.2	1639.0	1559.5	1447.0	1326.4	1146.4	993.1
62.5°	2132.8	2121.7	2088.7	2048.2	1980.1	1898.2	1808.8	1699.9	1577.5	1419.7	1237.3
64°	2169.7	2159.5	2131.0	2085.4	2017.0	1935.7	1836.7	1728.1	1605.4	1461.4	1294.9
65°	2146.6	2132.2	2107.9	2065.9	2002.3	1924.3	1824.7	1714.6	1590.1	1451.5	1296.7
67.5°	1960.3	1953.7	1931.5	1892.5	1852.6	1782.4	1694.8	1596.4	1494.7	1357.3	1230.4
70°	1664.5	1659.7	1631.5	1615.9	1549.9	1505.5	1434.7	1357.3	1267.3	1171.6	1063.6
72.5°	1234.0	1217.8	1195.0	1171.3	1126.6	1065.7	1010.5	928.0	881.4	800.7	739.8
75°	654.3	644.1	608.7	559.2	504.0	475.5	418.2	366.9	326.1	307.8	263.7
77.5°	226.2	206.1	186.3	164.1	130.2	102.6	81.9	65.4	51.6	45.6	38.1
80°	112.8	107.1	100.8	88.2	74.1	59.7	46.8	36.9	30.3	25.8	23.1
82.5°	91.5	81.0	72.3	63.3	50.7	41.7	33.0	27.0	22.2	19.5	17.1
85°	54.0	41.4	31.5	28.5	22.2	19.2	16.5	14.1	12.0	11.4	10.5
87.5°	2.1	2.7	2.7	2.1	2.7	2.4	2.4	2.1	2.1	2.1	2.1
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-E01-LED-E1-T2-HSS

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2.5°	33.3	33.0	33.0	32.7	32.4	32.4	32.4	32.1	31.5	30.3	29.4
5°	34.5	34.2	33.9	33.3	33.0	32.7	32.4	32.4	30.9	28.8	27.3
7.5°	36.0	35.4	34.8	34.2	33.9	33.3	32.7	32.4	30.3	27.6	26.1
10°	37.5	36.6	35.7	35.4	34.5	33.9	33.0	32.4	30.0	26.7	24.6
12.5°	39.3	38.1	36.9	36.0	34.8	34.2	33.3	32.4	29.4	25.8	23.4
15°	41.4	39.6	38.1	37.2	36.0	34.5	33.3	32.4	28.8	24.9	22.2
17.5°	44.1	42.0	40.2	38.4	36.6	35.1	33.9	32.7	27.9	23.7	20.7
20°	48.3	45.6	42.6	40.5	38.1	36.3	34.2	32.7	27.3	22.5	19.5
22.5°	54.0	49.8	46.5	42.9	39.9	37.5	35.1	33.3	26.4	21.3	18.0
25°	62.1	56.7	51.3	46.8	42.9	39.6	36.6	34.2	25.8	20.4	17.1
27.5°	71.1	64.8	57.6	52.2	46.8	42.0	38.7	35.7	25.8	19.8	16.2
30°	83.7	74.7	66.0	59.1	51.9	46.5	41.7	37.8	25.8	19.5	15.3
32.5°	99.0	88.8	77.7	67.8	59.4	51.6	45.6	40.5	26.4	18.9	14.7
35°	120.3	105.3	92.1	79.8	68.7	59.7	51.9	45.0	27.3	18.6	13.8
37.5°	137.1	119.1	102.3	88.2	75.3	64.2	54.3	46.8	26.4	17.4	12.9
40°	157.2	136.8	116.4	98.7	84.0	69.6	58.2	49.2	25.8	15.9	11.7
42.5°	181.5	156.0	132.3	112.2	93.9	76.8	63.3	52.2	25.8	15.0	10.8
45°	204.3	176.4	150.0	124.8	103.5	84.6	68.1	55.5	25.5	14.1	9.6
47.5°	232.5	199.5	168.6	139.5	114.9	91.8	73.2	58.5	25.2	13.2	8.7
50°	265.8	225.6	190.8	156.0	126.0	100.5	79.2	61.8	24.6	12.3	7.8
52.5°	302.7	259.5	215.1	174.9	139.8	109.8	84.9	64.8	23.7	11.4	6.9
55°	368.1	308.7	256.2	206.4	160.8	123.6	93.3	69.3	22.8	10.5	6.0
57.5°	525.0	426.6	352.2	277.2	211.8	158.7	116.1	82.2	21.6	9.3	4.8
60°	824.4	662.1	535.8	420.3	320.4	243.6	171.0	121.5	23.1	7.8	4.2
62.5°	1057.6	870.9	710.1	565.2	438.9	333.6	249.0	181.5	33.3	6.9	3.3
64°	1118.5	929.5	757.8	606.0	474.6	366.0	277.8	205.2	42.9	6.9	3.0
65°	1127.5	947.5	774.9	621.0	486.9	374.7	286.2	213.0	46.8	7.2	2.7
67.5°	1090.3	937.0	780.0	627.3	496.2	386.7	297.6	225.3	52.8	6.9	2.1
70°	952.3	839.4	710.4	586.8	468.0	367.5	286.2	218.4	55.2	6.6	1.8
72.5°	648.0	570.3	494.1	406.5	325.8	268.5	208.8	153.9	38.7	5.4	1.5
75°	216.0	210.6	188.4	142.8	120.0	97.5	78.0	60.0	14.7	3.3	1.5
77.5°	36.0	30.9	27.0	25.8	21.6	21.0	18.3	14.7	6.3	2.1	1.5
80°	21.0	19.2	16.8	15.0	13.2	11.7	9.9	8.4	3.9	1.5	1.8
82.5°	15.6	13.8	12.3	10.8	9.3	8.1	6.9	5.7	2.1	1.5	1.8
85°	9.0	7.8	6.9	6.0	4.8	4.2	3.6	3.0	1.5	1.5	1.5
87.5°	1.8	1.8	1.5	1.5	1.5	1.5	1.5	1.2	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):

	125°	135°	145°	155°	165°	175°	180°
0°	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2.5°	28.8	27.9	27.6	27.6	27.6	27.6	27.6
5°	26.4	25.5	24.9	24.6	24.6	24.6	24.6
7.5°	24.6	23.4	22.8	22.2	22.2	21.9	21.9
10°	22.8	21.6	20.7	20.1	19.8	19.8	19.8
12.5°	21.3	20.1	18.9	18.3	18.3	18.0	18.0
15°	20.1	18.3	17.4	16.8	16.8	16.5	16.5
17.5°	18.6	17.1	16.2	15.6	15.3	15.3	15.3
20°	17.1	15.6	14.7	14.4	14.1	14.1	13.8
22.5°	15.9	14.4	13.5	13.2	12.9	12.9	12.6
25°	14.7	13.2	12.3	12.0	11.7	11.4	11.4
27.5°	13.8	12.3	11.4	10.8	10.5	10.2	10.2
30°	12.9	11.1	10.2	9.6	9.3	9.0	9.0
32.5°	12.0	10.2	9.0	8.4	8.1	7.8	7.8
35°	10.8	9.0	7.8	7.5	7.2	6.9	6.6
37.5°	9.9	7.8	6.9	6.3	6.0	5.7	5.7
40°	8.7	6.9	6.0	5.4	4.8	4.5	4.5
42.5°	7.8	6.0	5.1	4.2	3.9	3.6	3.6
45°	6.9	5.4	4.2	3.3	3.0	2.7	2.7
47.5°	6.0	4.5	3.3	2.7	2.4	2.1	2.1
50°	5.1	3.6	2.4	1.8	2.1	1.8	1.8
52.5°	4.5	2.7	1.8	1.8	1.8	1.8	1.8
55°	3.6	2.1	1.5	1.5	1.8	1.8	1.8
57.5°	3.0	1.5	1.2	1.5	1.5	1.5	1.5
60°	2.1	1.2	1.2	1.5	1.5	1.5	1.5
62.5°	1.8	1.2	1.2	1.2	1.5	1.5	1.5
64°	1.5	1.2	1.2	1.2	1.5	1.5	1.5
65°	1.5	1.2	1.2	1.2	1.5	1.5	1.5
67.5°	1.5	1.2	1.2	1.2	1.5	1.5	1.5
70°	1.2	1.2	1.2	1.2	1.5	1.5	1.5
72.5°	1.2	1.2	1.2	1.2	1.5	1.5	1.5
75°	1.2	1.2	1.2	1.2	1.5	1.5	1.5
77.5°	1.2	1.2	1.2	1.5	1.5	1.5	1.5
80°	1.2	1.2	1.2	1.5	1.5	1.5	1.5
82.5°	1.2	1.2	1.2	1.5	1.5	1.5	1.5
85°	1.2	1.2	1.2	1.5	1.5	1.5	1.5
87.5°	1.2	1.2	1.2	1.5	1.5	1.5	1.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)