

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723688

Luminaire Tested: **IFLD-L-SA8B-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723688
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8B-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19619.3 lumens	Max Intensity:	461572.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	7114.8 lumens	Field Lumens:	11342.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

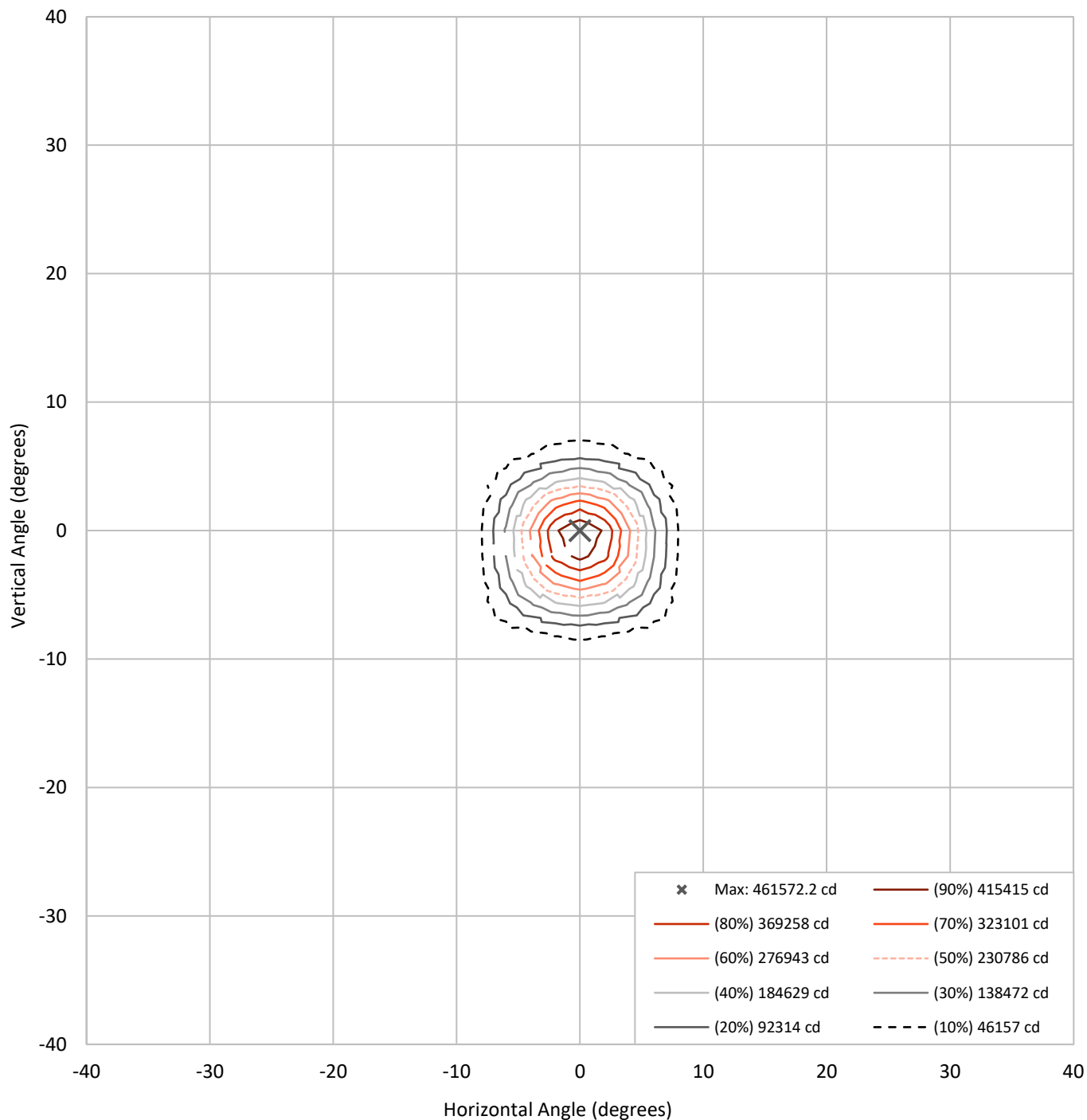
Input Watts (W): 320
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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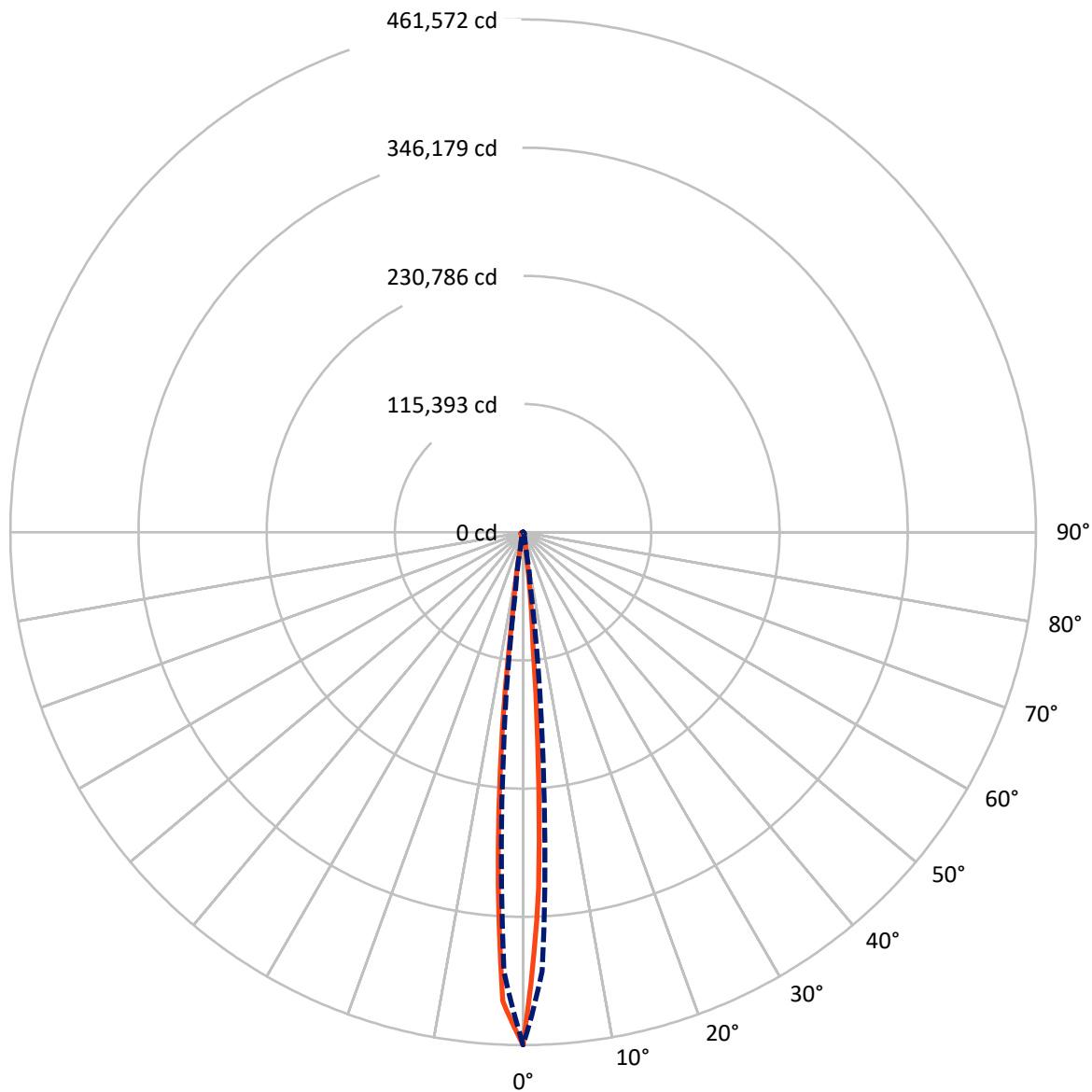
Lumen Table

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Luminous Intensity Polar Plot



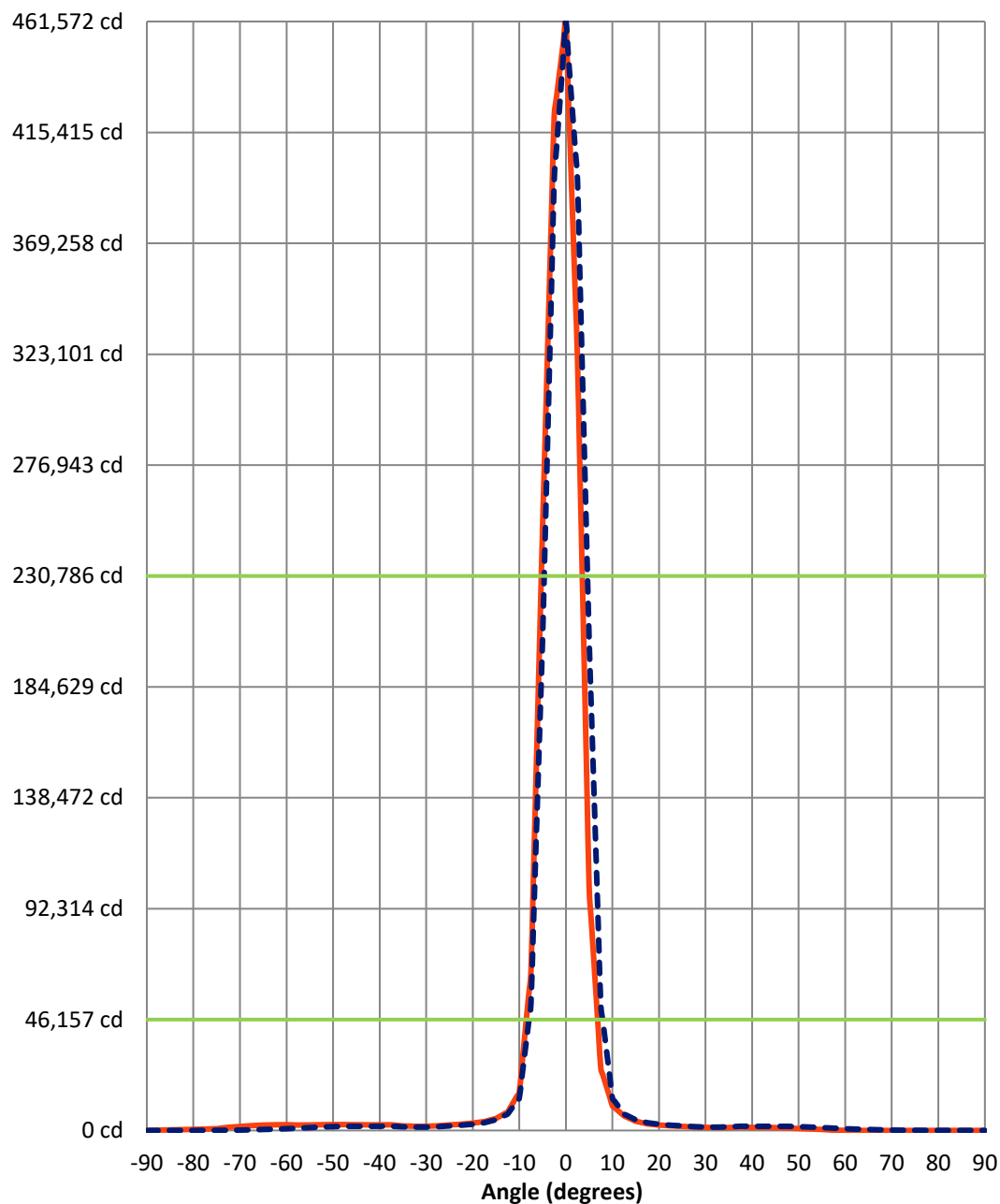
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7114.8

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11342.3

Efficiency: 57.8%

Spill:

Lumens: 8277

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
85°	0.0	4.5	4.5	9.1	9.1	9.1	13.6	18.1	22.6	22.6	27.2
82.5°	0.0	4.5	4.5	9.1	9.1	13.6	13.6	22.6	27.2	31.7	40.8
80°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	18.1	22.6	31.7	36.2
77.5°	0.0	4.5	4.5	4.5	9.1	9.1	9.1	13.6	18.1	22.6	27.2
75°	0.0	4.5	4.5	4.5	9.1	9.1	9.1	9.1	13.6	13.6	18.1
72.5°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	9.1	13.6	13.6	13.6
70°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	9.1	13.6	13.6	13.6
67.5°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	9.1	13.6	13.6	13.6
65°	0.0	0.0	0.0	4.5	4.5	9.1	9.1	13.6	13.6	13.6	13.6
62.5°	4.5	4.5	4.5	9.1	13.6	13.6	18.1	22.6	22.6	22.6	22.6
60°	45.3	49.8	54.3	54.3	49.8	49.8	54.3	54.3	54.3	54.3	54.3
57.5°	122.3	131.3	135.9	135.9	135.9	131.3	149.5	154.0	135.9	126.8	140.4
55°	425.7	439.3	430.3	416.7	389.5	357.8	348.7	344.2	348.7	326.1	289.9
52.5°	620.5	634.1	629.5	620.5	602.4	579.7	561.6	543.5	525.4	489.1	448.4
50°	806.2	810.7	806.2	797.1	779.0	756.3	720.1	679.4	643.1	634.1	597.8
47.5°	1014.5	1028.1	1028.1	1023.6	1010.0	969.2	914.9	856.0	828.8	819.8	783.5
45°	1200.2	1209.3	1213.8	1218.3	1213.8	1173.0	1123.2	1091.5	1032.6	1014.5	1014.5
42.5°	1250.0	1254.5	1259.1	1263.6	1277.2	1245.5	1204.7	1150.4	1136.8	1132.3	1123.2
40°	1268.1	1259.1	1263.6	1268.1	1272.7	1250.0	1218.3	1186.6	1177.5	1168.5	1168.5
37.5°	1440.2	1399.5	1367.8	1340.6	1317.9	1295.3	1263.6	1236.4	1213.8	1195.7	1213.8
35°	1227.4	1227.4	1259.1	1286.2	1313.4	1340.6	1345.1	1313.4	1263.6	1241.0	1272.7
32.5°	1254.5	1254.5	1254.5	1263.6	1272.7	1295.3	1317.9	1331.5	1367.8	1327.0	1327.0
30°	1281.7	1286.2	1295.3	1299.8	1286.2	1277.2	1268.1	1268.1	1290.8	1349.7	1381.4
27.5°	1440.2	1440.2	1426.6	1408.5	1367.8	1304.4	1272.7	1227.4	1231.9	1259.1	1336.1
25°	1698.4	1689.3	1657.6	1612.3	1539.9	1449.3	1363.2	1268.1	1227.4	1213.8	1245.5
22.5°	1943.0	1929.4	1888.6	1847.8	1789.0	1698.4	1553.5	1408.5	1281.7	1227.4	1213.8
20°	2255.5	2223.8	2178.5	2115.1	2020.0	1929.4	1802.6	1612.3	1426.6	1286.2	1231.9
17.5°	2758.2	2717.4	2631.4	2518.1	2355.1	2214.7	2033.5	1852.4	1644.0	1417.6	1295.3
15°	3858.7	3754.6	3605.1	3292.6	2971.0	2703.8	2432.1	2128.6	1915.8	1616.9	1431.2
12.5°	6068.9	5783.6	5348.8	4619.6	3899.5	3279.0	2839.7	2450.2	2106.0	1829.7	1567.0
10°	10271.9	9660.4	8460.2	6467.5	5140.5	3999.1	3211.1	2690.2	2255.5	1970.1	1680.3
7.5°	25978.6	21191.4	14995.6	10240.2	6725.6	4886.8	3673.0	2916.7	2414.0	2060.7	1770.9
5°	101251.1	83406.7	44493.3	18569.0	10117.9	5910.4	4089.7	3097.9	2518.1	2128.6	1838.8
2.5°	321339.7	277498.6	145590.4	39973.3	12423.1	6657.7	4375.0	3211.1	2577.0	2178.5	1888.6
0°	461572.2	395584.2	204327.5	52573.1	13473.9	6847.9	4465.6	3233.7	2586.1	2187.5	1888.6
-2.5°	422260.2	369560.3	197379.9	48922.7	13768.3	6902.3	4538.1	3310.7	2654.0	2228.3	1902.2
-5°	250904.1	220079.5	137687.2	34882.6	12232.9	6408.6	4347.9	3242.8	2608.7	2205.6	1893.1
-7.5°	66105.8	57228.9	37645.4	18202.2	7916.8	5421.3	3994.6	3129.6	2549.8	2164.9	1856.9
-10°	15937.7	15104.3	13492.0	8270.0	6164.0	4529.0	3541.7	2925.8	2432.1	2110.5	1798.0
-12.5°	7685.8	7504.6	6811.7	5616.0	4574.3	3763.6	3206.6	2712.9	2323.4	2015.4	1716.5
-15°	5000.1	4895.9	4660.4	4202.9	3673.0	3283.6	2894.1	2495.5	2187.5	1875.0	1648.6
-17.5°	3700.2	3695.7	3577.9	3405.8	3143.2	2853.3	2568.0	2314.3	2015.4	1748.2	1576.1
-20°	3066.2	3066.2	2998.2	2885.0	2699.3	2509.1	2318.9	2083.4	1838.8	1639.5	1567.0

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2604.2	2608.7	2572.5	2500.0	2400.4	2241.9	2056.2	1866.0	1689.3	1616.9	1594.2
-25°	2305.3	2296.2	2255.5	2187.5	2083.4	1956.5	1834.3	1707.4	1657.6	1639.5	1671.2
-27.5°	1952.0	1965.6	1947.5	1915.8	1847.8	1757.3	1730.1	1693.9	1702.9	1730.1	1852.4
-30°	1743.7	1757.3	1775.4	1789.0	1766.3	1743.7	1752.7	1779.9	1838.8	1943.0	1988.2
-32.5°	1743.7	1748.2	1775.4	1802.6	1816.1	1834.3	1884.1	1974.7	2060.7	2033.5	2024.5
-35°	1902.2	1888.6	1924.8	1961.1	2010.9	2074.3	2128.6	2110.5	2078.8	2069.8	2078.8
-37.5°	2355.1	2269.0	2232.8	2210.2	2196.6	2187.5	2173.9	2160.4	2146.8	2137.7	2151.3
-40°	2350.6	2327.9	2305.3	2287.2	2273.6	2255.5	2246.4	2241.9	2228.3	2219.2	2210.2
-42.5°	2341.5	2350.6	2350.6	2346.0	2350.6	2346.0	2332.5	2314.3	2291.7	2273.6	2255.5
-45°	2409.4	2414.0	2423.0	2432.1	2445.7	2427.6	2400.4	2368.7	2337.0	2309.8	2287.2
-47.5°	2450.2	2454.7	2463.8	2477.4	2486.4	2468.3	2432.1	2391.3	2341.5	2296.2	2250.9
-50°	2463.8	2477.4	2481.9	2481.9	2477.4	2454.7	2400.4	2341.5	2287.2	2241.9	2201.1
-52.5°	2400.4	2414.0	2418.5	2409.4	2404.9	2382.3	2332.5	2278.1	2219.2	2187.5	2151.3
-55°	2296.2	2314.3	2327.9	2327.9	2327.9	2323.4	2278.1	2228.3	2183.0	2146.8	2110.5
-57.5°	2255.5	2287.2	2314.3	2318.9	2323.4	2327.9	2296.2	2246.4	2192.1	2137.7	2092.4
-60°	2404.9	2432.1	2445.7	2427.6	2414.0	2400.4	2350.6	2291.7	2237.3	2183.0	2096.9
-62.5°	2364.2	2409.4	2432.1	2418.5	2400.4	2377.7	2323.4	2255.5	2192.1	2133.2	2047.1
-65°	2232.8	2273.6	2300.8	2278.1	2250.9	2219.2	2169.4	2106.0	2047.1	1988.2	1911.3
-67.5°	2010.9	2069.8	2115.1	2065.2	2029.0	1988.2	1947.5	1893.1	1834.3	1766.3	1693.9
-70°	1662.2	1707.4	1748.2	1734.6	1725.6	1716.5	1689.3	1635.0	1585.2	1530.8	1467.4
-72.5°	1336.1	1376.8	1413.1	1390.4	1372.3	1345.1	1304.4	1245.5	1186.6	1127.7	1068.9
-75°	738.2	751.8	765.4	760.9	760.9	760.9	760.9	765.4	756.3	742.8	715.6
-77.5°	566.1	584.2	597.8	606.9	620.5	638.6	652.2	629.5	606.9	584.2	557.1
-80°	443.8	462.0	475.5	525.4	561.6	602.4	629.5	597.8	566.1	539.0	516.3
-82.5°	335.1	348.7	362.3	389.5	407.6	430.3	448.4	448.4	443.8	439.3	425.7
-85°	244.6	262.7	280.8	289.9	303.4	303.4	308.0	289.9	271.7	258.2	240.0
-87.5°	140.4	144.9	144.9	144.9	149.5	149.5	149.5	140.4	135.9	126.8	122.3
-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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.5	4.5	9.1	9.1	13.6	13.6	18.1	18.1	22.6	22.6
85°	27.2	27.2	27.2	31.7	31.7	36.2	40.8	45.3	49.8	49.8	54.3
82.5°	45.3	49.8	54.3	58.9	63.4	67.9	72.5	77.0	90.6	99.6	104.2
80°	45.3	49.8	63.4	72.5	81.5	90.6	90.6	90.6	90.6	95.1	104.2
77.5°	31.7	36.2	40.8	49.8	72.5	90.6	104.2	113.2	104.2	99.6	90.6
75°	18.1	22.6	27.2	31.7	45.3	63.4	86.1	108.7	126.8	122.3	113.2
72.5°	18.1	18.1	22.6	27.2	31.7	36.2	40.8	63.4	90.6	113.2	126.8
70°	18.1	22.6	22.6	27.2	31.7	36.2	40.8	49.8	63.4	90.6	117.8
67.5°	18.1	22.6	22.6	31.7	40.8	45.3	49.8	45.3	40.8	58.9	86.1
65°	18.1	18.1	22.6	27.2	31.7	36.2	49.8	49.8	45.3	45.3	45.3
62.5°	27.2	27.2	27.2	27.2	31.7	31.7	31.7	40.8	40.8	40.8	40.8
60°	54.3	49.8	49.8	49.8	49.8	40.8	40.8	40.8	36.2	40.8	36.2
57.5°	131.3	108.7	99.6	99.6	86.1	81.5	67.9	49.8	49.8	40.8	40.8
55°	267.2	253.6	212.9	176.6	158.5	140.4	108.7	90.6	67.9	54.3	49.8
52.5°	412.1	375.9	339.7	294.4	249.1	212.9	181.2	140.4	113.2	81.5	63.4
50°	539.0	507.3	466.5	416.7	357.8	312.5	267.2	212.9	167.6	126.8	90.6
47.5°	733.7	670.3	620.5	561.6	493.7	430.3	371.4	308.0	235.5	185.7	140.4
45°	942.0	851.5	783.5	729.2	638.6	552.5	484.6	416.7	330.6	244.6	190.2
42.5°	1087.0	1019.0	928.5	856.0	774.5	683.9	593.3	520.8	430.3	330.6	244.6
40°	1164.0	1118.7	1046.2	982.8	896.7	797.1	702.0	629.5	534.4	425.7	308.0
37.5°	1222.8	1200.2	1164.0	1114.1	1032.6	914.9	819.8	733.7	652.2	525.4	398.6
35°	1290.8	1286.2	1263.6	1241.0	1173.0	1059.8	946.6	846.9	747.3	629.5	489.1
32.5°	1354.2	1349.7	1336.1	1327.0	1299.8	1200.2	1077.9	964.7	851.5	729.2	575.2
30°	1385.9	1376.8	1376.8	1385.9	1358.7	1295.3	1204.7	1082.4	955.6	810.7	665.8
27.5°	1385.9	1376.8	1381.4	1394.9	1390.4	1358.7	1290.8	1191.1	1050.7	887.7	747.3
25°	1327.0	1372.3	1372.3	1390.4	1394.9	1385.9	1349.7	1286.2	1141.3	969.2	810.7
22.5°	1245.5	1354.2	1394.9	1390.4	1394.9	1417.6	1422.1	1363.2	1227.4	1050.7	874.1
20°	1245.5	1322.5	1440.2	1408.5	1417.6	1467.4	1490.1	1440.2	1317.9	1127.7	937.5
17.5°	1272.7	1322.5	1422.1	1471.9	1485.5	1526.3	1562.5	1530.8	1399.5	1209.3	1023.6
15°	1349.7	1340.6	1408.5	1530.8	1553.5	1585.2	1625.9	1589.7	1471.9	1299.8	1105.1
12.5°	1404.0	1354.2	1408.5	1539.9	1612.3	1644.0	1657.6	1630.5	1535.3	1381.4	1186.6
10°	1476.5	1390.4	1417.6	1530.8	1635.0	1657.6	1671.2	1662.2	1594.2	1449.3	1259.1
7.5°	1530.8	1408.5	1408.5	1517.2	1657.6	1675.7	1684.8	1693.9	1644.0	1508.2	1322.5
5°	1553.5	1408.5	1399.5	1503.6	1680.3	1698.4	1698.4	1712.0	1680.3	1553.5	1367.8
2.5°	1558.0	1404.0	1390.4	1494.6	1721.0	1721.0	1712.0	1725.6	1707.4	1580.6	1399.5
0°	1580.6	1399.5	1385.9	1508.2	1766.3	1748.2	1725.6	1730.1	1721.0	1594.2	1417.6
-2.5°	1580.6	1422.1	1404.0	1517.2	1761.8	1757.3	1748.2	1752.7	1743.7	1635.0	1453.8
-5°	1603.3	1453.8	1435.7	1558.0	1757.3	1770.9	1775.4	1775.4	1761.8	1662.2	1476.5
-7.5°	1607.8	1476.5	1471.9	1598.7	1766.3	1789.0	1802.6	1811.6	1784.4	1680.3	1494.6
-10°	1585.2	1485.5	1508.2	1648.6	1775.4	1807.1	1834.3	1847.8	1802.6	1689.3	1503.6
-12.5°	1535.3	1485.5	1544.4	1712.0	1798.0	1834.3	1875.0	1879.6	1820.7	1693.9	1508.2
-15°	1530.8	1521.8	1607.8	1775.4	1811.6	1856.9	1920.3	1906.7	1834.3	1693.9	1508.2
-17.5°	1526.3	1571.6	1702.9	1798.0	1834.3	1884.1	1933.9	1920.3	1843.3	1693.9	1499.1
-20°	1567.0	1653.1	1816.1	1820.7	1861.4	1915.8	1943.0	1915.8	1829.7	1680.3	1485.5

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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1635.0	1798.0	1852.4	1870.5	1906.7	1947.5	1961.1	1920.3	1816.1	1657.6	1462.9
-25°	1807.1	1888.6	1888.6	1929.4	1965.6	1983.7	1970.1	1924.8	1798.0	1635.0	1440.2
-27.5°	1938.4	1933.9	1956.5	1997.3	2029.0	2029.0	1992.8	1902.2	1770.9	1612.3	1408.5
-30°	1988.2	1992.8	2024.5	2069.8	2078.8	2056.2	2001.8	1884.1	1748.2	1576.1	1367.8
-32.5°	2038.1	2056.2	2096.9	2119.6	2124.1	2078.8	1979.2	1852.4	1712.0	1535.3	1322.5
-35°	2096.9	2133.2	2155.8	2160.4	2137.7	2060.7	1947.5	1811.6	1657.6	1476.5	1281.7
-37.5°	2173.9	2192.1	2205.6	2187.5	2124.1	2033.5	1893.1	1757.3	1607.8	1413.1	1222.8
-40°	2223.8	2232.8	2237.3	2178.5	2101.5	1970.1	1834.3	1693.9	1521.8	1340.6	1159.4
-42.5°	2255.5	2246.4	2210.2	2146.8	2033.5	1906.7	1775.4	1616.9	1444.8	1268.1	1091.5
-45°	2246.4	2214.7	2160.4	2083.4	1965.6	1838.8	1684.8	1526.3	1363.2	1191.1	1014.5
-47.5°	2210.2	2160.4	2092.4	2001.8	1893.1	1739.2	1585.2	1431.2	1272.7	1105.1	942.0
-50°	2164.9	2106.0	2024.5	1911.3	1766.3	1625.9	1485.5	1336.1	1173.0	1019.0	874.1
-52.5°	2115.1	2051.7	1947.5	1820.7	1662.2	1517.2	1381.4	1236.4	1087.0	942.0	815.2
-55°	2060.7	1997.3	1879.6	1734.6	1576.1	1417.6	1286.2	1164.0	1019.0	878.6	765.4
-57.5°	2033.5	1952.0	1829.7	1684.8	1517.2	1354.2	1241.0	1109.6	978.3	833.3	724.6
-60°	2010.9	1929.4	1816.1	1648.6	1490.1	1336.1	1204.7	1077.9	937.5	801.6	692.9
-62.5°	1947.5	1861.4	1757.3	1594.2	1440.2	1299.8	1182.1	1032.6	896.7	769.9	670.3
-65°	1820.7	1730.1	1639.5	1494.6	1354.2	1222.8	1105.1	969.2	842.4	733.7	647.7
-67.5°	1621.4	1544.4	1462.9	1340.6	1222.8	1105.1	996.4	878.6	774.5	697.5	652.2
-70°	1399.5	1317.9	1236.4	1136.8	1037.1	942.0	856.0	769.9	702.0	661.2	625.0
-72.5°	1019.0	982.8	942.0	865.0	783.5	724.6	683.9	647.7	597.8	561.6	539.0
-75°	679.4	629.5	566.1	539.0	543.5	534.4	511.8	484.6	462.0	448.4	416.7
-77.5°	529.9	502.7	471.0	439.3	425.7	412.1	394.0	371.4	353.3	321.6	276.3
-80°	489.1	466.5	443.8	421.2	398.6	366.9	330.6	294.4	276.3	262.7	258.2
-82.5°	403.1	375.9	348.7	326.1	294.4	271.7	249.1	231.0	231.0	226.5	221.9
-85°	231.0	221.9	208.3	199.3	190.2	176.6	163.0	154.0	149.5	144.9	140.4
-87.5°	117.8	113.2	104.2	99.6	95.1	90.6	81.5	77.0	72.5	72.5	67.9
-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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CATALOG NUMBER: IFLD-L-SA8B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.6	22.6	18.1	18.1	18.1	13.6	9.1	9.1	4.5	4.5	0.0
85°	54.3	45.3	40.8	36.2	36.2	27.2	18.1	13.6	9.1	4.5	4.5
82.5°	104.2	90.6	77.0	67.9	54.3	40.8	31.7	22.6	13.6	9.1	4.5
80°	117.8	117.8	113.2	95.1	77.0	58.9	40.8	27.2	18.1	13.6	9.1
77.5°	90.6	99.6	99.6	99.6	95.1	72.5	49.8	31.7	18.1	13.6	9.1
75°	104.2	90.6	86.1	90.6	86.1	72.5	58.9	36.2	22.6	18.1	9.1
72.5°	126.8	108.7	95.1	90.6	81.5	67.9	54.3	40.8	22.6	18.1	13.6
70°	117.8	113.2	104.2	95.1	81.5	67.9	54.3	40.8	27.2	18.1	13.6
67.5°	104.2	104.2	104.2	95.1	81.5	63.4	49.8	36.2	27.2	18.1	13.6
65°	72.5	86.1	95.1	90.6	81.5	63.4	49.8	36.2	27.2	22.6	13.6
62.5°	45.3	58.9	77.0	86.1	77.0	63.4	45.3	36.2	27.2	22.6	13.6
60°	40.8	45.3	54.3	67.9	72.5	58.9	45.3	31.7	27.2	22.6	13.6
57.5°	40.8	40.8	45.3	54.3	58.9	54.3	40.8	27.2	27.2	22.6	18.1
55°	45.3	40.8	40.8	45.3	49.8	49.8	40.8	27.2	27.2	22.6	18.1
52.5°	54.3	45.3	40.8	40.8	40.8	45.3	36.2	27.2	27.2	22.6	18.1
50°	67.9	54.3	49.8	40.8	40.8	40.8	36.2	27.2	22.6	22.6	18.1
47.5°	90.6	72.5	54.3	49.8	40.8	36.2	31.7	27.2	22.6	22.6	18.1
45°	135.9	86.1	72.5	54.3	45.3	40.8	36.2	27.2	22.6	22.6	18.1
42.5°	185.7	126.8	90.6	63.4	49.8	40.8	36.2	31.7	22.6	22.6	18.1
40°	235.5	172.1	113.2	81.5	58.9	45.3	36.2	31.7	27.2	22.6	18.1
37.5°	289.9	212.9	149.5	104.2	67.9	49.8	40.8	31.7	27.2	22.6	18.1
35°	357.8	267.2	185.7	126.8	81.5	58.9	45.3	31.7	27.2	22.6	18.1
32.5°	434.8	317.0	221.9	154.0	104.2	72.5	49.8	36.2	27.2	22.6	18.1
30°	507.3	375.9	262.7	185.7	126.8	81.5	54.3	36.2	27.2	22.6	13.6
27.5°	579.7	434.8	312.5	217.4	154.0	95.1	58.9	40.8	27.2	22.6	18.1
25°	652.2	493.7	362.3	249.1	176.6	113.2	72.5	45.3	27.2	22.6	18.1
22.5°	715.6	552.5	407.6	285.3	203.8	131.3	81.5	49.8	31.7	22.6	18.1
20°	788.1	615.9	457.4	326.1	226.5	149.5	90.6	54.3	31.7	22.6	18.1
17.5°	856.0	679.4	507.3	362.3	253.6	167.6	104.2	58.9	36.2	22.6	18.1
15°	923.9	738.2	552.5	398.6	280.8	185.7	113.2	63.4	40.8	22.6	18.1
12.5°	987.3	792.6	593.3	430.3	303.4	203.8	122.3	67.9	45.3	22.6	18.1
10°	1046.2	842.4	634.1	457.4	326.1	217.4	131.3	77.0	49.8	22.6	18.1
7.5°	1105.1	883.2	665.8	484.6	353.3	235.5	140.4	81.5	54.3	27.2	18.1
5°	1141.3	919.4	692.9	507.3	375.9	253.6	149.5	86.1	58.9	27.2	18.1
2.5°	1173.0	946.6	711.1	529.9	398.6	267.2	149.5	90.6	63.4	27.2	18.1
0°	1191.1	964.7	724.6	543.5	416.7	276.3	154.0	95.1	67.9	27.2	18.1
-2.5°	1231.9	996.4	756.3	561.6	434.8	303.4	163.0	99.6	72.5	31.7	18.1
-5°	1259.1	1014.5	779.0	579.7	448.4	330.6	176.6	108.7	81.5	40.8	22.6
-7.5°	1281.7	1032.6	797.1	588.8	462.0	339.7	181.2	113.2	86.1	45.3	22.6
-10°	1286.2	1041.7	810.7	602.4	471.0	353.3	185.7	117.8	90.6	49.8	22.6
-12.5°	1290.8	1050.7	815.2	611.4	480.1	362.3	190.2	122.3	95.1	54.3	22.6
-15°	1286.2	1046.2	815.2	620.5	484.6	353.3	199.3	126.8	99.6	58.9	22.6
-17.5°	1277.2	1041.7	810.7	615.9	480.1	344.2	203.8	135.9	99.6	63.4	27.2
-20°	1263.6	1028.1	801.6	611.4	475.5	335.1	208.3	140.4	104.2	63.4	27.2

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CATALOG NUMBER: IFLD-L-SA8B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1241.0	1005.4	783.5	597.8	466.5	326.1	208.3	149.5	108.7	63.4	27.2
-25°	1213.8	982.8	765.4	579.7	452.9	312.5	208.3	154.0	113.2	63.4	27.2
-27.5°	1182.1	960.2	738.2	566.1	434.8	303.4	208.3	158.5	117.8	63.4	27.2
-30°	1145.8	928.5	715.6	543.5	421.2	303.4	212.9	163.0	122.3	63.4	27.2
-32.5°	1109.6	896.7	688.4	525.4	403.1	298.9	212.9	167.6	126.8	58.9	31.7
-35°	1068.9	860.5	665.8	511.8	389.5	289.9	217.4	167.6	122.3	58.9	31.7
-37.5°	1019.0	815.2	643.1	498.2	380.4	280.8	217.4	172.1	117.8	58.9	31.7
-40°	964.7	779.0	615.9	480.1	366.9	276.3	217.4	172.1	113.2	58.9	36.2
-42.5°	905.8	738.2	588.8	462.0	353.3	271.7	217.4	172.1	108.7	58.9	36.2
-45°	851.5	697.5	557.1	439.3	339.7	271.7	217.4	167.6	99.6	63.4	36.2
-47.5°	792.6	652.2	520.8	416.7	335.1	267.2	212.9	158.5	90.6	63.4	36.2
-50°	742.8	606.9	493.7	394.0	326.1	271.7	217.4	144.9	90.6	63.4	36.2
-52.5°	692.9	575.2	462.0	385.0	317.0	276.3	212.9	135.9	90.6	63.4	36.2
-55°	652.2	543.5	443.8	371.4	326.1	285.3	203.8	122.3	90.6	63.4	36.2
-57.5°	620.5	525.4	430.3	375.9	339.7	276.3	190.2	117.8	90.6	58.9	36.2
-60°	597.8	507.3	434.8	394.0	344.2	262.7	181.2	117.8	90.6	58.9	31.7
-62.5°	579.7	511.8	457.4	407.6	326.1	244.6	172.1	117.8	81.5	54.3	31.7
-65°	584.2	529.9	466.5	389.5	312.5	226.5	158.5	113.2	77.0	49.8	31.7
-67.5°	597.8	516.3	439.3	366.9	280.8	203.8	144.9	104.2	72.5	49.8	31.7
-70°	552.5	475.5	398.6	312.5	240.0	176.6	135.9	95.1	63.4	45.3	31.7
-72.5°	498.2	398.6	317.0	253.6	203.8	163.0	122.3	86.1	58.9	40.8	27.2
-75°	362.3	289.9	235.5	212.9	181.2	144.9	108.7	77.0	54.3	40.8	27.2
-77.5°	258.2	240.0	217.4	194.7	163.0	126.8	95.1	72.5	49.8	36.2	22.6
-80°	253.6	231.0	203.8	167.6	135.9	108.7	81.5	63.4	45.3	31.7	18.1
-82.5°	212.9	181.2	154.0	126.8	104.2	86.1	67.9	49.8	36.2	22.6	13.6
-85°	131.3	113.2	99.6	86.1	72.5	58.9	45.3	31.7	22.6	13.6	9.1
-87.5°	63.4	58.9	49.8	40.8	36.2	27.2	22.6	18.1	13.6	9.1	4.5
-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: IFLD-L-SA8B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	4.5	0.0	0.0	0.0
80°	4.5	0.0	0.0	0.0
77.5°	4.5	0.0	0.0	0.0
75°	4.5	4.5	0.0	0.0
72.5°	4.5	4.5	0.0	0.0
70°	9.1	4.5	4.5	0.0
67.5°	9.1	4.5	4.5	0.0
65°	9.1	4.5	4.5	0.0
62.5°	9.1	4.5	4.5	0.0
60°	9.1	4.5	4.5	0.0
57.5°	9.1	4.5	4.5	0.0
55°	9.1	4.5	4.5	0.0
52.5°	9.1	4.5	4.5	0.0
50°	9.1	4.5	4.5	0.0
47.5°	9.1	9.1	4.5	0.0
45°	9.1	9.1	4.5	0.0
42.5°	9.1	9.1	4.5	0.0
40°	9.1	9.1	4.5	0.0
37.5°	9.1	9.1	4.5	0.0
35°	9.1	9.1	4.5	0.0
32.5°	13.6	9.1	4.5	0.0
30°	13.6	9.1	9.1	0.0
27.5°	13.6	9.1	9.1	0.0
25°	13.6	9.1	9.1	0.0
22.5°	13.6	9.1	9.1	0.0
20°	13.6	9.1	9.1	0.0
17.5°	13.6	9.1	9.1	0.0
15°	13.6	9.1	9.1	0.0
12.5°	13.6	9.1	9.1	0.0
10°	13.6	9.1	9.1	0.0
7.5°	13.6	9.1	9.1	0.0
5°	13.6	9.1	9.1	0.0
2.5°	13.6	9.1	9.1	0.0
0°	13.6	9.1	9.1	0.0
-2.5°	13.6	9.1	9.1	0.0
-5°	13.6	9.1	9.1	0.0
-7.5°	13.6	9.1	9.1	0.0
-10°	13.6	9.1	9.1	0.0
-12.5°	18.1	9.1	9.1	0.0
-15°	18.1	9.1	9.1	0.0
-17.5°	18.1	9.1	9.1	0.0
-20°	18.1	9.1	9.1	0.0



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CATALOG NUMBER: IFLD-L-SA8B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	18.1	9.1	9.1	0.0
-25°	18.1	9.1	9.1	0.0
-27.5°	18.1	9.1	9.1	0.0
-30°	18.1	9.1	9.1	0.0
-32.5°	18.1	9.1	9.1	0.0
-35°	18.1	9.1	9.1	0.0
-37.5°	18.1	9.1	9.1	0.0
-40°	18.1	9.1	9.1	0.0
-42.5°	13.6	9.1	4.5	0.0
-45°	18.1	9.1	4.5	0.0
-47.5°	18.1	9.1	4.5	0.0
-50°	18.1	9.1	4.5	0.0
-52.5°	18.1	9.1	4.5	0.0
-55°	18.1	9.1	4.5	0.0
-57.5°	18.1	9.1	4.5	0.0
-60°	18.1	9.1	4.5	0.0
-62.5°	18.1	9.1	4.5	0.0
-65°	18.1	9.1	4.5	0.0
-67.5°	18.1	9.1	4.5	0.0
-70°	18.1	4.5	4.5	0.0
-72.5°	13.6	4.5	4.5	0.0
-75°	13.6	4.5	4.5	0.0
-77.5°	9.1	4.5	0.0	0.0
-80°	9.1	4.5	0.0	0.0
-82.5°	9.1	4.5	0.0	0.0
-85°	4.5	0.0	0.0	0.0
-87.5°	4.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)