

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: P723708

Luminaire Tested: **IFLD-M-SA4C-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723708
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14845.2 lumens	Max Intensity:	349255.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	68.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	5383.5 lumens	Field Lumens:	8582.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

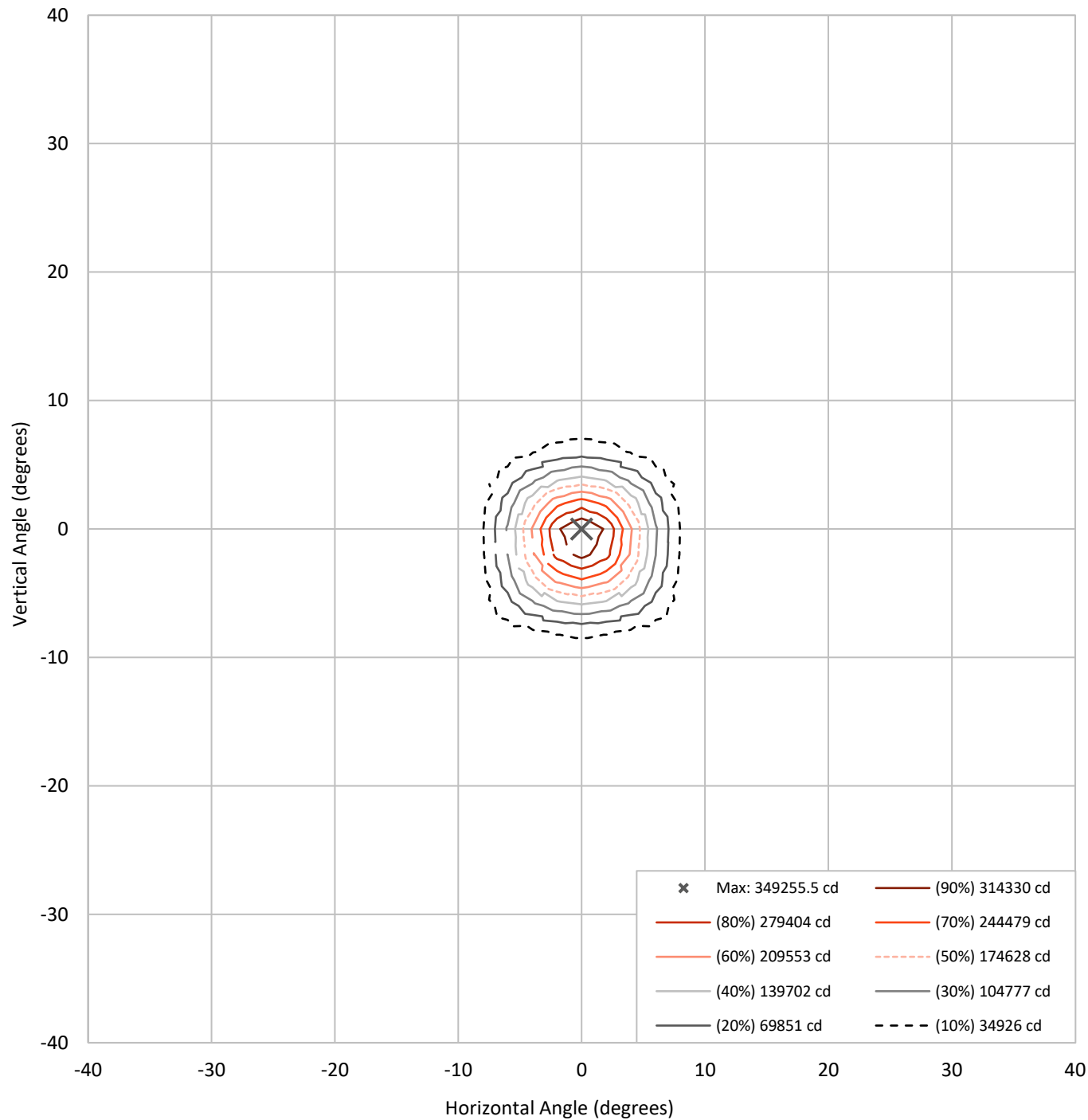
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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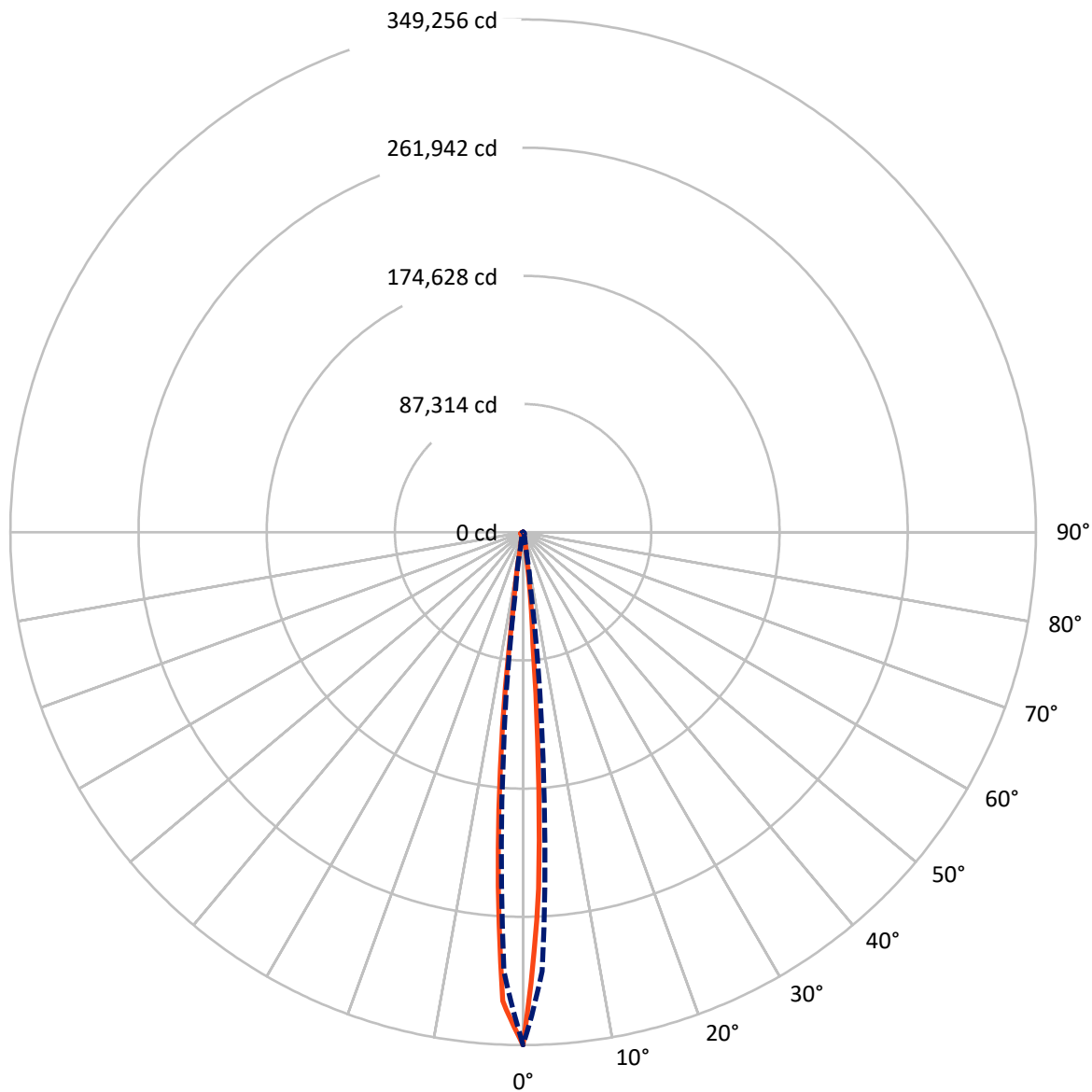
Lumen Table

Vertical Angle (degrees)																
	0.2	3.3		3.6		1.4		0.4		1.4		3.6		3.3		0.2
90																
80	0.2	3.3		3.6		1.4		0.4		1.4		3.6		3.3		0.2
70																
60	0.4	0.7	0.9	0.7	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.7	0.9	0.7	0.4
50		0.5	0.7	1.7	3.8	6.3	8.0	9.2	9.2	8.0	6.3	3.8	1.7	0.7	0.5	
40	0.4	0.5	2.0	6.8	13.3	19.5	23.4	26.0	26.0	23.4	19.5	13.3	6.8	2.0	0.5	0.4
30		1.0	5.1	13.9	22.6	26.5	28.6	29.6	29.6	28.6	26.5	22.6	13.9	5.1	1.0	
20	0.6	1.9	8.8	20.2	26.2	26.9	31.8	38.3	38.3	31.8	26.9	26.2	20.2	8.8	1.9	0.6
10		3.0	12.3	24.8	27.9	31.5	55.3	94.2	94.2	55.3	31.5	27.9	24.8	12.3	3.0	
0	1.0	3.9	15.1	27.3	28.9	38.8	105.2	1948.8	1948.8	105.2	38.8	28.9	27.3	15.1	3.9	1.0
-10		4.6	16.6	28.7	30.0	40.2	113.3	2841.5	2841.5	113.3	40.2	30.0	28.7	16.6	4.6	
-20	1.4	4.9	17.0	30.2	32.5	36.2	65.9	126.4	126.4	65.9	36.2	32.5	30.2	17.0	4.9	1.4
-30		4.6	16.2	30.6	36.4	36.5	42.6	52.0	52.0	42.6	36.5	36.4	30.6	16.2	4.6	
-40	1.6	4.1	14.3	29.2	40.1	43.7	45.5	45.8	45.8	45.5	43.7	40.1	29.2	14.3	4.1	1.6
-50		3.6	11.5	24.8	38.6	47.0	52.7	55.2	55.2	52.7	47.0	38.6	24.8	11.5	3.6	
-60	1.2	3.3	8.9	19.2	33.0	44.3	51.4	54.4	54.4	51.4	44.3	33.0	19.2	8.9	3.3	1.2
-70		3.0	7.8	15.7	27.5	38.7	46.8	50.6	50.6	46.8	38.7	27.5	15.7	7.8	3.0	
-80	0.6	9.2		27.3		50.7		55.9		50.7		27.3		9.2		0.6
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot



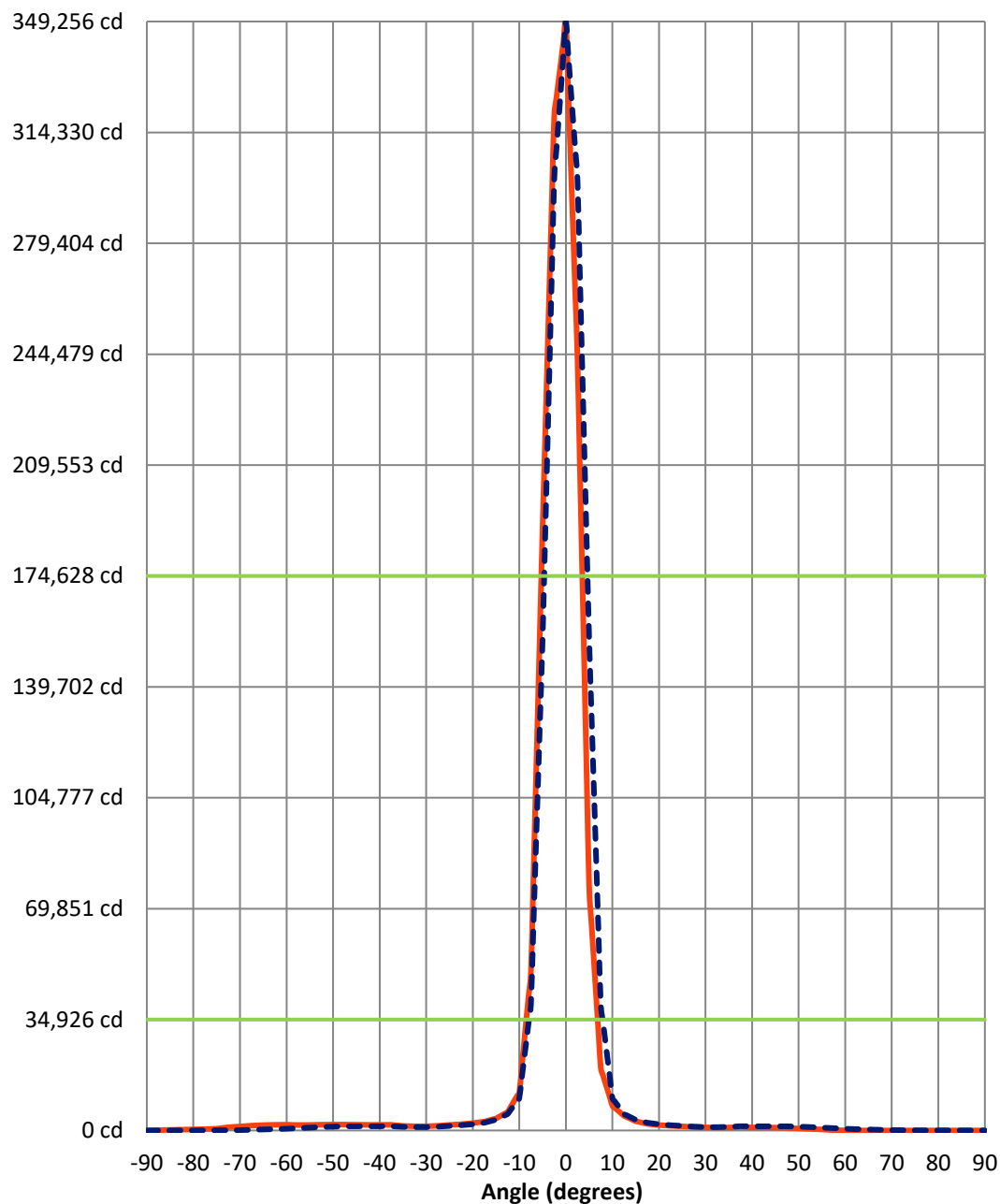
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5383.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8582.3

Efficiency: 57.8%

Spill:

Lumens: 6262.9

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	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	0.0	3.4	3.4	6.9	6.9	6.9	10.3	13.7	17.1	17.1	20.6
82.5°	0.0	3.4	3.4	6.9	6.9	10.3	10.3	17.1	20.6	24.0	30.8
80°	3.4	3.4	3.4	6.9	6.9	10.3	10.3	13.7	17.1	24.0	27.4
77.5°	0.0	3.4	3.4	3.4	6.9	6.9	6.9	10.3	13.7	17.1	20.6
75°	0.0	3.4	3.4	3.4	6.9	6.9	6.9	6.9	10.3	10.3	13.7
72.5°	0.0	0.0	0.0	3.4	3.4	6.9	6.9	6.9	10.3	10.3	10.3
70°	0.0	0.0	0.0	3.4	3.4	6.9	6.9	6.9	10.3	10.3	10.3
67.5°	0.0	0.0	0.0	3.4	3.4	6.9	6.9	6.9	10.3	10.3	10.3
65°	0.0	0.0	0.0	3.4	3.4	6.9	6.9	10.3	10.3	10.3	10.3
62.5°	3.4	3.4	3.4	6.9	10.3	10.3	13.7	17.1	17.1	17.1	17.1
60°	34.3	37.7	41.1	41.1	37.7	37.7	41.1	41.1	41.1	41.1	41.1
57.5°	92.5	99.4	102.8	102.8	102.8	99.4	113.1	116.5	102.8	96.0	106.2
55°	322.1	332.4	325.6	315.3	294.7	270.7	263.9	260.4	263.9	246.7	219.3
52.5°	469.5	479.8	476.3	469.5	455.8	438.7	424.9	411.2	397.5	370.1	339.3
50°	610.0	613.4	610.0	603.1	589.4	572.3	544.9	514.0	486.6	479.8	452.4
47.5°	767.6	777.9	777.9	774.5	764.2	733.4	692.2	647.7	627.1	620.3	592.9
45°	908.1	915.0	918.4	921.9	918.4	887.6	849.9	825.9	781.3	767.6	767.6
42.5°	945.8	949.3	952.7	956.1	966.4	942.4	911.6	870.4	860.2	856.7	849.9
40°	959.5	952.7	956.1	959.5	963.0	945.8	921.9	897.9	891.0	884.2	884.2
37.5°	1089.8	1058.9	1034.9	1014.4	997.2	980.1	956.1	935.6	918.4	904.7	918.4
35°	928.7	928.7	952.7	973.3	993.8	1014.4	1017.8	993.8	956.1	939.0	963.0
32.5°	949.3	949.3	949.3	956.1	963.0	980.1	997.2	1007.5	1034.9	1004.1	1004.1
30°	969.8	973.3	980.1	983.5	973.3	966.4	959.5	959.5	976.7	1021.2	1045.2
27.5°	1089.8	1089.8	1079.5	1065.8	1034.9	987.0	963.0	928.7	932.1	952.7	1011.0
25°	1285.1	1278.3	1254.3	1220.0	1165.2	1096.6	1031.5	959.5	928.7	918.4	942.4
22.5°	1470.2	1459.9	1429.0	1398.2	1353.7	1285.1	1175.4	1065.8	969.8	928.7	918.4
20°	1706.6	1682.6	1648.4	1600.4	1528.4	1459.9	1363.9	1220.0	1079.5	973.3	932.1
17.5°	2087.0	2056.2	1991.1	1905.4	1782.0	1675.8	1538.7	1401.6	1244.0	1072.6	980.1
15°	2919.8	2841.0	2727.9	2491.4	2248.1	2045.9	1840.3	1610.7	1449.6	1223.4	1082.9
12.5°	4592.1	4376.2	4047.2	3495.5	2950.6	2481.1	2148.7	1854.0	1593.5	1384.5	1185.7
10°	7772.4	7309.7	6401.6	4893.7	3889.6	3026.0	2429.7	2035.6	1706.6	1490.7	1271.4
7.5°	19657.1	16034.8	11346.7	7748.4	5089.0	3697.7	2779.3	2207.0	1826.6	1559.3	1339.9
5°	76613.2	63110.9	33666.5	14050.5	7655.8	4472.2	3094.5	2344.0	1905.4	1610.7	1391.3
2.5°	243146.4	209973.4	110163.2	30246.4	9400.2	5037.6	3310.4	2429.7	1949.9	1648.4	1429.0
0°	349255.5	299324.7	154607.4	39780.2	10195.2	5181.6	3379.0	2446.9	1956.8	1655.2	1429.0
-2.5°	319509.5	279633.3	149350.5	37018.1	10418.0	5222.7	3433.8	2505.1	2008.2	1686.1	1439.3
-5°	189850.3	166526.4	104183.1	26394.5	9256.2	4849.2	3289.9	2453.7	1973.9	1668.9	1432.5
-7.5°	50020.0	43303.1	28484.9	13773.0	5990.3	4102.1	3022.6	2368.0	1929.4	1638.1	1405.1
-10°	12059.5	11428.9	10208.9	6257.6	4664.1	3427.0	2679.9	2213.8	1840.3	1597.0	1360.5
-12.5°	5815.6	5678.5	5154.2	4249.4	3461.2	2847.8	2426.3	2052.8	1758.0	1525.0	1298.8
-15°	3783.4	3704.5	3526.3	3180.2	2779.3	2484.5	2189.8	1888.3	1655.2	1418.8	1247.4
-17.5°	2799.8	2796.4	2707.3	2577.1	2378.3	2159.0	1943.1	1751.2	1525.0	1322.8	1192.6
-20°	2320.1	2320.1	2268.6	2183.0	2042.5	1898.5	1754.6	1576.4	1391.3	1240.6	1185.7

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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°	1970.5	1973.9	1946.5	1891.7	1816.3	1696.3	1555.8	1411.9	1278.3	1223.4	1206.3
-25°	1744.3	1737.5	1706.6	1655.2	1576.4	1480.4	1387.9	1292.0	1254.3	1240.6	1264.5
-27.5°	1477.0	1487.3	1473.6	1449.6	1398.2	1329.7	1309.1	1281.7	1288.5	1309.1	1401.6
-30°	1319.4	1329.7	1343.4	1353.7	1336.5	1319.4	1326.2	1346.8	1391.3	1470.2	1504.4
-32.5°	1319.4	1322.8	1343.4	1363.9	1374.2	1387.9	1425.6	1494.2	1559.3	1538.7	1531.9
-35°	1439.3	1429.0	1456.5	1483.9	1521.6	1569.5	1610.7	1597.0	1573.0	1566.1	1573.0
-37.5°	1782.0	1716.9	1689.5	1672.4	1662.1	1655.2	1644.9	1634.7	1624.4	1617.5	1627.8
-40°	1778.6	1761.5	1744.3	1730.6	1720.3	1706.6	1699.8	1696.3	1686.1	1679.2	1672.4
-42.5°	1771.7	1778.6	1778.6	1775.2	1778.6	1775.2	1764.9	1751.2	1734.0	1720.3	1706.6
-45°	1823.1	1826.6	1833.4	1840.3	1850.6	1836.9	1816.3	1792.3	1768.3	1747.8	1730.6
-47.5°	1854.0	1857.4	1864.3	1874.5	1881.4	1867.7	1840.3	1809.4	1771.7	1737.5	1703.2
-50°	1864.3	1874.5	1878.0	1878.0	1874.5	1857.4	1816.3	1771.7	1730.6	1696.3	1665.5
-52.5°	1816.3	1826.6	1830.0	1823.1	1819.7	1802.6	1764.9	1723.8	1679.2	1655.2	1627.8
-55°	1737.5	1751.2	1761.5	1761.5	1761.5	1758.0	1723.8	1686.1	1651.8	1624.4	1597.0
-57.5°	1706.6	1730.6	1751.2	1754.6	1758.0	1761.5	1737.5	1699.8	1658.7	1617.5	1583.3
-60°	1819.7	1840.3	1850.6	1836.9	1826.6	1816.3	1778.6	1734.0	1692.9	1651.8	1586.7
-62.5°	1788.9	1823.1	1840.3	1830.0	1816.3	1799.2	1758.0	1706.6	1658.7	1614.1	1549.0
-65°	1689.5	1720.3	1740.9	1723.8	1703.2	1679.2	1641.5	1593.5	1549.0	1504.4	1446.2
-67.5°	1521.6	1566.1	1600.4	1562.7	1535.3	1504.4	1473.6	1432.5	1387.9	1336.5	1281.7
-70°	1257.7	1292.0	1322.8	1312.5	1305.7	1298.8	1278.3	1237.1	1199.4	1158.3	1110.3
-72.5°	1011.0	1041.8	1069.2	1052.1	1038.4	1017.8	987.0	942.4	897.9	853.3	808.8
-75°	558.6	568.9	579.2	575.7	575.7	575.7	575.7	579.2	572.3	562.0	541.5
-77.5°	428.4	442.1	452.4	459.2	469.5	483.2	493.5	476.3	459.2	442.1	421.5
-80°	335.8	349.6	359.8	397.5	424.9	455.8	476.3	452.4	428.4	407.8	390.7
-82.5°	253.6	263.9	274.2	294.7	308.4	325.6	339.3	339.3	335.8	332.4	322.1
-85°	185.1	198.8	212.5	219.3	229.6	229.6	233.0	219.3	205.6	195.3	181.6
-87.5°	106.2	109.7	109.7	109.7	113.1	113.1	113.1	106.2	102.8	96.0	92.5
-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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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°	3.4	3.4	3.4	6.9	6.9	10.3	10.3	13.7	13.7	17.1	17.1
85°	20.6	20.6	20.6	24.0	24.0	27.4	30.8	34.3	37.7	37.7	41.1
82.5°	34.3	37.7	41.1	44.6	48.0	51.4	54.8	58.3	68.5	75.4	78.8
80°	34.3	37.7	48.0	54.8	61.7	68.5	68.5	68.5	68.5	72.0	78.8
77.5°	24.0	27.4	30.8	37.7	54.8	68.5	78.8	85.7	78.8	75.4	68.5
75°	13.7	17.1	20.6	24.0	34.3	48.0	65.1	82.2	96.0	92.5	85.7
72.5°	13.7	13.7	17.1	20.6	24.0	27.4	30.8	48.0	68.5	85.7	96.0
70°	13.7	17.1	17.1	20.6	24.0	27.4	30.8	37.7	48.0	68.5	89.1
67.5°	13.7	17.1	17.1	24.0	30.8	34.3	37.7	34.3	30.8	44.6	65.1
65°	13.7	13.7	17.1	20.6	24.0	27.4	37.7	37.7	34.3	34.3	34.3
62.5°	20.6	20.6	20.6	20.6	24.0	24.0	24.0	30.8	30.8	30.8	30.8
60°	41.1	37.7	37.7	37.7	37.7	30.8	30.8	30.8	27.4	30.8	27.4
57.5°	99.4	82.2	75.4	75.4	65.1	61.7	51.4	37.7	37.7	30.8	30.8
55°	202.2	191.9	161.1	133.7	119.9	106.2	82.2	68.5	51.4	41.1	37.7
52.5°	311.9	284.4	257.0	222.8	188.5	161.1	137.1	106.2	85.7	61.7	48.0
50°	407.8	383.8	353.0	315.3	270.7	236.5	202.2	161.1	126.8	96.0	68.5
47.5°	555.2	507.2	469.5	424.9	373.5	325.6	281.0	233.0	178.2	140.5	106.2
45°	712.8	644.3	592.9	551.7	483.2	418.1	366.7	315.3	250.2	185.1	143.9
42.5°	822.5	771.1	702.5	647.7	586.0	517.5	448.9	394.1	325.6	250.2	185.1
40°	880.7	846.5	791.6	743.7	678.5	603.1	531.2	476.3	404.4	322.1	233.0
37.5°	925.3	908.1	880.7	843.0	781.3	692.2	620.3	555.2	493.5	397.5	301.6
35°	976.7	973.3	956.1	939.0	887.6	801.9	716.2	640.8	565.4	476.3	370.1
32.5°	1024.7	1021.2	1011.0	1004.1	983.5	908.1	815.6	729.9	644.3	551.7	435.2
30°	1048.7	1041.8	1041.8	1048.7	1028.1	980.1	911.6	819.0	723.1	613.4	503.8
27.5°	1048.7	1041.8	1045.2	1055.5	1052.1	1028.1	976.7	901.3	795.1	671.7	565.4
25°	1004.1	1038.4	1038.4	1052.1	1055.5	1048.7	1021.2	973.3	863.6	733.4	613.4
22.5°	942.4	1024.7	1055.5	1052.1	1055.5	1072.6	1076.1	1031.5	928.7	795.1	661.4
20°	942.4	1000.7	1089.8	1065.8	1072.6	1110.3	1127.5	1089.8	997.2	853.3	709.4
17.5°	963.0	1000.7	1076.1	1113.8	1124.0	1154.9	1182.3	1158.3	1058.9	915.0	774.5
15°	1021.2	1014.4	1065.8	1158.3	1175.4	1199.4	1230.3	1202.9	1113.8	983.5	836.2
12.5°	1062.4	1024.7	1065.8	1165.2	1220.0	1244.0	1254.3	1233.7	1161.7	1045.2	897.9
10°	1117.2	1052.1	1072.6	1158.3	1237.1	1254.3	1264.5	1257.7	1206.3	1096.6	952.7
7.5°	1158.3	1065.8	1065.8	1148.0	1254.3	1268.0	1274.8	1281.7	1244.0	1141.2	1000.7
5°	1175.4	1065.8	1058.9	1137.8	1271.4	1285.1	1285.1	1295.4	1271.4	1175.4	1034.9
2.5°	1178.9	1062.4	1052.1	1130.9	1302.2	1302.2	1295.4	1305.7	1292.0	1196.0	1058.9
0°	1196.0	1058.9	1048.7	1141.2	1336.5	1322.8	1305.7	1309.1	1302.2	1206.3	1072.6
-2.5°	1196.0	1076.1	1062.4	1148.0	1333.1	1329.7	1322.8	1326.2	1319.4	1237.1	1100.1
-5°	1213.1	1100.1	1086.3	1178.9	1329.7	1339.9	1343.4	1343.4	1333.1	1257.7	1117.2
-7.5°	1216.6	1117.2	1113.8	1209.7	1336.5	1353.7	1363.9	1370.8	1350.2	1271.4	1130.9
-10°	1199.4	1124.0	1141.2	1247.4	1343.4	1367.4	1387.9	1398.2	1363.9	1278.3	1137.8
-12.5°	1161.7	1124.0	1168.6	1295.4	1360.5	1387.9	1418.8	1422.2	1377.6	1281.7	1141.2
-15°	1158.3	1151.5	1216.6	1343.4	1370.8	1405.1	1453.0	1442.8	1387.9	1281.7	1141.2
-17.5°	1154.9	1189.2	1288.5	1360.5	1387.9	1425.6	1463.3	1453.0	1394.8	1281.7	1134.3
-20°	1185.7	1250.8	1374.2	1377.6	1408.5	1449.6	1470.2	1449.6	1384.5	1271.4	1124.0

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CATALOG NUMBER: IFLD-M-SA4C-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1237.1	1360.5	1401.6	1415.3	1442.8	1473.6	1483.9	1453.0	1374.2	1254.3	1106.9
-25°	1367.4	1429.0	1429.0	1459.9	1487.3	1501.0	1490.7	1456.5	1360.5	1237.1	1089.8
-27.5°	1466.7	1463.3	1480.4	1511.3	1535.3	1535.3	1507.9	1439.3	1339.9	1220.0	1065.8
-30°	1504.4	1507.9	1531.9	1566.1	1573.0	1555.8	1514.7	1425.6	1322.8	1192.6	1034.9
-32.5°	1542.1	1555.8	1586.7	1603.8	1607.2	1573.0	1497.6	1401.6	1295.4	1161.7	1000.7
-35°	1586.7	1614.1	1631.2	1634.7	1617.5	1559.3	1473.6	1370.8	1254.3	1117.2	969.8
-37.5°	1644.9	1658.7	1668.9	1655.2	1607.2	1538.7	1432.5	1329.7	1216.6	1069.2	925.3
-40°	1682.6	1689.5	1692.9	1648.4	1590.1	1490.7	1387.9	1281.7	1151.5	1014.4	877.3
-42.5°	1706.6	1699.8	1672.4	1624.4	1538.7	1442.8	1343.4	1223.4	1093.2	959.5	825.9
-45°	1699.8	1675.8	1634.7	1576.4	1487.3	1391.3	1274.8	1154.9	1031.5	901.3	767.6
-47.5°	1672.4	1634.7	1583.3	1514.7	1432.5	1316.0	1199.4	1082.9	963.0	836.2	712.8
-50°	1638.1	1593.5	1531.9	1446.2	1336.5	1230.3	1124.0	1011.0	887.6	771.1	661.4
-52.5°	1600.4	1552.4	1473.6	1377.6	1257.7	1148.0	1045.2	935.6	822.5	712.8	616.9
-55°	1559.3	1511.3	1422.2	1312.5	1192.6	1072.6	973.3	880.7	771.1	664.8	579.2
-57.5°	1538.7	1477.0	1384.5	1274.8	1148.0	1024.7	939.0	839.6	740.2	630.6	548.3
-60°	1521.6	1459.9	1374.2	1247.4	1127.5	1011.0	911.6	815.6	709.4	606.6	524.3
-62.5°	1473.6	1408.5	1329.7	1206.3	1089.8	983.5	894.4	781.3	678.5	582.6	507.2
-65°	1377.6	1309.1	1240.6	1130.9	1024.7	925.3	836.2	733.4	637.4	555.2	490.1
-67.5°	1226.9	1168.6	1106.9	1014.4	925.3	836.2	753.9	664.8	586.0	527.8	493.5
-70°	1058.9	997.2	935.6	860.2	784.8	712.8	647.7	582.6	531.2	500.3	472.9
-72.5°	771.1	743.7	712.8	654.5	592.9	548.3	517.5	490.1	452.4	424.9	407.8
-75°	514.0	476.3	428.4	407.8	411.2	404.4	387.2	366.7	349.6	339.3	315.3
-77.5°	401.0	380.4	356.4	332.4	322.1	311.9	298.1	281.0	267.3	243.3	209.0
-80°	370.1	353.0	335.8	318.7	301.6	277.6	250.2	222.8	209.0	198.8	195.3
-82.5°	305.0	284.4	263.9	246.7	222.8	205.6	188.5	174.8	174.8	171.3	167.9
-85°	174.8	167.9	157.6	150.8	143.9	133.7	123.4	116.5	113.1	109.7	106.2
-87.5°	89.1	85.7	78.8	75.4	72.0	68.5	61.7	58.3	54.8	54.8	51.4
-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):

	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°	17.1	17.1	13.7	13.7	13.7	10.3	6.9	6.9	3.4	3.4	0.0
85°	41.1	34.3	30.8	27.4	27.4	20.6	13.7	10.3	6.9	3.4	3.4
82.5°	78.8	68.5	58.3	51.4	41.1	30.8	24.0	17.1	10.3	6.9	3.4
80°	89.1	89.1	85.7	72.0	58.3	44.6	30.8	20.6	13.7	10.3	6.9
77.5°	68.5	75.4	75.4	75.4	72.0	54.8	37.7	24.0	13.7	10.3	6.9
75°	78.8	68.5	65.1	68.5	65.1	54.8	44.6	27.4	17.1	13.7	6.9
72.5°	96.0	82.2	72.0	68.5	61.7	51.4	41.1	30.8	17.1	13.7	10.3
70°	89.1	85.7	78.8	72.0	61.7	51.4	41.1	30.8	20.6	13.7	10.3
67.5°	78.8	78.8	78.8	72.0	61.7	48.0	37.7	27.4	20.6	13.7	10.3
65°	54.8	65.1	72.0	68.5	61.7	48.0	37.7	27.4	20.6	17.1	10.3
62.5°	34.3	44.6	58.3	65.1	58.3	48.0	34.3	27.4	20.6	17.1	10.3
60°	30.8	34.3	41.1	51.4	54.8	44.6	34.3	24.0	20.6	17.1	10.3
57.5°	30.8	30.8	34.3	41.1	44.6	41.1	30.8	20.6	20.6	17.1	13.7
55°	34.3	30.8	30.8	34.3	37.7	37.7	30.8	20.6	20.6	17.1	13.7
52.5°	41.1	34.3	30.8	30.8	30.8	34.3	27.4	20.6	20.6	17.1	13.7
50°	51.4	41.1	37.7	30.8	30.8	30.8	27.4	20.6	17.1	17.1	13.7
47.5°	68.5	54.8	41.1	37.7	30.8	27.4	24.0	20.6	17.1	17.1	13.7
45°	102.8	65.1	54.8	41.1	34.3	30.8	27.4	20.6	17.1	17.1	13.7
42.5°	140.5	96.0	68.5	48.0	37.7	30.8	27.4	24.0	17.1	17.1	13.7
40°	178.2	130.2	85.7	61.7	44.6	34.3	27.4	24.0	20.6	17.1	13.7
37.5°	219.3	161.1	113.1	78.8	51.4	37.7	30.8	24.0	20.6	17.1	13.7
35°	270.7	202.2	140.5	96.0	61.7	44.6	34.3	24.0	20.6	17.1	13.7
32.5°	329.0	239.9	167.9	116.5	78.8	54.8	37.7	27.4	20.6	17.1	13.7
30°	383.8	284.4	198.8	140.5	96.0	61.7	41.1	27.4	20.6	17.1	10.3
27.5°	438.7	329.0	236.5	164.5	116.5	72.0	44.6	30.8	20.6	17.1	13.7
25°	493.5	373.5	274.2	188.5	133.7	85.7	54.8	34.3	20.6	17.1	13.7
22.5°	541.5	418.1	308.4	215.9	154.2	99.4	61.7	37.7	24.0	17.1	13.7
20°	596.3	466.1	346.1	246.7	171.3	113.1	68.5	41.1	24.0	17.1	13.7
17.5°	647.7	514.0	383.8	274.2	191.9	126.8	78.8	44.6	27.4	17.1	13.7
15°	699.1	558.6	418.1	301.6	212.5	140.5	85.7	48.0	30.8	17.1	13.7
12.5°	747.1	599.7	448.9	325.6	229.6	154.2	92.5	51.4	34.3	17.1	13.7
10°	791.6	637.4	479.8	346.1	246.7	164.5	99.4	58.3	37.7	17.1	13.7
7.5°	836.2	668.3	503.8	366.7	267.3	178.2	106.2	61.7	41.1	20.6	13.7
5°	863.6	695.7	524.3	383.8	284.4	191.9	113.1	65.1	44.6	20.6	13.7
2.5°	887.6	716.2	538.0	401.0	301.6	202.2	113.1	68.5	48.0	20.6	13.7
0°	901.3	729.9	548.3	411.2	315.3	209.0	116.5	72.0	51.4	20.6	13.7
-2.5°	932.1	753.9	572.3	424.9	329.0	229.6	123.4	75.4	54.8	24.0	13.7
-5°	952.7	767.6	589.4	438.7	339.3	250.2	133.7	82.2	61.7	30.8	17.1
-7.5°	969.8	781.3	603.1	445.5	349.6	257.0	137.1	85.7	65.1	34.3	17.1
-10°	973.3	788.2	613.4	455.8	356.4	267.3	140.5	89.1	68.5	37.7	17.1
-12.5°	976.7	795.1	616.9	462.6	363.3	274.2	143.9	92.5	72.0	41.1	17.1
-15°	973.3	791.6	616.9	469.5	366.7	267.3	150.8	96.0	75.4	44.6	17.1
-17.5°	966.4	788.2	613.4	466.1	363.3	260.4	154.2	102.8	75.4	48.0	20.6
-20°	956.1	777.9	606.6	462.6	359.8	253.6	157.6	106.2	78.8	48.0	20.6

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CATALOG NUMBER: IFLD-M-SA4C-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	939.0	760.8	592.9	452.4	353.0	246.7	157.6	113.1	82.2	48.0	20.6
-25°	918.4	743.7	579.2	438.7	342.7	236.5	157.6	116.5	85.7	48.0	20.6
-27.5°	894.4	726.5	558.6	428.4	329.0	229.6	157.6	119.9	89.1	48.0	20.6
-30°	867.0	702.5	541.5	411.2	318.7	229.6	161.1	123.4	92.5	48.0	20.6
-32.5°	839.6	678.5	520.9	397.5	305.0	226.2	161.1	126.8	96.0	44.6	24.0
-35°	808.8	651.1	503.8	387.2	294.7	219.3	164.5	126.8	92.5	44.6	24.0
-37.5°	771.1	616.9	486.6	377.0	287.9	212.5	164.5	130.2	89.1	44.6	24.0
-40°	729.9	589.4	466.1	363.3	277.6	209.0	164.5	130.2	85.7	44.6	27.4
-42.5°	685.4	558.6	445.5	349.6	267.3	205.6	164.5	130.2	82.2	44.6	27.4
-45°	644.3	527.8	421.5	332.4	257.0	205.6	164.5	126.8	75.4	48.0	27.4
-47.5°	599.7	493.5	394.1	315.3	253.6	202.2	161.1	119.9	68.5	48.0	27.4
-50°	562.0	459.2	373.5	298.1	246.7	205.6	164.5	109.7	68.5	48.0	27.4
-52.5°	524.3	435.2	349.6	291.3	239.9	209.0	161.1	102.8	68.5	48.0	27.4
-55°	493.5	411.2	335.8	281.0	246.7	215.9	154.2	92.5	68.5	48.0	27.4
-57.5°	469.5	397.5	325.6	284.4	257.0	209.0	143.9	89.1	68.5	44.6	27.4
-60°	452.4	383.8	329.0	298.1	260.4	198.8	137.1	89.1	68.5	44.6	24.0
-62.5°	438.7	387.2	346.1	308.4	246.7	185.1	130.2	89.1	61.7	41.1	24.0
-65°	442.1	401.0	353.0	294.7	236.5	171.3	119.9	85.7	58.3	37.7	24.0
-67.5°	452.4	390.7	332.4	277.6	212.5	154.2	109.7	78.8	54.8	37.7	24.0
-70°	418.1	359.8	301.6	236.5	181.6	133.7	102.8	72.0	48.0	34.3	24.0
-72.5°	377.0	301.6	239.9	191.9	154.2	123.4	92.5	65.1	44.6	30.8	20.6
-75°	274.2	219.3	178.2	161.1	137.1	109.7	82.2	58.3	41.1	30.8	20.6
-77.5°	195.3	181.6	164.5	147.4	123.4	96.0	72.0	54.8	37.7	27.4	17.1
-80°	191.9	174.8	154.2	126.8	102.8	82.2	61.7	48.0	34.3	24.0	13.7
-82.5°	161.1	137.1	116.5	96.0	78.8	65.1	51.4	37.7	27.4	17.1	10.3
-85°	99.4	85.7	75.4	65.1	54.8	44.6	34.3	24.0	17.1	10.3	6.9
-87.5°	48.0	44.6	37.7	30.8	27.4	20.6	17.1	13.7	10.3	6.9	3.4
-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-M-SA4C-735-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°	3.4	0.0	0.0	0.0
80°	3.4	0.0	0.0	0.0
77.5°	3.4	0.0	0.0	0.0
75°	3.4	3.4	0.0	0.0
72.5°	3.4	3.4	0.0	0.0
70°	6.9	3.4	3.4	0.0
67.5°	6.9	3.4	3.4	0.0
65°	6.9	3.4	3.4	0.0
62.5°	6.9	3.4	3.4	0.0
60°	6.9	3.4	3.4	0.0
57.5°	6.9	3.4	3.4	0.0
55°	6.9	3.4	3.4	0.0
52.5°	6.9	3.4	3.4	0.0
50°	6.9	3.4	3.4	0.0
47.5°	6.9	6.9	3.4	0.0
45°	6.9	6.9	3.4	0.0
42.5°	6.9	6.9	3.4	0.0
40°	6.9	6.9	3.4	0.0
37.5°	6.9	6.9	3.4	0.0
35°	6.9	6.9	3.4	0.0
32.5°	10.3	6.9	3.4	0.0
30°	10.3	6.9	6.9	0.0
27.5°	10.3	6.9	6.9	0.0
25°	10.3	6.9	6.9	0.0
22.5°	10.3	6.9	6.9	0.0
20°	10.3	6.9	6.9	0.0
17.5°	10.3	6.9	6.9	0.0
15°	10.3	6.9	6.9	0.0
12.5°	10.3	6.9	6.9	0.0
10°	10.3	6.9	6.9	0.0
7.5°	10.3	6.9	6.9	0.0
5°	10.3	6.9	6.9	0.0
2.5°	10.3	6.9	6.9	0.0
0°	10.3	6.9	6.9	0.0
-2.5°	10.3	6.9	6.9	0.0
-5°	10.3	6.9	6.9	0.0
-7.5°	10.3	6.9	6.9	0.0
-10°	10.3	6.9	6.9	0.0
-12.5°	13.7	6.9	6.9	0.0
-15°	13.7	6.9	6.9	0.0
-17.5°	13.7	6.9	6.9	0.0
-20°	13.7	6.9	6.9	0.0

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CATALOG NUMBER: IFLD-M-SA4C-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.7	6.9	6.9	0.0
-25°	13.7	6.9	6.9	0.0
-27.5°	13.7	6.9	6.9	0.0
-30°	13.7	6.9	6.9	0.0
-32.5°	13.7	6.9	6.9	0.0
-35°	13.7	6.9	6.9	0.0
-37.5°	13.7	6.9	6.9	0.0
-40°	13.7	6.9	6.9	0.0
-42.5°	10.3	6.9	3.4	0.0
-45°	13.7	6.9	3.4	0.0
-47.5°	13.7	6.9	3.4	0.0
-50°	13.7	6.9	3.4	0.0
-52.5°	13.7	6.9	3.4	0.0
-55°	13.7	6.9	3.4	0.0
-57.5°	13.7	6.9	3.4	0.0
-60°	13.7	6.9	3.4	0.0
-62.5°	13.7	6.9	3.4	0.0
-65°	13.7	6.9	3.4	0.0
-67.5°	13.7	6.9	3.4	0.0
-70°	13.7	3.4	3.4	0.0
-72.5°	10.3	3.4	3.4	0.0
-75°	10.3	3.4	3.4	0.0
-77.5°	6.9	3.4	0.0	0.0
-80°	6.9	3.4	0.0	0.0
-82.5°	6.9	3.4	0.0	0.0
-85°	3.4	0.0	0.0	0.0
-87.5°	3.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)