

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: P180526

Luminaire Tested: **ICS-E02-LED-E1-SL2-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180526
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E02-LED-E1-SL2-8030
Description: ICON SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4641.5 lumens
Efficiency: N/A
Efficacy: 89.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

Input Watts (W): 52.1
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

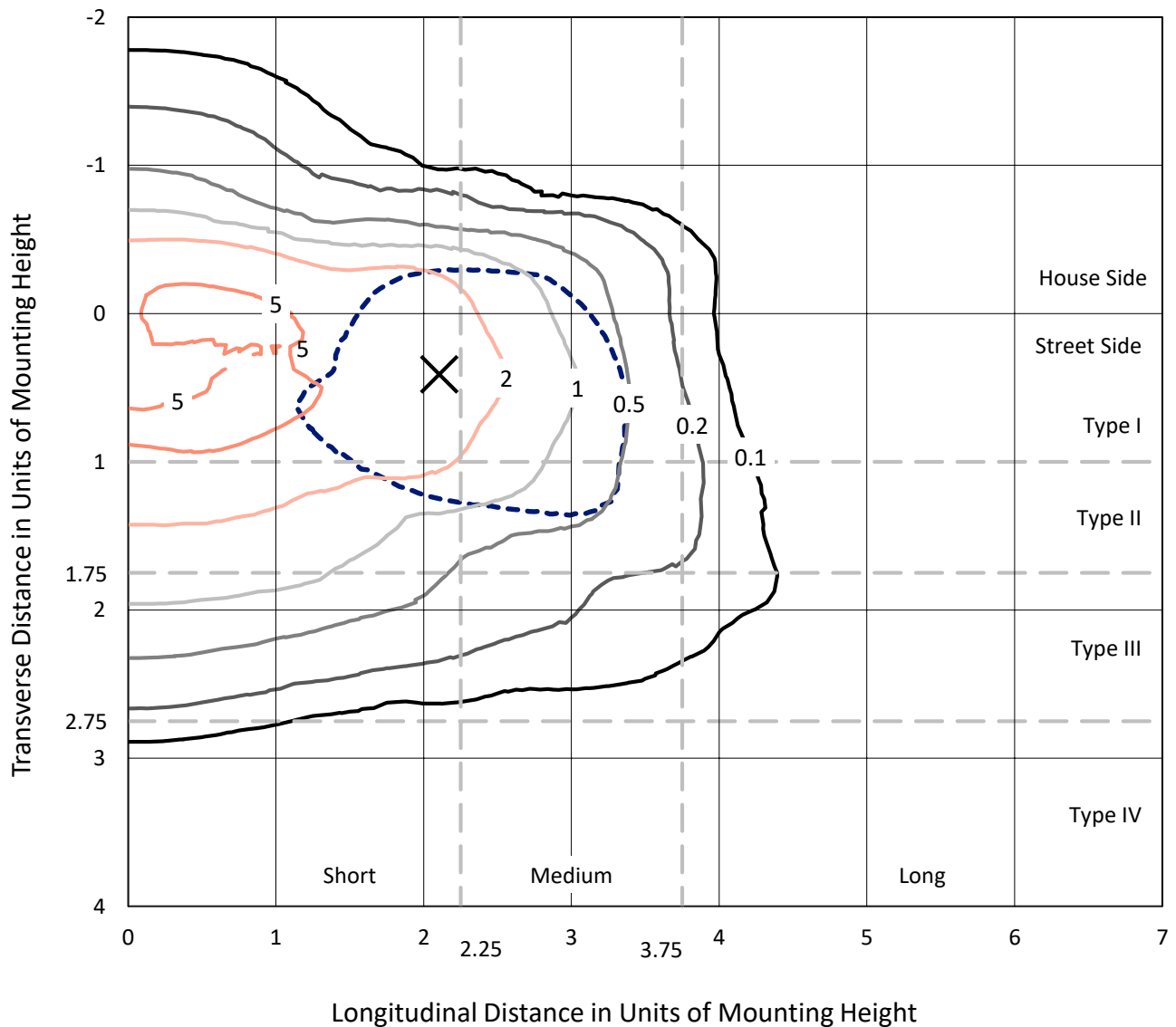


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

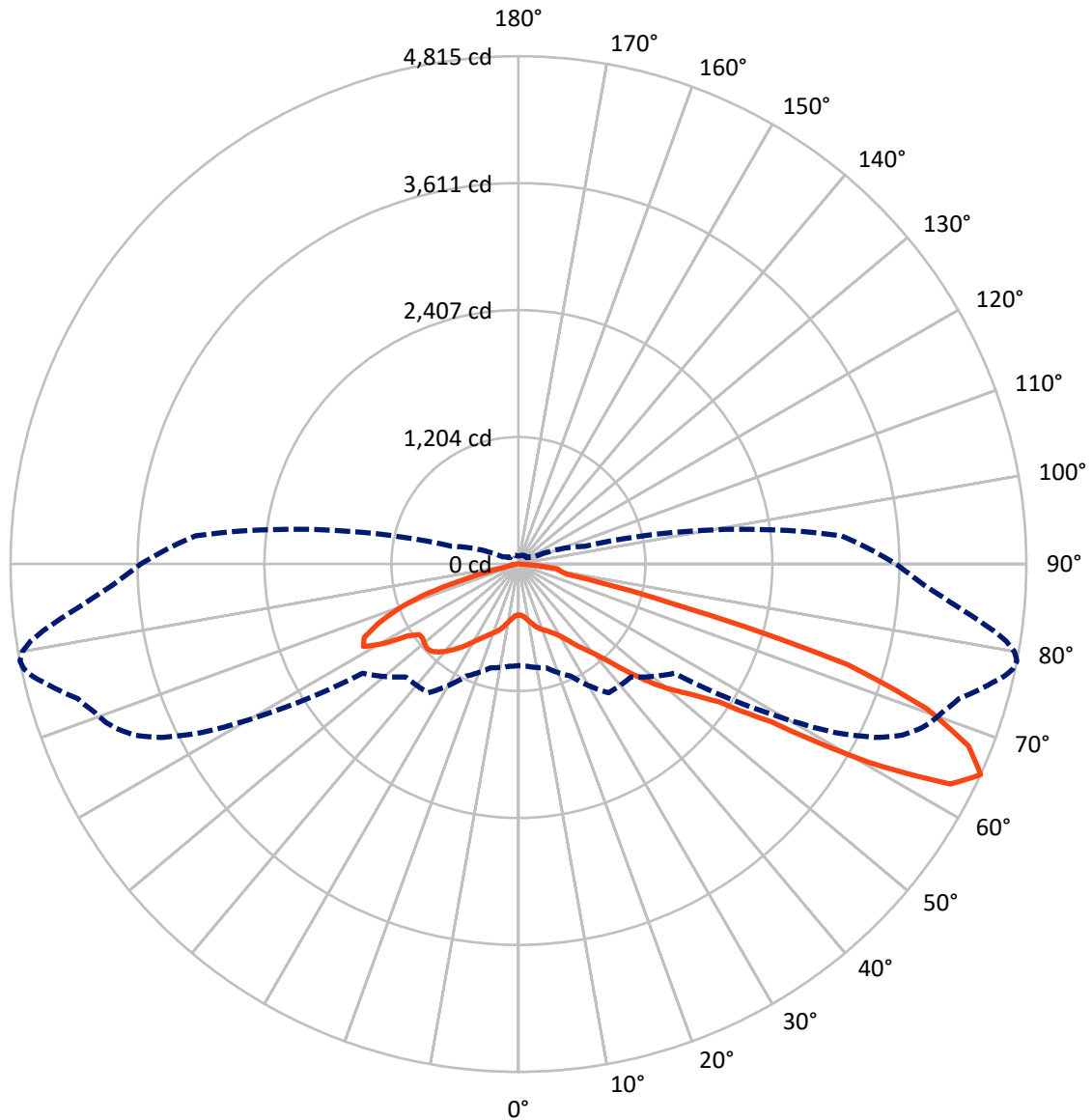


Based on 10 foot mounting height. Maximum calculated value = 6.4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1097.2	0.0	1097.2
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	3544.3	0.0	3544.3
	% Fixture	76.4	0.0	76.4
Total	Lumens	4641.5	0.0	4641.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.0	1.0
10°-20°	157.0	3.4
20°-30°	271.2	5.8
30°-40°	449.0	9.7
40°-50°	761.5	16.4
50°-60°	1011.7	21.8
60°-70°	1306.9	28.2
70°-80°	548.1	11.8
80°-90°	88.1	1.9
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°	4641.5	100.0
0°-180°	4641.5	100.0



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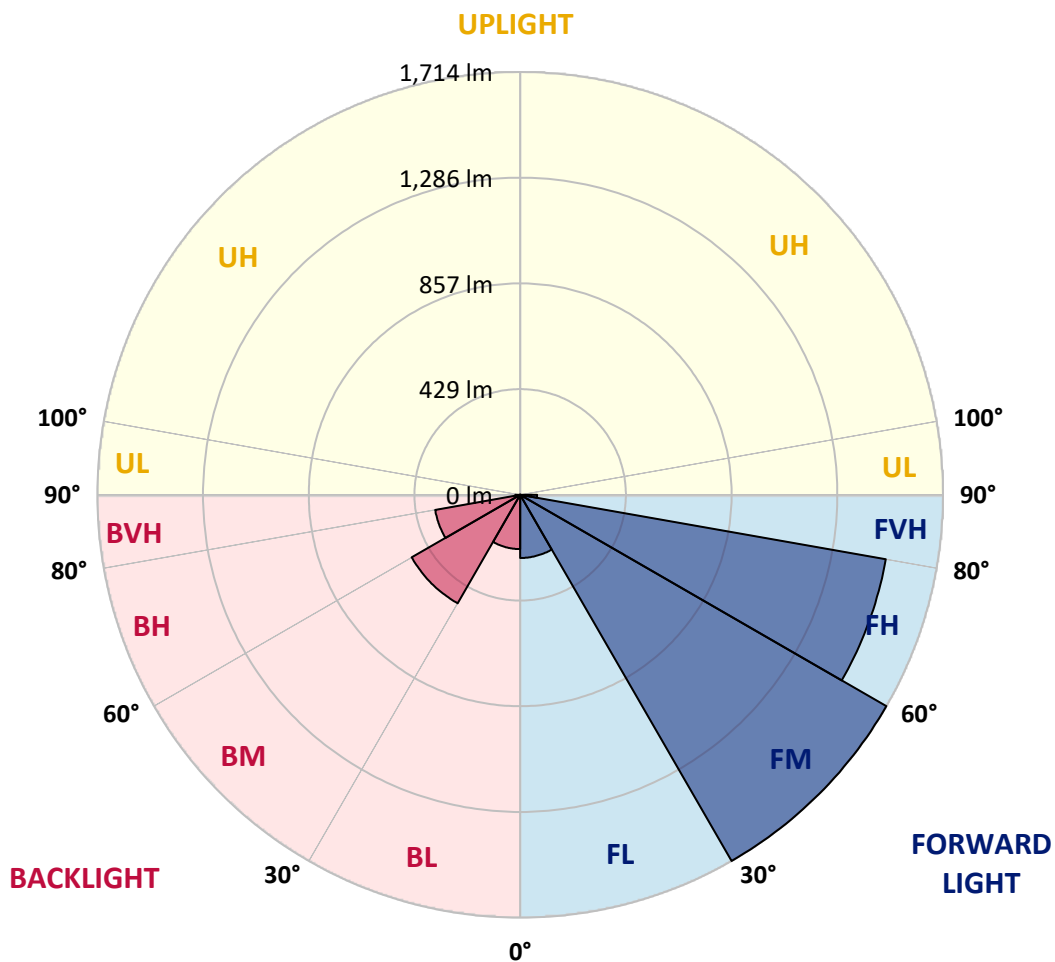
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	256.1	5.5			
FM	(30°-60°)	1714.2	36.9			
FH	(60°-80°)	1505.1	32.4			G1/1800
FVH	(80°-90°)	68.8	1.5			G1/100
BL	(0°-30°)	220.2	4.7	B1/500		
BM	(30°-60°)	507.9	10.9	B1/1000		
BH	(60°-80°)	349.9	7.5	B1/500		G1/500
BVH	(80°-90°)	19.2	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 II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1
2.5°	481.6	483.1	482.1	483.1	484.1	484.6	485.7	485.2	485.2	485.7	484.6
5°	481.6	481.6	483.1	485.7	486.7	489.7	493.3	492.7	493.3	492.7	493.8
7.5°	491.7	491.2	492.7	495.8	496.8	501.4	507.4	508.4	509.5	509.5	511.0
10°	509.5	509.0	510.5	512.0	513.5	517.1	525.7	529.2	529.7	530.2	532.2
12.5°	531.7	531.2	529.2	529.2	528.7	535.3	546.9	553.5	554.5	556.6	558.1
15°	547.4	545.9	542.9	540.9	543.4	554.0	571.2	578.8	579.9	581.4	585.4
17.5°	562.6	561.1	554.5	549.5	553.0	570.2	593.5	601.6	603.7	605.2	609.7
20°	583.9	582.9	573.3	561.1	560.1	582.4	610.7	621.4	622.9	624.9	629.5
22.5°	616.3	611.8	600.6	577.8	566.7	589.5	622.9	637.6	639.6	641.6	647.7
25°	656.8	654.8	635.6	600.6	577.3	596.6	636.1	654.3	657.3	659.9	668.0
27.5°	698.9	695.8	675.1	629.5	596.1	610.7	656.8	677.6	681.6	685.7	693.3
30°	736.3	735.3	718.1	668.5	626.4	637.6	690.3	715.6	720.1	725.2	732.3
32.5°	824.5	825.0	807.2	756.6	699.9	686.2	738.4	776.3	778.4	784.4	797.1
35°	993.1	995.1	988.5	948.5	884.7	828.5	833.6	871.0	873.1	878.1	890.3
37.5°	1106.0	1110.1	1130.3	1143.0	1110.6	1084.8	1020.4	1005.8	1007.3	1004.2	1001.7
40°	1168.3	1174.4	1227.6	1293.4	1328.9	1329.4	1301.5	1236.7	1211.9	1204.8	1174.4
42.5°	1203.8	1213.9	1289.4	1401.8	1503.6	1573.5	1590.7	1518.8	1500.5	1468.1	1409.9
45°	1227.1	1239.2	1328.3	1482.3	1632.2	1751.2	1840.8	1808.9	1796.8	1777.0	1723.4
47.5°	1223.0	1232.6	1325.3	1509.6	1699.6	1868.7	2027.7	2060.6	2045.9	2040.9	2004.4
50°	1149.1	1157.7	1251.9	1441.8	1662.6	1913.3	2146.2	2239.4	2239.4	2249.0	2237.9
52.5°	1070.1	1077.2	1162.7	1333.4	1543.1	1869.7	2212.1	2366.5	2386.8	2403.5	2429.8
55°	1040.2	1048.8	1113.6	1259.5	1441.3	1745.1	2234.3	2461.7	2499.2	2527.6	2587.3
57.5°	1054.4	1063.0	1109.1	1219.5	1381.5	1618.0	2235.3	2589.8	2662.3	2720.5	2841.5
60°	1115.6	1123.8	1162.2	1256.4	1365.8	1544.6	2192.3	2793.9	2909.4	3018.8	3220.3
62.5°	1087.3	1097.4	1153.6	1317.7	1482.8	1488.9	2036.8	2951.9	3137.8	3299.3	3619.9
65°	963.2	973.8	1017.9	1171.4	1489.9	1513.2	1806.4	2955.0	3185.9	3404.2	3750.1
67.5°	731.3	735.3	770.3	893.3	1191.6	1540.0	1569.4	2605.0	2824.8	3068.4	3425.4
70°	373.7	380.8	391.0	493.3	767.2	1272.6	1348.6	1919.8	2199.9	2451.6	2880.5
72.5°	129.6	132.2	142.3	188.4	373.7	835.1	1180.5	1315.7	1484.8	1720.3	2217.1
75°	78.0	78.0	81.5	95.2	170.7	435.0	1050.3	1074.6	1097.4	1176.4	1501.5
77.5°	61.8	62.8	62.8	65.3	94.7	223.3	797.6	999.2	1002.2	1009.8	1064.5
80°	44.1	46.1	50.1	52.2	61.3	122.6	447.7	877.1	936.9	965.7	1005.8
82.5°	32.9	34.9	42.5	45.1	47.6	68.4	201.0	605.2	714.1	771.8	912.6
85°	14.7	17.2	28.9	31.9	33.4	36.5	94.2	172.2	198.0	222.3	293.2
87.5°	2.5	2.5	4.6	6.6	9.6	9.1	20.8	29.4	29.9	34.9	39.0
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1
2.5°	484.6	484.6	484.6	484.1	484.6	484.6	484.6	484.6	485.2	485.2	485.2
5°	495.3	494.3	494.8	494.8	494.8	494.3	495.3	494.8	495.3	496.8	496.3
7.5°	511.0	512.0	512.5	513.0	513.0	513.0	513.5	514.5	514.5	516.0	515.5
10°	534.3	533.8	534.3	535.8	537.3	537.8	539.3	538.8	539.8	541.9	543.9
12.5°	559.1	560.1	561.6	563.1	565.7	566.2	567.7	568.2	571.2	571.2	573.3
15°	586.9	587.4	590.5	591.0	594.0	595.0	597.6	598.6	602.1	602.6	604.7
17.5°	612.3	613.3	614.8	616.3	619.9	621.4	623.4	625.4	628.5	629.5	633.0
20°	632.5	634.5	635.1	638.1	641.1	643.2	645.2	647.2	650.2	651.8	655.3
22.5°	650.8	652.8	654.3	656.8	658.9	661.9	662.9	666.5	669.5	672.0	675.1
25°	670.5	673.5	675.1	679.6	681.1	684.2	686.7	690.3	694.3	697.3	701.4
27.5°	698.4	702.9	704.9	710.0	713.5	715.1	719.1	724.2	727.7	731.3	735.3
30°	736.8	745.5	747.0	750.5	757.1	758.1	763.2	767.2	772.8	776.3	779.9
32.5°	796.6	807.2	808.2	812.3	817.9	819.9	823.9	828.5	837.1	838.6	844.2
35°	888.3	892.8	896.9	898.4	903.0	905.5	908.5	913.6	922.2	921.2	927.3
37.5°	998.2	999.7	1000.2	995.1	996.1	991.6	997.1	998.2	1001.2	1003.7	1009.8
40°	1155.1	1139.4	1137.4	1125.3	1113.1	1106.5	1104.0	1093.9	1096.4	1097.4	1102.5
42.5°	1384.6	1354.2	1328.9	1311.6	1281.8	1267.1	1247.3	1231.6	1219.5	1224.0	1226.0
45°	1675.2	1631.7	1591.2	1538.5	1499.5	1471.7	1436.7	1405.3	1391.1	1384.6	1392.7
47.5°	1965.4	1926.9	1879.3	1825.1	1763.4	1717.3	1659.0	1607.9	1572.4	1559.3	1566.4
50°	2216.1	2180.7	2144.7	2112.8	2040.9	1990.7	1911.2	1844.9	1789.2	1760.8	1753.2
52.5°	2424.2	2405.5	2386.3	2359.4	2301.7	2251.6	2188.2	2122.9	2049.0	1991.3	1971.5
55°	2610.1	2621.2	2611.6	2612.1	2589.3	2557.4	2503.8	2455.1	2403.5	2338.2	2310.8
57.5°	2881.0	2946.9	2960.0	2993.0	3009.2	3026.4	3041.6	3012.7	2999.5	2950.9	2951.4
60°	3307.9	3404.2	3487.7	3563.7	3626.0	3686.8	3750.6	3778.9	3810.3	3825.0	3875.1
62.5°	3762.2	3853.9	3978.5	4080.2	4137.5	4216.5	4285.9	4330.9	4386.1	4444.9	4521.3
65°	3874.6	3985.0	4063.5	4131.4	4188.1	4230.1	4268.1	4321.8	4367.9	4461.1	4551.2
67.5°	3586.5	3674.6	3746.5	3813.4	3857.4	3892.9	3926.8	3962.2	4041.2	4125.8	4216.5
70°	3078.5	3184.9	3303.9	3390.5	3412.3	3442.7	3475.1	3521.2	3560.7	3649.3	3718.2
72.5°	2473.4	2626.3	2727.1	2847.1	2872.9	2919.0	2937.2	2973.2	2980.3	3028.4	3046.6
75°	1723.9	1899.1	2000.4	2088.5	2105.7	2080.4	2090.5	1963.4	1931.0	1904.7	1883.4
77.5°	1137.9	1185.0	1201.2	1187.1	1119.2	1066.0	1009.3	953.6	959.7	914.6	835.6
80°	1011.8	1022.5	1007.8	993.6	954.6	898.9	847.8	795.6	769.8	742.4	701.9
82.5°	984.5	1025.5	1030.1	1012.8	982.0	921.2	859.4	781.9	716.1	655.3	593.5
85°	329.2	400.6	432.5	462.4	471.5	482.1	445.7	396.0	336.3	296.3	231.9
87.5°	42.0	52.2	60.3	51.7	60.3	70.9	51.1	57.2	57.7	36.0	26.8
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1
2.5°	485.7	485.2	485.2	485.2	484.6	485.2	485.2	485.2	485.2	485.2	484.6
5°	496.8	496.8	498.3	498.8	497.8	497.3	497.8	498.3	498.3	497.8	498.3
7.5°	517.6	518.1	519.1	520.6	519.6	520.1	520.6	520.1	521.6	522.1	521.6
10°	543.9	544.9	547.4	547.9	547.4	549.5	550.0	549.0	550.0	550.0	552.0
12.5°	574.3	575.3	578.3	579.3	580.4	580.9	582.4	582.9	584.4	585.4	586.9
15°	607.2	608.2	610.2	613.8	614.8	615.8	616.8	619.9	620.4	622.4	623.9
17.5°	635.1	636.6	639.6	642.1	643.7	646.2	647.2	650.8	651.8	654.8	657.3
20°	657.3	659.9	662.4	665.4	668.0	671.0	672.0	675.6	677.6	679.1	682.2
22.5°	677.6	680.6	684.2	687.7	689.7	693.8	695.3	696.8	701.4	703.4	706.5
25°	703.9	707.0	711.0	715.6	717.6	722.7	724.2	726.7	731.8	733.8	738.4
27.5°	739.9	743.9	747.0	751.5	754.1	757.6	761.2	764.2	768.7	771.8	776.9
30°	785.0	788.0	793.1	796.6	800.7	805.7	809.8	812.8	815.3	819.9	825.5
32.5°	851.3	851.8	853.3	861.9	866.0	870.0	875.6	878.1	882.2	886.7	892.8
35°	933.8	938.4	941.9	946.0	950.6	955.1	957.1	964.7	968.3	974.4	980.4
37.5°	1015.9	1016.4	1024.5	1027.0	1031.1	1035.6	1042.7	1050.3	1059.4	1065.5	1075.1
40°	1104.0	1108.1	1118.2	1123.2	1128.3	1139.4	1145.0	1157.2	1172.4	1181.0	1197.2
42.5°	1231.6	1237.7	1255.9	1264.0	1276.2	1294.4	1306.1	1322.8	1328.9	1349.6	1357.2
45°	1398.7	1417.5	1443.8	1461.0	1482.8	1502.6	1512.7	1520.3	1529.4	1545.6	1543.6
47.5°	1579.5	1603.8	1633.2	1668.7	1682.8	1706.1	1719.3	1734.0	1725.9	1721.8	1717.8
50°	1764.9	1793.2	1832.2	1864.1	1885.9	1900.1	1911.2	1909.2	1892.0	1882.9	1857.6
52.5°	1971.0	1987.7	2024.7	2052.0	2065.2	2068.2	2065.7	2050.5	2034.3	2005.4	1975.6
55°	2287.0	2279.4	2294.1	2306.8	2302.7	2316.9	2280.4	2266.2	2226.2	2188.8	2148.7
57.5°	2929.1	2939.3	2857.2	2820.3	2813.7	2826.8	2762.5	2754.4	2657.7	2645.5	2578.2
60°	3868.1	3917.7	3853.4	3817.4	3720.2	3688.3	3616.4	3586.5	3493.8	3418.9	3324.2
62.5°	4574.0	4619.1	4645.9	4594.8	4538.0	4454.5	4345.6	4225.1	4126.8	4011.9	3911.6
65°	4637.8	4729.0	4790.8	4814.6	4774.5	4682.9	4548.7	4396.8	4246.3	4102.0	3975.4
67.5°	4339.5	4421.1	4516.8	4602.4	4607.4	4547.7	4433.2	4278.8	4105.1	3926.8	3778.4
70°	3827.0	3929.3	4012.9	4103.0	4165.8	4131.4	4074.2	3932.4	3752.1	3613.3	3442.7
72.5°	3112.5	3155.5	3175.8	3264.4	3265.4	3202.6	3162.1	3083.6	2938.3	2840.0	2709.9
75°	1817.5	1722.8	1622.1	1534.5	1463.1	1433.2	1300.5	1278.2	1189.1	1133.9	1052.9
77.5°	749.5	664.9	556.1	465.4	375.8	335.3	276.5	250.7	217.3	202.6	192.9
80°	642.6	562.6	480.6	402.1	332.2	262.3	204.1	158.5	124.6	105.8	98.2
82.5°	524.7	476.5	419.3	376.8	322.1	269.9	227.9	176.7	132.2	97.2	74.4
85°	189.4	155.5	125.1	115.0	91.7	75.5	63.3	54.2	44.6	35.4	31.4
87.5°	21.3	20.3	11.6	11.1	12.7	9.1	10.6	9.6	8.1	7.1	7.6
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1	483.1
2.5°	484.6	484.6	485.2	485.2	485.7	486.2	487.2	486.7	486.7	487.2	487.2
5°	498.3	499.8	499.3	499.3	499.3	499.8	500.3	498.3	496.3	494.3	493.3
7.5°	522.1	523.1	524.1	523.1	524.1	523.6	522.6	517.1	510.5	502.4	496.8
10°	553.0	553.0	554.0	553.5	555.5	554.0	551.0	538.3	524.1	506.9	494.3
12.5°	586.4	590.0	588.5	589.0	593.0	589.0	581.9	563.1	537.8	510.0	487.7
15°	625.9	627.5	628.5	627.0	629.5	625.9	613.3	583.4	546.4	507.4	474.5
17.5°	658.3	658.9	659.4	660.4	663.9	659.9	638.1	597.6	548.5	495.8	452.2
20°	683.7	686.2	688.2	688.2	693.3	687.2	658.3	604.7	541.9	476.5	423.9
22.5°	710.0	712.0	714.6	715.1	721.7	715.6	675.1	603.1	524.7	449.2	391.0
25°	742.4	744.4	746.5	749.0	758.1	749.5	691.8	597.1	500.9	416.8	355.5
27.5°	779.9	784.4	786.0	790.0	800.7	787.5	706.0	588.0	474.5	379.3	318.0
30°	830.0	835.6	837.6	843.2	857.9	829.0	714.1	572.3	441.1	341.3	278.0
32.5°	897.4	905.0	911.1	917.1	933.8	870.5	715.1	549.5	402.1	298.8	239.5
35°	985.5	997.1	1001.7	1005.8	1021.5	915.6	710.5	515.5	354.5	255.2	209.2
37.5°	1084.2	1095.9	1098.9	1101.0	1104.0	954.1	699.4	463.9	300.8	217.3	184.8
40°	1205.8	1215.9	1220.0	1216.9	1200.7	984.0	674.6	403.6	248.7	191.4	169.7
42.5°	1354.2	1369.4	1370.9	1357.2	1303.5	1000.7	624.9	332.7	207.6	172.7	158.0
45°	1538.0	1537.0	1528.4	1518.8	1415.4	994.1	555.5	270.9	181.8	158.0	147.4
47.5°	1703.1	1685.9	1672.7	1644.4	1514.2	955.6	465.9	224.3	166.1	146.9	138.3
50°	1838.3	1806.9	1779.1	1748.2	1587.6	887.3	376.8	190.4	151.4	137.2	129.6
52.5°	1945.2	1907.2	1874.8	1844.4	1658.5	811.3	308.9	165.6	137.2	127.6	120.0
55°	2112.3	2074.3	2022.6	1989.2	1766.9	741.4	264.9	145.8	123.6	117.5	109.9
57.5°	2535.1	2501.7	2439.9	2353.3	2045.4	715.1	240.0	130.7	112.4	108.9	102.8
60°	3273.5	3219.3	3138.8	3050.7	2611.6	732.8	220.3	120.0	104.8	101.8	97.2
62.5°	3830.6	3735.4	3644.2	3562.7	3064.4	732.3	194.5	111.9	99.3	97.7	93.2
65°	3853.4	3756.6	3665.0	3579.4	3074.5	651.8	164.1	104.8	98.2	97.7	90.1
67.5°	3648.8	3543.9	3455.3	3347.5	2846.1	509.5	131.7	100.3	102.3	101.3	89.1
70°	3314.5	3177.8	3104.9	2998.5	2504.8	356.5	108.4	101.8	110.9	107.9	90.6
72.5°	2601.5	2498.2	2387.3	2313.3	1960.9	225.4	91.2	102.8	114.5	109.4	94.7
75°	968.3	996.1	950.6	934.3	996.1	132.2	81.0	95.7	102.3	94.7	86.1
77.5°	195.5	186.9	177.2	175.2	226.4	81.5	74.4	83.1	78.5	69.4	69.9
80°	93.7	91.2	88.1	87.6	84.1	67.9	68.9	70.9	59.3	53.7	57.2
82.5°	62.3	58.7	57.7	55.7	56.7	60.8	65.3	60.8	45.6	42.5	51.7
85°	28.9	27.9	27.3	27.3	30.4	54.7	54.2	44.6	31.4	30.4	51.7
87.5°	7.1	7.1	7.6	7.1	8.1	16.2	14.2	13.7	11.6	13.2	24.3
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):

	165°	175°	180°
0°	483.1	483.1	483.1
2.5°	486.7	487.2	486.7
5°	491.2	491.2	491.2
7.5°	491.2	489.7	489.2
10°	484.1	479.6	479.6
12.5°	472.0	464.4	463.4
15°	449.2	439.1	437.5
17.5°	420.3	406.7	404.1
20°	387.9	370.7	367.7
22.5°	352.5	332.7	331.2
25°	317.5	297.3	293.2
27.5°	278.5	258.8	256.8
30°	239.5	222.3	221.3
32.5°	206.6	196.0	194.0
35°	183.3	177.2	174.7
37.5°	168.1	163.6	163.1
40°	156.5	152.4	151.9
42.5°	146.9	143.3	142.8
45°	137.2	134.2	133.2
47.5°	127.6	124.6	124.1
50°	119.0	115.0	114.5
52.5°	110.9	106.9	105.8
55°	103.3	99.3	99.3
57.5°	96.7	92.7	92.2
60°	90.6	86.6	86.1
62.5°	86.1	81.0	80.5
65°	82.5	77.5	76.5
67.5°	80.5	74.4	72.9
70°	84.1	72.9	70.4
72.5°	84.6	71.4	67.9
75°	81.5	67.4	64.8
77.5°	71.4	60.3	57.7
80°	61.8	46.6	43.0
82.5°	58.7	38.0	32.9
85°	45.6	24.8	23.3
87.5°	25.8	13.7	11.1
90°	0.0	0.0	0.0

(END OF REPORT)