

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: P722202

Luminaire Tested: **IFLD-S-SA6B-830-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722202
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-830-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

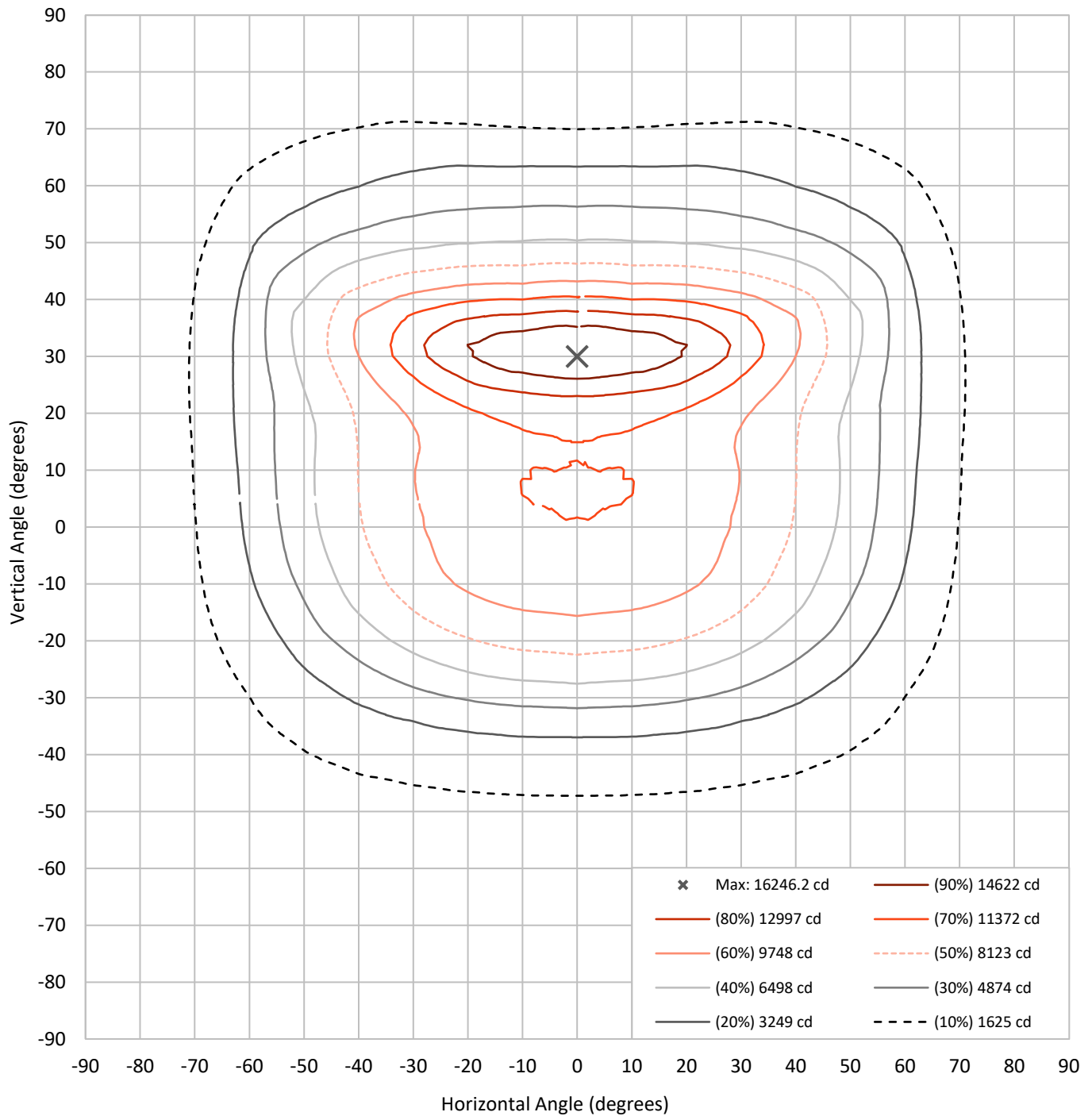
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	27118.9 lumens	Max Intensity:	16246.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	110.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	15770 lumens	Field Lumens:	25414 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 244.9
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



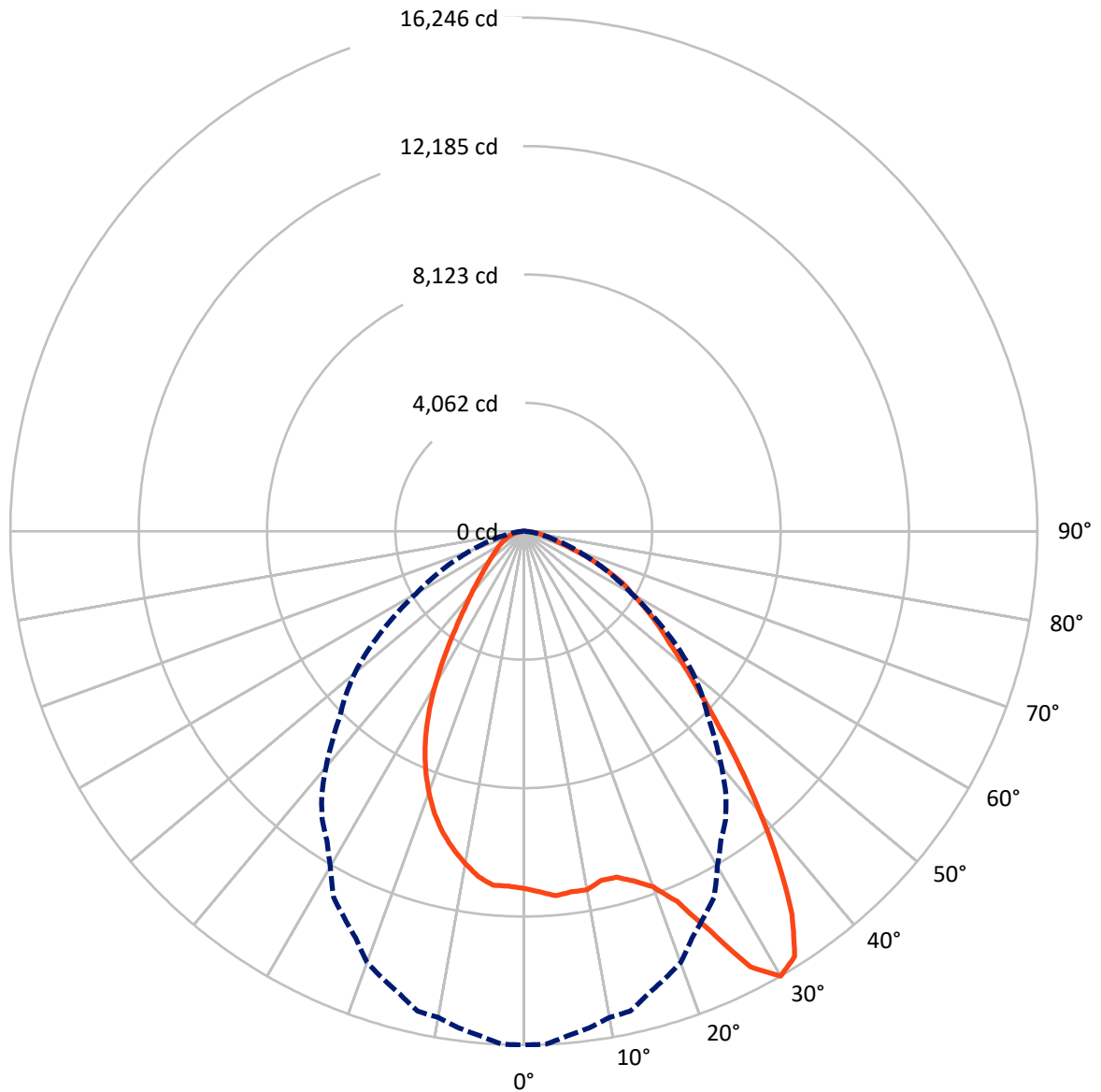
REPORT NUMBER: P722202
CATALOG NUMBER: IFLD-S-SA6B-830-U-76

Iso-Candela Plot



REPORT NUMBER: P722202
CATALOG NUMBER: IFLD-S-SA6B-830-U-76

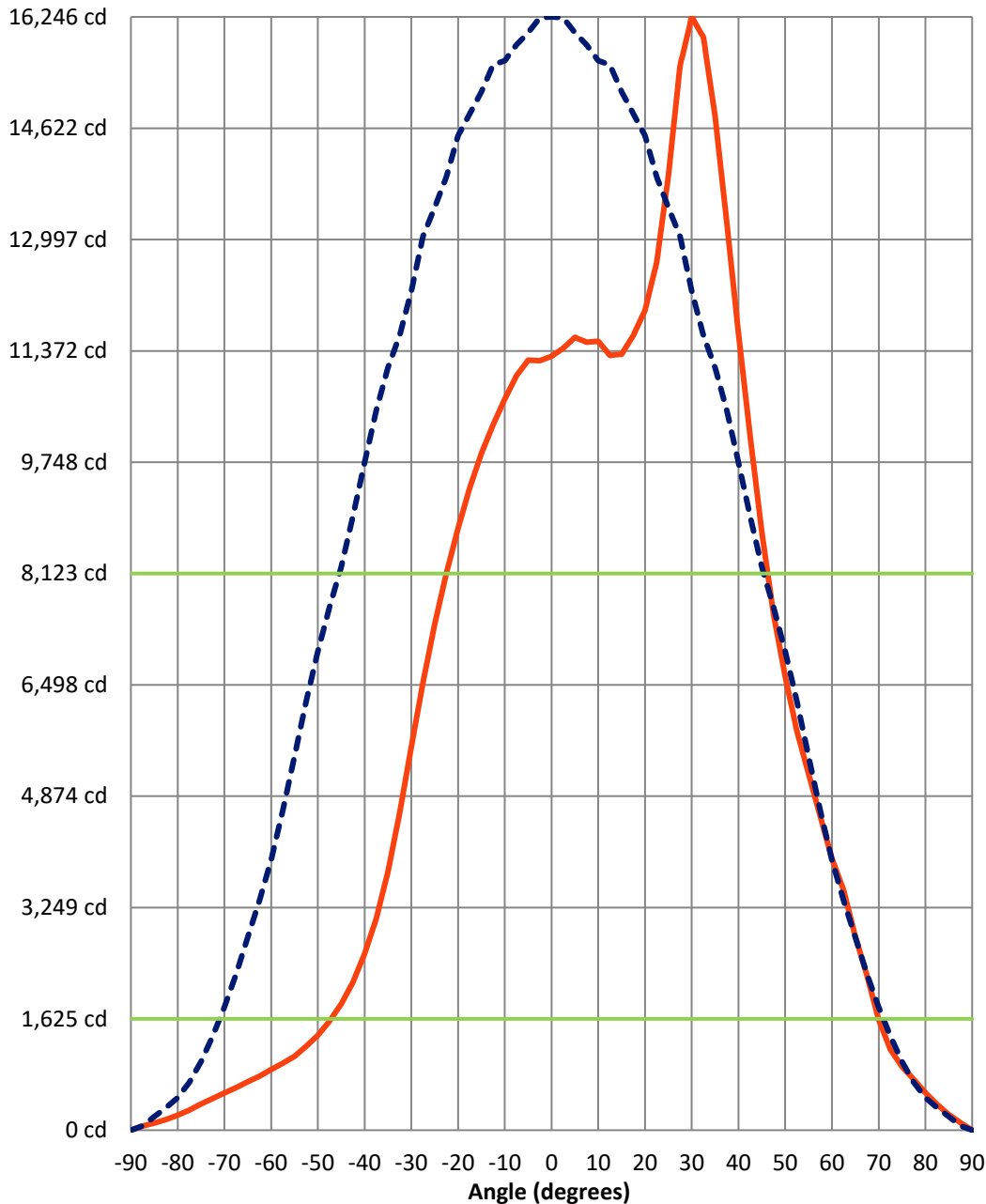
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722202
 CATALOG NUMBER: IFLD-S-SA6B-830-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 15770
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 25414
 Efficiency: 93.7%

Spill:
 Lumens: 1705
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722202
 CATALOG NUMBER: IFLD-S-SA6B-830-U-76

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°	109.2	112.0	114.9	114.9	112.0	112.0	112.0	109.2	112.0	112.0	112.0
85°	227.0	232.7	238.4	235.6	232.7	227.0	221.2	224.1	227.0	229.8	229.8
82.5°	376.3	385.0	390.7	387.8	382.1	376.3	370.6	373.5	379.2	382.1	382.1
80°	545.8	548.7	551.6	557.3	548.7	548.7	545.8	557.3	563.1	568.8	574.6
77.5°	741.2	744.1	744.1	747.0	749.8	752.7	752.7	772.8	787.2	795.8	804.4
75°	925.1	933.7	942.3	950.9	962.4	968.2	976.8	1005.5	1028.5	1045.7	1063.0
72.5°	1177.9	1189.4	1203.7	1223.8	1244.0	1258.3	1278.4	1312.9	1338.8	1356.0	1376.1
70°	1611.7	1623.2	1637.5	1651.9	1672.0	1686.4	1706.5	1749.6	1775.4	1786.9	1798.4
67.5°	2255.2	2283.9	2309.8	2281.1	2266.7	2246.6	2252.3	2292.6	2318.4	2335.7	2332.8
65°	2826.9	2847.0	2847.0	2844.2	2832.7	2806.8	2821.2	2870.0	2898.7	2913.1	2870.0
62.5°	3499.2	3499.2	3484.8	3507.8	3510.7	3493.4	3484.8	3487.7	3490.6	3499.2	3427.4
60°	3964.6	3993.3	4001.9	4022.0	4027.8	4027.8	4042.2	4053.6	4053.6	4036.4	3953.1
57.5°	4579.4	4634.0	4645.5	4631.1	4602.4	4565.0	4559.3	4542.0	4507.6	4473.1	4432.9
55°	5199.9	5228.7	5225.8	5217.2	5188.4	5145.3	5151.1	5128.1	5073.5	5030.4	4975.8
52.5°	5823.3	5892.3	5903.8	5886.5	5846.3	5800.4	5803.2	5777.4	5722.8	5676.8	5602.1
50°	6619.1	6676.6	6670.8	6642.1	6584.7	6550.2	6553.1	6504.2	6441.0	6426.6	6329.0
47.5°	7529.8	7595.9	7584.4	7544.2	7466.6	7452.3	7466.6	7403.4	7366.1	7334.5	7219.6
45°	8725.0	8802.5	8759.4	8681.9	8558.3	8572.7	8592.8	8581.3	8500.9	8417.6	8271.0
42.5°	10126.9	10175.8	10124.1	10046.5	9891.3	9920.1	9908.6	9839.6	9790.8	9652.9	9466.2
40°	11626.6	11732.9	11652.4	11531.8	11370.9	11414.0	11382.4	11293.3	11178.4	11006.0	10770.5
37.5°	13244.0	13327.3	13235.4	13094.6	12951.0	12936.6	12873.4	12735.5	12571.8	12382.1	12005.8
35°	14792.5	15008.0	14838.5	14614.4	14439.1	14373.1	14312.7	13993.8	13807.1	13499.7	12985.4
32.5°	15944.5	16102.5	15892.8	15660.1	15447.5	15355.6	15143.0	14763.8	14663.2	14016.8	13545.7
30°	16246.2	16234.7	16016.3	15838.2	15608.4	15545.2	15154.5	14832.7	14510.9	13913.4	13465.2
27.5°	15528.0	15456.1	15246.4	15091.3	14864.3	14789.6	14404.7	14232.3	13735.3	13229.6	12850.4
25°	13927.8	13965.1	13807.1	13729.5	13580.1	13419.3	13267.0	13034.3	12724.0	12281.6	11934.0
22.5°	12666.6	12715.4	12649.3	12557.4	12442.5	12353.4	12238.5	12057.5	11758.7	11485.8	11158.3
20°	11965.6	11951.2	11893.7	11824.8	11715.6	11652.4	11526.0	11373.8	11143.9	10908.3	10555.0
17.5°	11597.8	11508.8	11454.2	11428.3	11370.9	11290.4	11141.1	10985.9	10807.8	10540.6	10282.1
15°	11324.9	11339.3	11296.2	11276.1	11230.1	11118.1	10965.8	10839.4	10598.1	10463.1	10227.5
12.5°	11307.7	11293.3	11296.2	11287.6	11230.1	11086.5	11008.9	10848.0	10692.9	10514.8	10244.7
10°	11511.7	11359.4	11370.9	11411.1	11319.2	11204.3	11120.9	10945.7	10799.2	10572.2	10305.0
7.5°	11500.2	11422.6	11445.6	11379.5	11408.2	11267.5	11152.5	10977.3	10793.4	10552.1	10310.8
5°	11569.1	11451.3	11431.2	11437.0	11365.1	11258.8	11103.7	10937.1	10764.7	10494.7	10247.6
2.5°	11411.1	11428.3	11336.4	11301.9	11293.3	11115.2	10971.6	10810.7	10632.6	10394.1	10172.9
0°	11293.3	11324.9	11230.1	11181.3	11178.4	11026.1	10934.2	10750.3	10623.9	10425.7	10158.5
-2.5°	11230.1	11267.5	11279.0	11189.9	11103.7	10985.9	10830.8	10632.6	10425.7	10195.9	9966.0
-5°	11235.9	11161.2	11129.6	11158.3	11083.6	10965.8	10793.4	10618.2	10414.2	10167.1	9879.9
-7.5°	11008.9	10934.2	10928.5	10914.1	10896.9	10784.8	10641.2	10451.6	10244.7	10014.9	9747.7
-10°	10669.9	10615.3	10601.0	10586.6	10540.6	10474.5	10339.5	10167.1	9980.4	9750.6	9466.2
-12.5°	10293.6	10267.7	10213.1	10175.8	10129.8	10052.2	9922.9	9764.9	9578.2	9374.2	9130.0
-15°	9877.0	9828.1	9773.6	9742.0	9675.9	9583.9	9454.7	9308.2	9104.2	8903.1	8673.2
-17.5°	9374.2	9313.9	9253.6	9244.9	9199.0	9058.2	8937.5	8759.4	8581.3	8388.8	8164.7
-20°	8782.4	8699.1	8658.9	8635.9	8572.7	8469.3	8340.0	8176.2	8003.9	7820.0	7561.4



REPORT NUMBER: P722202

CATALOG NUMBER: IFLD-S-SA6B-830-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8127.4	8055.6	7986.6	7943.5	7888.9	7808.5	7685.0	7541.3	7371.8	7165.0	6926.5
-25°	7383.3	7282.8	7239.7	7190.8	7162.1	7087.4	6966.7	6834.6	6659.4	6458.2	6231.3
-27.5°	6532.9	6452.5	6429.5	6360.6	6326.1	6248.5	6148.0	6024.4	5863.6	5674.0	5487.2
-30°	5593.5	5544.7	5507.3	5438.4	5412.5	5329.2	5263.1	5159.7	5013.2	4878.2	4728.8
-32.5°	4628.2	4579.4	4567.9	4536.3	4519.1	4464.5	4389.8	4315.1	4197.3	4096.7	3976.1
-35°	3772.1	3737.6	3740.5	3737.6	3720.4	3680.2	3588.2	3568.1	3481.9	3390.0	3312.4
-37.5°	3088.4	3091.2	3088.4	3085.5	3062.5	3045.3	2979.2	2953.3	2901.6	2812.6	2766.6
-40°	2574.1	2579.9	2577.0	2571.2	2545.4	2536.8	2493.7	2459.2	2439.1	2375.9	2327.0
-42.5°	2157.5	2166.2	2163.3	2160.4	2143.2	2140.3	2117.3	2077.1	2065.6	2028.3	1976.5
-45°	1841.5	1838.6	1832.9	1838.6	1830.0	1821.4	1807.0	1781.2	1766.8	1749.6	1706.5
-47.5°	1591.6	1594.5	1588.7	1588.7	1577.2	1568.6	1562.9	1545.6	1534.1	1519.8	1493.9
-50°	1384.7	1396.2	1393.3	1390.5	1381.9	1376.1	1376.1	1358.9	1341.6	1335.9	1318.7
-52.5°	1223.8	1232.5	1235.3	1241.1	1244.0	1246.8	1238.2	1221.0	1192.2	1189.4	1180.8
-55°	1077.3	1103.2	1120.4	1131.9	1143.4	1152.0	1134.8	1111.8	1083.1	1071.6	1068.7
-57.5°	976.8	1002.6	1022.7	1040.0	1054.3	1068.7	1051.5	1028.5	1002.6	988.3	985.4
-60°	884.8	907.8	927.9	950.9	971.0	994.0	985.4	968.2	953.8	942.3	930.8
-62.5°	787.2	810.2	833.1	861.9	887.7	910.7	913.6	910.7	907.8	910.7	890.6
-65°	706.7	718.2	732.6	764.2	792.9	818.8	833.1	841.8	856.1	870.5	850.4
-67.5°	620.5	634.9	652.1	675.1	698.1	715.3	735.5	758.4	781.4	804.4	790.0
-70°	543.0	554.5	568.8	580.3	594.7	606.2	623.4	649.3	675.1	698.1	692.4
-72.5°	462.5	474.0	482.6	488.4	497.0	502.8	511.4	534.4	551.6	563.1	563.1
-75°	382.1	393.6	402.2	405.1	410.8	413.7	419.4	428.1	436.7	439.6	442.4
-77.5°	293.0	304.5	313.1	318.9	324.6	330.4	333.3	339.0	341.9	341.9	344.7
-80°	218.3	227.0	232.7	241.3	244.2	249.9	255.7	258.6	261.4	261.4	264.3
-82.5°	155.1	160.9	166.6	172.4	178.1	181.0	186.7	189.6	192.5	195.4	198.2
-85°	103.4	109.2	114.9	120.7	123.5	126.4	129.3	132.2	135.0	137.9	140.8
-87.5°	60.3	63.2	66.1	71.8	74.7	80.4	83.3	80.4	83.3	83.3	83.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722202
 CATALOG NUMBER: IFLD-S-SA6B-830-U-76

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°	112.0	112.0	112.0	112.0	109.2	103.4	100.6	94.8	89.1	83.3	77.6
85°	232.7	235.6	235.6	235.6	229.8	227.0	218.3	209.7	198.2	181.0	166.6
82.5°	387.8	390.7	390.7	387.8	382.1	373.5	362.0	347.6	324.6	301.7	281.5
80°	583.2	586.1	586.1	583.2	568.8	554.5	540.1	522.9	494.1	462.5	428.1
77.5°	815.9	821.6	821.6	813.0	792.9	775.7	752.7	724.0	680.9	634.9	588.9
75°	1086.0	1100.3	1103.2	1094.6	1068.7	1037.1	999.8	950.9	884.8	827.4	772.8
72.5°	1399.1	1413.5	1425.0	1413.5	1376.1	1333.0	1278.4	1221.0	1154.9	1077.3	985.4
70°	1809.9	1824.3	1832.9	1795.6	1729.5	1657.7	1591.6	1525.5	1447.9	1353.1	1252.6
67.5°	2327.0	2312.7	2295.4	2220.7	2137.4	2051.2	1959.3	1861.6	1761.1	1660.5	1542.7
65°	2824.0	2783.8	2746.5	2657.4	2551.1	2439.1	2332.8	2223.6	2103.0	1976.5	1864.5
62.5°	3346.9	3260.7	3168.8	3059.6	2950.5	2826.9	2720.6	2591.3	2456.3	2301.2	2157.5
60°	3861.2	3757.7	3665.8	3530.8	3387.1	3220.5	3105.6	2979.2	2821.2	2654.5	2485.0
57.5°	4358.2	4246.1	4145.6	4027.8	3872.7	3691.7	3565.3	3401.5	3234.9	3025.1	2852.8
55°	4886.8	4774.7	4694.3	4562.1	4392.6	4226.0	4088.1	3915.7	3683.0	3459.0	3246.4
52.5°	5493.0	5403.9	5317.7	5182.7	4978.7	4809.2	4656.9	4464.5	4220.3	3944.5	3688.8
50°	6171.0	6125.0	6033.1	5875.1	5642.3	5493.0	5291.9	5036.2	4774.7	4484.6	4165.7
47.5°	7070.2	6995.5	6866.2	6693.8	6498.5	6274.4	6004.3	5705.6	5335.0	5013.2	4674.2
45°	8144.6	8006.7	7840.1	7607.4	7366.1	7113.3	6817.4	6438.1	5941.1	5521.7	5165.4
42.5°	9308.2	9121.4	8894.5	8589.9	8276.8	7966.5	7647.6	7130.5	6510.0	6027.3	5625.1
40°	10523.4	10284.9	10000.5	9558.1	9210.5	8811.1	8446.3	7673.5	7012.7	6489.9	6061.8
37.5°	11712.8	11411.1	10934.2	10397.0	9991.9	9664.4	8862.9	8035.5	7443.6	6869.1	6435.3
35°	12623.5	12367.8	11526.0	10968.7	10621.1	10103.9	9101.3	8253.8	7627.5	7150.6	6475.5
32.5°	13163.6	12502.8	11764.5	11201.4	10914.1	10066.6	9118.5	8317.0	7713.7	7179.3	6372.1
30°	13042.9	12244.2	11597.8	11126.7	10503.3	9742.0	8957.7	8219.3	7633.3	6986.9	6257.1
27.5°	12316.1	11698.4	11120.9	10629.7	10017.8	9334.0	8610.0	7960.8	7414.9	6788.6	6099.1
25°	11494.4	10934.2	10506.1	10078.1	9497.8	8845.6	8207.8	7739.6	7190.8	6573.2	5892.3
22.5°	10738.8	10336.6	10000.5	9552.3	8986.4	8417.6	8021.1	7535.6	6972.5	6346.2	5679.7
20°	10256.2	9983.3	9598.3	9104.2	8658.9	8302.6	7863.1	7348.8	6768.5	6113.5	5498.7
17.5°	10023.5	9707.5	9279.4	8957.7	8615.8	8225.1	7733.8	7188.0	6570.3	6007.2	5518.8
15°	9902.8	9569.6	9288.0	8972.0	8587.1	8176.2	7630.4	7064.4	6570.3	6050.3	5533.2
12.5°	9928.7	9641.4	9334.0	8989.3	8575.6	8136.0	7641.9	7116.1	6604.8	6081.9	5536.1
10°	10009.1	9707.5	9380.0	8997.9	8581.3	8147.5	7673.5	7147.7	6622.0	6096.3	5530.3
7.5°	10037.9	9710.4	9359.9	8974.9	8566.9	8141.8	7679.2	7156.4	6624.9	6093.4	5513.1
5°	9948.8	9652.9	9313.9	8926.1	8526.7	8113.0	7656.2	7144.9	6601.9	6064.7	5470.0
2.5°	9828.1	9589.7	9265.1	8891.6	8486.5	8072.8	7618.9	7093.2	6550.2	6013.0	5415.4
0°	9808.0	9512.1	9184.6	8851.4	8420.4	7983.8	7532.7	6995.5	6455.4	5915.3	5320.6
-2.5°	9675.9	9362.7	9035.2	8673.2	8294.0	7854.5	7380.4	6854.7	6320.4	5788.9	5217.2
-5°	9575.3	9227.7	8880.1	8489.4	8107.3	7667.7	7176.5	6665.1	6142.2	5625.1	5073.5
-7.5°	9440.3	9084.1	8719.2	8311.3	7897.6	7449.4	6963.9	6452.5	5938.3	5424.0	4895.4
-10°	9167.4	8854.2	8512.4	8090.0	7653.4	7205.2	6722.6	6219.8	5705.6	5185.6	4654.1
-12.5°	8837.0	8506.6	8133.1	7745.3	7354.6	6938.0	6455.4	5961.2	5444.1	4921.3	4392.6
-15°	8408.9	8084.3	7702.2	7323.0	6946.6	6547.3	6122.1	5676.8	5151.1	4636.8	4108.2
-17.5°	7874.6	7570.1	7228.2	6866.2	6492.7	6090.5	5676.8	5300.5	4809.2	4326.6	3803.7
-20°	7300.0	7015.6	6708.2	6366.3	5992.8	5599.3	5208.5	4815.0	4389.8	3964.6	3479.1



REPORT NUMBER: P722202

CATALOG NUMBER: IFLD-S-SA6B-830-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6702.4	6415.2	6104.9	5786.0	5441.2	5076.4	4714.4	4338.1	3964.6	3579.6	3168.8
-25°	6013.0	5760.1	5475.7	5165.4	4858.1	4539.2	4194.4	3852.5	3533.7	3200.4	2864.3
-27.5°	5291.9	5059.2	4800.6	4530.5	4266.2	3999.1	3700.3	3384.3	3120.0	2844.2	2565.5
-30°	4533.4	4346.7	4137.0	3901.4	3697.4	3481.9	3232.0	2970.6	2729.2	2519.5	2295.4
-32.5°	3815.2	3657.2	3507.8	3352.7	3151.6	2984.9	2812.6	2620.1	2407.5	2209.2	2048.4
-35°	3197.5	3028.0	2964.8	2849.9	2706.3	2559.7	2433.3	2295.4	2134.6	1959.3	1827.2
-37.5°	2677.5	2577.0	2487.9	2424.7	2329.9	2212.1	2111.6	2011.0	1887.5	1755.3	1623.2
-40°	2272.5	2203.5	2105.8	2074.2	2013.9	1933.5	1830.0	1752.5	1669.1	1568.6	1456.6
-42.5°	1947.8	1896.1	1832.9	1778.3	1752.5	1695.0	1614.6	1539.9	1473.8	1404.8	1318.7
-45°	1680.6	1646.2	1605.9	1557.1	1537.0	1491.0	1433.6	1350.3	1312.9	1255.5	1192.2
-47.5°	1465.2	1447.9	1419.2	1387.6	1358.9	1324.4	1272.7	1221.0	1169.3	1131.9	1083.1
-50°	1295.7	1284.2	1266.9	1241.1	1203.7	1180.8	1146.3	1100.3	1051.5	1019.9	985.4
-52.5°	1160.6	1149.2	1137.7	1117.6	1088.8	1065.8	1037.1	999.8	959.5	927.9	899.2
-55°	1057.2	1040.0	1031.4	1014.1	991.1	965.3	939.4	913.6	879.1	850.4	821.6
-57.5°	976.8	953.8	942.3	927.9	905.0	879.1	859.0	833.1	810.2	778.6	752.7
-60°	913.6	887.7	864.7	850.4	830.3	804.4	784.3	764.2	741.2	715.3	683.7
-62.5°	861.9	830.3	798.7	781.4	761.3	738.3	718.2	698.1	675.1	649.3	620.5
-65°	813.0	775.7	735.5	718.2	698.1	675.1	649.3	634.9	614.8	591.8	563.1
-67.5°	752.7	712.5	678.0	657.9	637.8	617.7	594.7	580.3	560.2	531.5	502.8
-70°	663.6	637.8	614.8	597.6	580.3	563.1	540.1	517.1	494.1	468.3	442.4
-72.5°	551.6	543.0	540.1	531.5	511.4	491.3	468.3	445.3	425.2	405.1	385.0
-75°	445.3	451.0	456.8	453.9	433.8	413.7	393.6	373.5	359.1	341.9	324.6
-77.5°	353.4	359.1	364.9	364.9	350.5	339.0	324.6	310.3	298.8	284.4	267.2
-80°	272.9	281.5	290.2	295.9	284.4	275.8	264.3	252.8	241.3	229.8	218.3
-82.5°	206.8	215.5	224.1	229.8	221.2	215.5	206.8	198.2	189.6	178.1	169.5
-85°	149.4	155.1	160.9	163.8	158.0	152.3	146.5	140.8	135.0	126.4	120.7
-87.5°	86.2	89.1	91.9	94.8	89.1	83.3	80.4	74.7	71.8	66.1	63.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722202
 CATALOG NUMBER: IFLD-S-SA6B-830-U-76

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°	71.8	66.1	60.3	57.5	51.7	43.1	37.3	31.6	25.9	20.1	17.2
85°	152.3	137.9	120.7	112.0	100.6	89.1	77.6	66.1	54.6	43.1	31.6
82.5°	261.4	244.2	227.0	206.8	181.0	149.4	117.8	97.7	80.4	63.2	48.8
80°	393.6	362.0	333.3	307.4	278.7	238.4	195.4	155.1	109.2	83.3	63.2
77.5°	545.8	508.5	468.3	425.2	379.2	324.6	275.8	224.1	169.5	114.9	80.4
75°	718.2	669.4	614.8	554.5	494.1	422.3	353.4	293.0	229.8	160.9	97.7
72.5°	910.7	850.4	784.3	703.9	609.1	525.7	442.4	362.0	287.3	204.0	132.2
70°	1157.8	1063.0	965.3	879.1	758.4	626.3	528.6	436.7	341.9	249.9	166.6
67.5°	1422.1	1307.2	1189.4	1063.0	910.7	755.6	614.8	511.4	399.3	293.0	198.2
65°	1709.4	1565.7	1416.3	1275.6	1065.8	882.0	724.0	583.2	453.9	333.3	229.8
62.5°	2005.3	1835.8	1663.4	1479.5	1238.2	1011.3	827.4	663.6	505.6	370.6	258.6
60°	2321.3	2123.1	1913.3	1683.5	1402.0	1152.0	925.1	747.0	560.2	407.9	290.2
57.5°	2654.5	2439.1	2192.0	1881.7	1571.5	1287.1	1037.1	821.6	609.1	442.4	313.1
55°	3016.5	2769.5	2499.4	2088.6	1738.1	1422.1	1149.2	896.3	660.8	471.2	336.1
52.5°	3407.2	3120.0	2778.1	2306.9	1913.3	1560.0	1252.6	962.4	709.6	502.8	356.2
50°	3843.9	3481.9	3022.3	2508.0	2065.6	1689.3	1356.0	1034.2	749.8	537.2	373.5
47.5°	4297.8	3907.1	3240.6	2694.8	2220.7	1815.7	1462.3	1097.4	790.0	566.0	390.7
45°	4771.9	4203.0	3467.6	2861.4	2355.8	1930.6	1542.7	1154.9	838.9	591.8	405.1
42.5°	5240.1	4427.1	3665.8	3028.0	2482.2	2034.0	1608.8	1209.5	879.1	617.7	419.4
40°	5461.4	4596.6	3823.8	3142.9	2588.5	2125.9	1666.3	1258.3	913.6	634.9	433.8
37.5°	5553.3	4700.0	3927.2	3252.1	2671.8	2174.8	1715.1	1301.4	942.3	652.1	445.3
35°	5573.4	4737.4	3978.9	3326.8	2740.7	2220.7	1752.5	1333.0	965.3	669.4	456.8
32.5°	5536.1	4725.9	3993.3	3352.7	2783.8	2255.2	1778.3	1356.0	982.5	686.6	468.3
30°	5452.7	4665.6	3941.6	3349.8	2815.4	2275.3	1795.6	1373.2	999.8	698.1	474.0
27.5°	5317.7	4559.3	3875.5	3352.7	2832.7	2283.9	1804.2	1381.9	1011.3	706.7	485.5
25°	5151.1	4415.6	3878.4	3346.9	2835.5	2286.8	1804.2	1381.9	1014.1	709.6	494.1
22.5°	4958.6	4415.6	3878.4	3338.3	2818.3	2281.1	1795.6	1376.1	1014.1	715.3	502.8
20°	4970.1	4418.5	3869.8	3321.1	2792.4	2263.8	1775.4	1361.7	1005.5	724.0	508.5
17.5°	4978.7	4412.8	3852.5	3298.1	2758.0	2235.1	1749.6	1341.6	1005.5	732.6	511.4
15°	4978.7	4395.5	3826.7	3263.6	2714.9	2194.9	1712.2	1324.4	1008.4	735.5	517.1
12.5°	4970.1	4363.9	3786.5	3217.6	2663.2	2146.0	1689.3	1318.7	1008.4	738.3	517.1
10°	4952.9	4320.8	3734.8	3160.2	2614.3	2128.8	1677.8	1307.2	1002.6	738.3	517.1
7.5°	4921.3	4269.1	3691.7	3125.7	2585.6	2108.7	1660.5	1289.9	994.0	732.6	522.9
5°	4872.4	4240.4	3657.2	3085.5	2545.4	2094.3	1649.0	1275.6	988.3	732.6	517.1
2.5°	4809.2	4205.9	3617.0	3033.8	2499.4	2045.5	1611.7	1244.0	968.2	721.1	511.4
0°	4705.8	4137.0	3548.0	2961.9	2436.2	1996.7	1574.3	1212.4	948.1	709.6	505.6
-2.5°	4611.0	4045.0	3459.0	2887.3	2375.9	1953.6	1545.6	1195.1	939.4	706.7	502.8
-5°	4478.8	3918.6	3341.2	2789.6	2295.4	1910.5	1516.9	1175.0	930.8	701.0	502.8
-7.5°	4332.3	3786.5	3217.6	2689.0	2215.0	1835.8	1462.3	1143.4	910.7	689.5	499.9
-10°	4105.4	3588.2	3062.5	2574.1	2128.8	1769.7	1416.3	1114.7	893.5	678.0	488.4
-12.5°	3864.0	3369.9	2884.4	2433.3	2031.1	1700.7	1364.6	1083.1	873.4	666.5	482.6
-15°	3608.3	3145.8	2697.6	2286.8	1924.8	1617.4	1310.0	1048.6	853.2	652.1	474.0
-17.5°	3341.2	2910.2	2505.2	2137.4	1818.5	1531.2	1252.6	1017.0	830.3	637.8	465.4
-20°	3059.6	2668.9	2309.8	1985.2	1706.5	1445.1	1192.2	979.7	804.4	620.5	453.9



REPORT NUMBER: P722202

CATALOG NUMBER: IFLD-S-SA6B-830-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2781.0	2430.5	2108.7	1835.8	1591.6	1356.0	1131.9	942.3	775.7	600.4	445.3
-25°	2533.9	2206.4	1930.6	1692.1	1479.5	1269.8	1068.7	905.0	744.1	580.3	433.8
-27.5°	2292.6	2013.9	1755.3	1557.1	1370.4	1186.5	1008.4	864.7	712.5	557.3	422.3
-30°	2068.5	1830.0	1617.4	1425.0	1266.9	1111.8	956.7	824.5	678.0	534.4	407.9
-32.5°	1864.5	1672.0	1493.9	1310.0	1169.3	1037.1	907.8	784.3	643.5	511.4	393.6
-35°	1674.9	1525.5	1370.4	1215.2	1071.6	968.2	856.1	741.2	611.9	485.5	379.2
-37.5°	1505.4	1384.7	1261.2	1129.0	1005.5	902.1	807.3	698.1	580.3	462.5	364.9
-40°	1358.9	1261.2	1152.0	1045.7	942.3	844.6	758.4	655.0	548.7	445.3	350.5
-42.5°	1223.8	1149.2	1060.1	971.0	879.1	792.9	709.6	609.1	517.1	425.2	336.1
-45°	1120.4	1045.7	973.9	893.5	815.9	741.2	657.9	568.8	488.4	402.2	321.8
-47.5°	1022.7	956.7	890.6	824.5	761.3	692.4	609.1	534.4	456.8	382.1	310.3
-50°	936.6	873.4	815.9	758.4	703.9	637.8	560.2	499.9	430.9	362.0	295.9
-52.5°	856.1	801.5	744.1	698.1	652.1	586.1	522.9	465.4	405.1	339.0	281.5
-55°	784.3	732.6	680.9	637.8	594.7	537.2	485.5	436.7	379.2	321.8	267.2
-57.5°	715.3	672.3	623.4	583.2	540.1	494.1	451.0	405.1	353.4	304.5	252.8
-60°	652.1	611.9	568.8	528.6	491.3	453.9	413.7	376.3	330.4	284.4	238.4
-62.5°	588.9	554.5	517.1	476.9	448.2	413.7	382.1	344.7	307.4	267.2	212.6
-65°	531.5	499.9	465.4	430.9	405.1	379.2	350.5	316.0	284.4	247.1	189.6
-67.5°	474.0	445.3	416.6	387.8	364.9	344.7	316.0	290.2	264.3	224.1	166.6
-70°	419.4	396.5	370.6	347.6	330.4	307.4	287.3	264.3	241.3	195.4	140.8
-72.5°	367.7	344.7	324.6	307.4	293.0	272.9	255.7	238.4	206.8	163.8	117.8
-75°	307.4	293.0	281.5	267.2	252.8	238.4	224.1	204.0	172.4	132.2	91.9
-77.5°	252.8	244.2	235.6	224.1	212.6	201.1	183.9	163.8	137.9	103.4	74.7
-80°	206.8	198.2	192.5	181.0	172.4	160.9	143.6	126.4	100.6	80.4	60.3
-82.5°	158.0	152.3	146.5	140.8	132.2	120.7	103.4	89.1	74.7	60.3	46.0
-85°	112.0	109.2	103.4	97.7	89.1	80.4	68.9	60.3	51.7	40.2	31.6
-87.5°	57.5	54.6	51.7	48.8	46.0	40.2	34.5	28.7	25.9	20.1	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P722202

CATALOG NUMBER: IFLD-S-SA6B-830-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	11.5	8.6	2.9	0.0
85°	23.0	14.4	5.7	0.0
82.5°	34.5	23.0	8.6	0.0
80°	46.0	28.7	14.4	0.0
77.5°	57.5	34.5	17.2	0.0
75°	68.9	43.1	20.1	0.0
72.5°	77.6	48.8	23.0	0.0
70°	91.9	57.5	25.9	0.0
67.5°	114.9	63.2	28.7	0.0
65°	135.0	68.9	31.6	0.0
62.5°	158.0	74.7	34.5	0.0
60°	178.1	80.4	37.3	0.0
57.5°	198.2	94.8	40.2	0.0
55°	215.5	106.3	43.1	0.0
52.5°	235.6	117.8	46.0	0.0
50°	252.8	129.3	48.8	0.0
47.5°	267.2	140.8	48.8	0.0
45°	278.7	149.4	51.7	0.0
42.5°	287.3	158.0	54.6	0.0
40°	295.9	166.6	57.5	0.0
37.5°	304.5	175.2	57.5	0.0
35°	313.1	183.9	60.3	0.0
32.5°	321.8	192.5	60.3	0.0
30°	327.5	198.2	63.2	0.0
27.5°	336.1	204.0	63.2	0.0
25°	339.0	209.7	66.1	0.0
22.5°	344.7	212.6	66.1	0.0
20°	350.5	218.3	66.1	0.0
17.5°	353.4	221.2	68.9	0.0
15°	353.4	224.1	71.8	0.0
12.5°	356.2	227.0	71.8	0.0
10°	356.2	232.7	68.9	0.0
7.5°	362.0	229.8	68.9	0.0
5°	359.1	229.8	68.9	0.0
2.5°	356.2	227.0	68.9	0.0
0°	353.4	227.0	68.9	0.0
-2.5°	353.4	227.0	68.9	0.0
-5°	353.4	227.0	68.9	0.0
-7.5°	350.5	229.8	68.9	0.0
-10°	344.7	229.8	68.9	0.0
-12.5°	341.9	221.2	68.9	0.0
-15°	339.0	218.3	68.9	0.0
-17.5°	333.3	215.5	66.1	0.0
-20°	327.5	212.6	66.1	0.0



REPORT NUMBER: P722202

CATALOG NUMBER: IFLD-S-SA6B-830-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	321.8	206.8	66.1	0.0
-25°	316.0	201.1	63.2	0.0
-27.5°	310.3	195.4	63.2	0.0
-30°	301.7	189.6	60.3	0.0
-32.5°	293.0	183.9	60.3	0.0
-35°	287.3	175.2	57.5	0.0
-37.5°	278.7	166.6	57.5	0.0
-40°	270.1	158.0	54.6	0.0
-42.5°	261.4	149.4	51.7	0.0
-45°	249.9	140.8	51.7	0.0
-47.5°	241.3	132.2	48.8	0.0
-50°	227.0	120.7	46.0	0.0
-52.5°	209.7	109.2	43.1	0.0
-55°	192.5	100.6	40.2	0.0
-57.5°	175.2	89.1	40.2	0.0
-60°	158.0	77.6	37.3	0.0
-62.5°	140.8	71.8	34.5	0.0
-65°	123.5	66.1	31.6	0.0
-67.5°	103.4	57.5	28.7	0.0
-70°	86.2	51.7	25.9	0.0
-72.5°	74.7	46.0	23.0	0.0
-75°	63.2	40.2	20.1	0.0
-77.5°	54.6	34.5	17.2	0.0
-80°	43.1	25.9	11.5	0.0
-82.5°	31.6	20.1	8.6	0.0
-85°	20.1	14.4	5.7	0.0
-87.5°	11.5	5.7	2.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)