

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: P722002

Luminaire Tested: **IFLD-S-SA6E-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722002
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

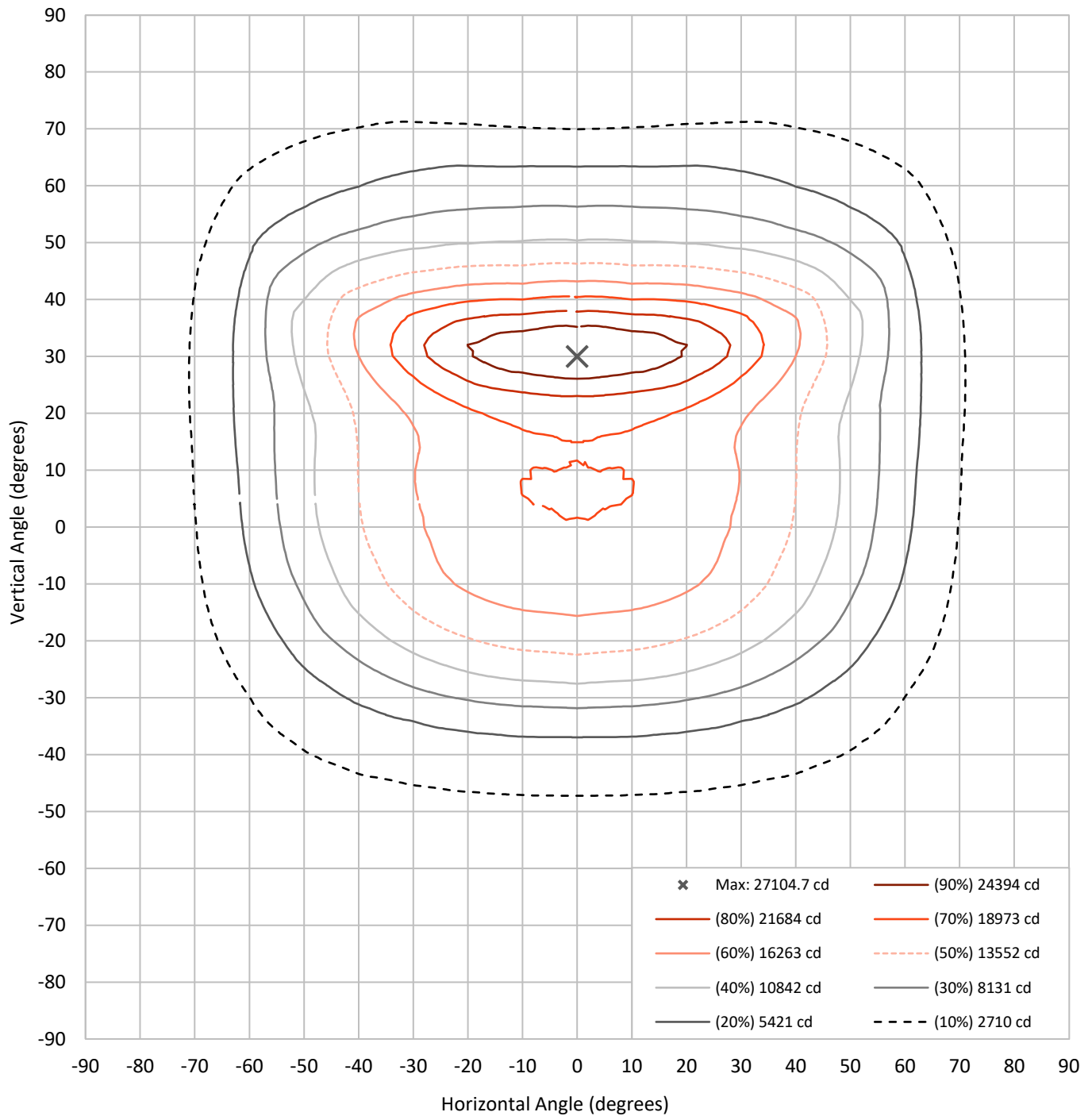
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 45244.6 lumens	Max Intensity: 27104.7 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 97.5 lumens/watt	
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 26310.2 lumens	Field Lumens: 42400 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 464.2
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



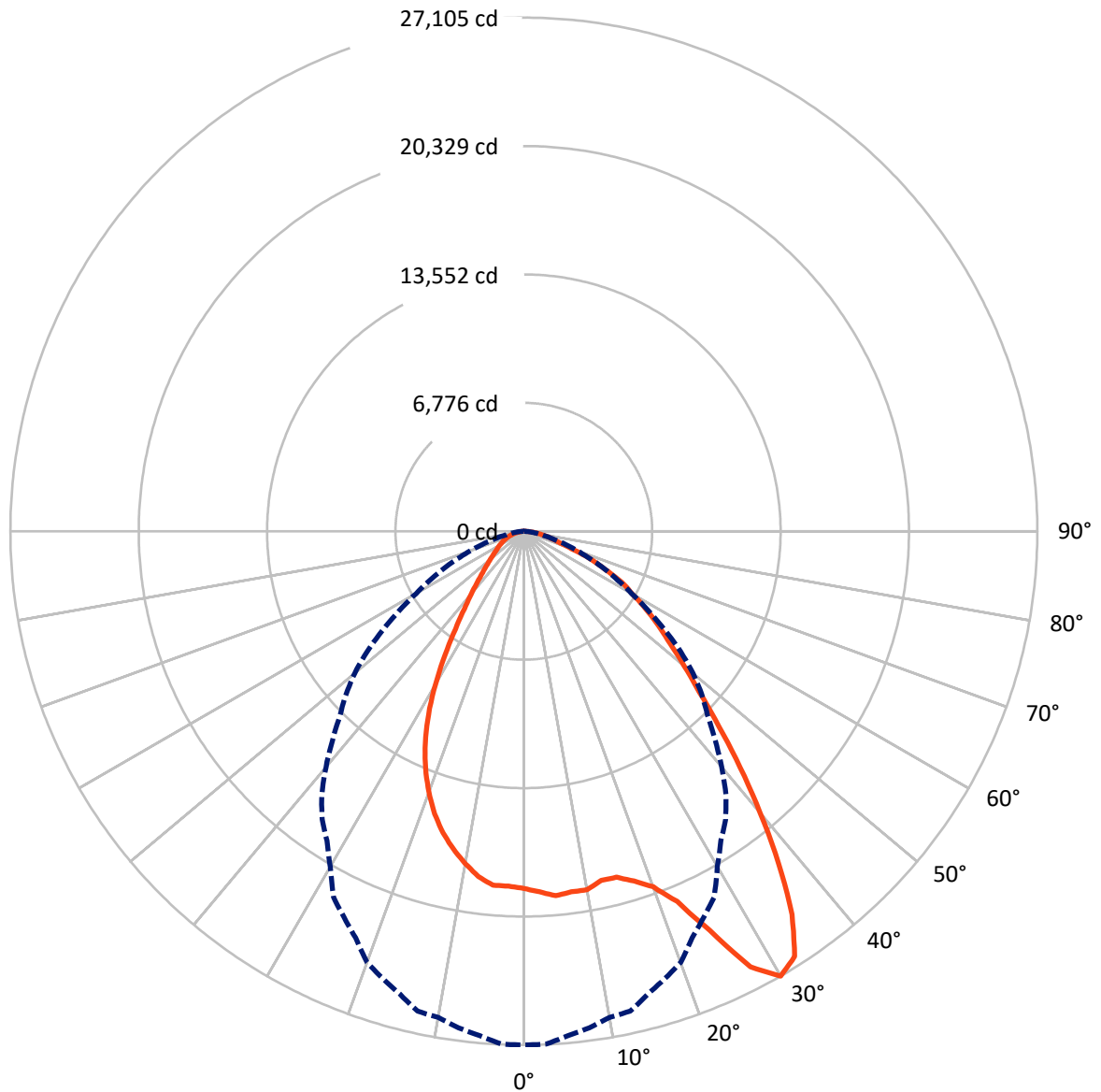
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Iso-Candela Plot



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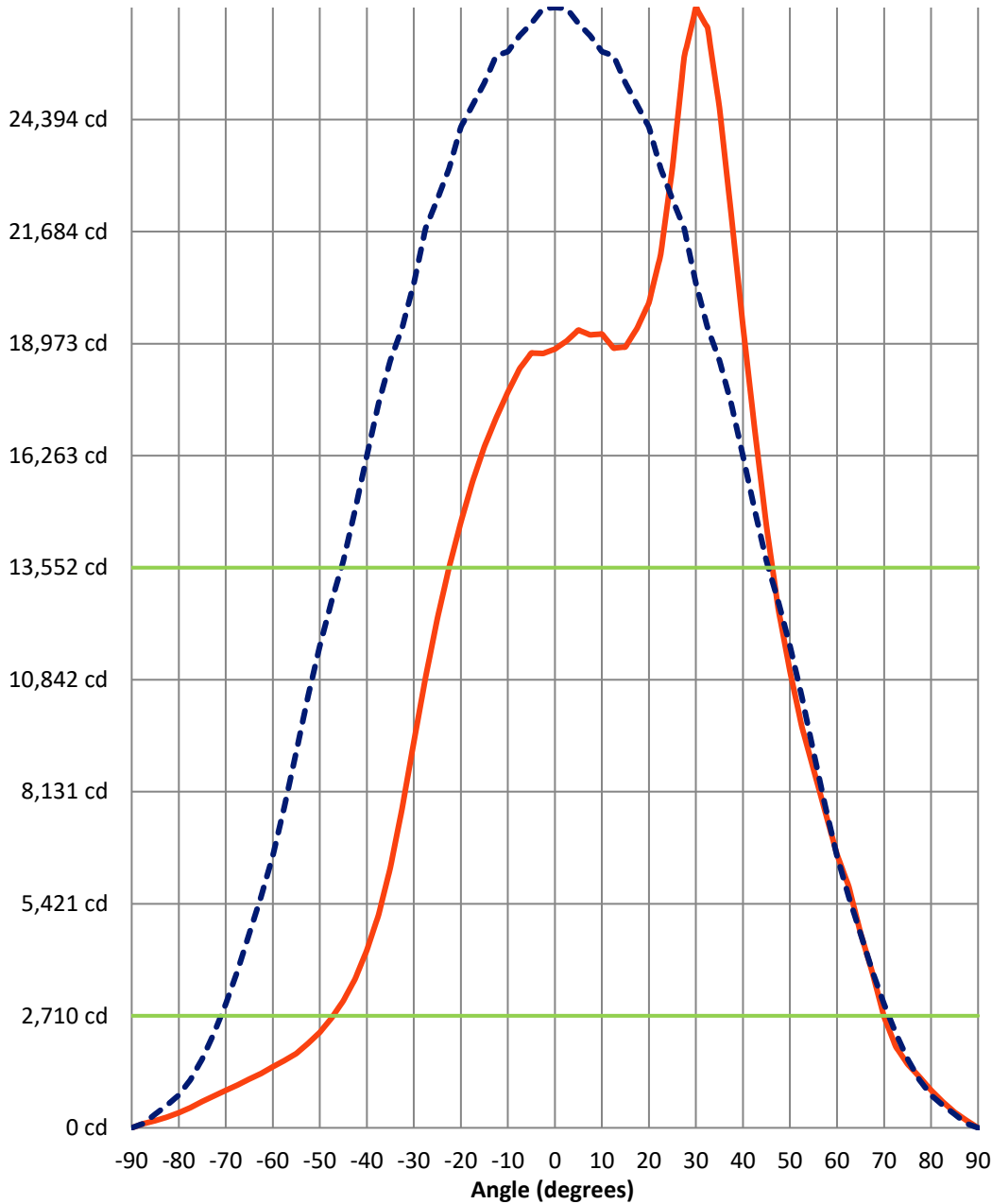
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 26310.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 42400
 Efficiency: 93.7%

Spill:
 Lumens: 2844.6
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-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°	182.1	186.9	191.7	191.7	186.9	186.9	186.9	182.1	186.9	186.9	186.9
85°	378.7	388.2	397.8	393.0	388.2	378.7	369.1	373.9	378.7	383.4	383.4
82.5°	627.9	642.3	651.9	647.1	637.5	627.9	618.3	623.1	632.7	637.5	637.5
80°	910.7	915.5	920.3	929.9	915.5	915.5	910.7	929.9	939.4	949.0	958.6
77.5°	1236.6	1241.4	1241.4	1246.2	1251.0	1255.8	1255.8	1289.3	1313.3	1327.7	1342.1
75°	1543.4	1557.7	1572.1	1586.5	1605.7	1615.3	1629.6	1677.6	1715.9	1744.7	1773.4
72.5°	1965.2	1984.3	2008.3	2041.8	2075.4	2099.4	2132.9	2190.4	2233.6	2262.3	2295.9
70°	2688.9	2708.1	2732.0	2756.0	2789.6	2813.5	2847.1	2919.0	2962.1	2981.3	3000.4
67.5°	3762.5	3810.5	3853.6	3805.7	3781.7	3748.2	3757.8	3824.9	3868.0	3896.8	3892.0
65°	4716.4	4749.9	4749.9	4745.1	4725.9	4682.8	4706.8	4788.3	4836.2	4860.2	4788.3
62.5°	5837.9	5837.9	5814.0	5852.3	5857.1	5828.4	5814.0	5818.8	5823.6	5837.9	5718.1
60°	6614.4	6662.3	6676.7	6710.3	6719.9	6719.9	6743.8	6763.0	6763.0	6734.2	6595.2
57.5°	7640.1	7731.2	7750.4	7726.4	7678.5	7616.2	7606.6	7577.8	7520.3	7462.8	7395.7
55°	8675.4	8723.4	8718.6	8704.2	8656.3	8584.4	8593.9	8555.6	8464.5	8392.6	8301.6
52.5°	9715.5	9830.5	9849.7	9821.0	9753.9	9677.2	9682.0	9638.8	9547.8	9471.1	9346.4
50°	11043.2	11139.1	11129.5	11081.5	10985.7	10928.2	10932.9	10851.5	10746.0	10722.1	10559.1
47.5°	12562.6	12672.8	12653.7	12586.6	12457.1	12433.2	12457.1	12351.7	12289.4	12236.7	12044.9
45°	14556.5	14685.9	14614.0	14484.6	14278.5	14302.5	14336.0	14316.8	14182.6	14043.6	13799.2
42.5°	16895.5	16977.0	16890.7	16761.3	16502.5	16550.4	16531.2	16416.2	16334.7	16104.7	15793.1
40°	19397.5	19574.8	19440.6	19239.3	18970.9	19042.8	18990.1	18841.5	18649.8	18362.2	17969.1
37.5°	22096.0	22235.0	22081.6	21846.7	21607.1	21583.1	21477.7	21247.6	20974.4	20658.0	20030.2
35°	24679.4	25038.9	24756.1	24382.3	24089.9	23979.6	23879.0	23347.0	23035.4	22522.5	21664.6
32.5°	26601.4	26865.1	26515.2	26126.9	25772.2	25618.9	25264.2	24631.5	24463.7	23385.3	22599.2
30°	27104.7	27085.5	26721.3	26424.1	26040.6	25935.2	25283.3	24746.5	24209.7	23212.7	22465.0
27.5°	25906.4	25786.6	25436.7	25177.9	24799.2	24674.6	24032.4	23744.8	22915.6	22072.0	21439.3
25°	23236.7	23299.0	23035.4	22906.0	22656.8	22388.3	22134.3	21746.1	21228.4	20490.3	19910.3
22.5°	21132.6	21214.0	21103.8	20950.4	20758.7	20610.1	20418.4	20116.4	19618.0	19162.6	18616.2
20°	19963.1	19939.1	19843.2	19728.2	19546.1	19440.6	19229.7	18975.7	18592.2	18199.2	17609.7
17.5°	19349.5	19201.0	19109.9	19066.8	18970.9	18836.7	18587.5	18328.6	18031.5	17585.7	17154.3
15°	18894.2	18918.2	18846.3	18812.7	18736.0	18549.1	18295.1	18084.2	17681.6	17456.3	17063.3
12.5°	18865.4	18841.5	18846.3	18831.9	18736.0	18496.4	18367.0	18098.6	17839.7	17542.6	17092.0
10°	19205.8	18951.7	18970.9	19038.0	18884.6	18692.9	18553.9	18261.5	18017.1	17638.4	17192.7
7.5°	19186.6	19057.2	19095.5	18985.3	19033.2	18798.3	18606.6	18314.2	18007.5	17604.9	17202.3
5°	19301.6	19105.1	19071.6	19081.1	18961.3	18784.0	18525.1	18247.1	17959.6	17509.0	17096.8
2.5°	19038.0	19066.8	18913.4	18855.9	18841.5	18544.3	18304.7	18036.3	17739.1	17341.3	16972.2
0°	18841.5	18894.2	18736.0	18654.6	18649.8	18395.7	18242.4	17935.6	17724.7	17394.0	16948.2
-2.5°	18736.0	18798.3	18817.5	18668.9	18525.1	18328.6	18069.8	17739.1	17394.0	17010.5	16627.1
-5°	18745.6	18621.0	18568.3	18616.2	18491.6	18295.1	18007.5	17715.1	17374.8	16962.6	16483.3
-7.5°	18367.0	18242.4	18232.8	18208.8	18180.0	17993.1	17753.5	17437.1	17092.0	16708.6	16262.8
-10°	17801.4	17710.3	17686.4	17662.4	17585.7	17475.5	17250.2	16962.6	16651.1	16267.6	15793.1
-12.5°	17173.5	17130.4	17039.3	16977.0	16900.3	16770.9	16555.2	16291.6	15980.0	15639.7	15232.3
-15°	16478.5	16397.0	16306.0	16253.2	16143.0	15989.6	15773.9	15529.5	15189.2	14853.7	14470.2
-17.5°	15639.7	15539.1	15438.4	15424.0	15347.3	15112.5	14911.2	14614.0	14316.8	13995.7	13621.9
-20°	14652.4	14513.4	14446.3	14407.9	14302.5	14129.9	13914.2	13641.0	13353.4	13046.7	12615.3



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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°	13559.5	13439.7	13324.7	13252.8	13161.7	13027.5	12821.4	12581.8	12299.0	11953.9	11556.0
-25°	12318.1	12150.4	12078.5	11997.0	11949.1	11824.5	11623.1	11402.7	11110.3	10774.8	10396.1
-27.5°	10899.4	10765.2	10726.8	10611.8	10554.3	10424.9	10257.1	10051.0	9782.6	9466.3	9154.7
-30°	9332.1	9250.6	9188.3	9073.2	9030.1	8891.1	8780.9	8608.3	8363.9	8138.6	7889.4
-32.5°	7721.6	7640.1	7621.0	7568.2	7539.5	7448.4	7323.8	7199.2	7002.6	6834.9	6633.6
-35°	6293.3	6235.8	6240.6	6235.8	6207.0	6139.9	5986.5	5953.0	5809.2	5655.8	5526.4
-37.5°	5152.5	5157.3	5152.5	5147.7	5109.4	5080.6	4970.4	4927.3	4841.0	4692.4	4615.7
-40°	4294.6	4304.2	4299.4	4289.8	4246.6	4232.3	4160.4	4102.9	4069.3	3963.9	3882.4
-42.5°	3599.6	3614.0	3609.2	3604.4	3575.6	3570.8	3532.5	3465.4	3446.2	3383.9	3297.6
-45°	3072.3	3067.6	3058.0	3067.6	3053.2	3038.8	3014.8	2971.7	2947.7	2919.0	2847.1
-47.5°	2655.4	2660.1	2650.6	2650.6	2631.4	2617.0	2607.4	2578.7	2559.5	2535.5	2492.4
-50°	2310.3	2329.4	2324.6	2319.8	2305.5	2295.9	2295.9	2267.1	2238.4	2228.8	2200.0
-52.5°	2041.8	2056.2	2061.0	2070.6	2075.4	2080.2	2065.8	2037.0	1989.1	1984.3	1969.9
-55°	1797.4	1840.5	1869.3	1888.5	1907.6	1922.0	1893.3	1854.9	1807.0	1787.8	1783.0
-57.5°	1629.6	1672.8	1706.3	1735.1	1759.0	1783.0	1754.3	1715.9	1672.8	1648.8	1644.0
-60°	1476.3	1514.6	1548.2	1586.5	1620.1	1658.4	1644.0	1615.3	1591.3	1572.1	1552.9
-62.5°	1313.3	1351.6	1390.0	1437.9	1481.1	1519.4	1524.2	1519.4	1514.6	1519.4	1485.8
-65°	1179.1	1198.3	1222.2	1275.0	1322.9	1366.0	1390.0	1404.4	1428.3	1452.3	1418.7
-67.5°	1035.3	1059.3	1088.0	1126.4	1164.7	1193.5	1227.0	1265.4	1303.7	1342.1	1318.1
-70°	905.9	925.1	949.0	968.2	992.2	1011.3	1040.1	1083.2	1126.4	1164.7	1155.1
-72.5°	771.7	790.9	805.2	814.8	829.2	838.8	853.2	891.5	920.3	939.4	939.4
-75°	637.5	656.6	671.0	675.8	685.4	690.2	699.8	714.2	728.5	733.3	738.1
-77.5°	488.9	508.1	522.4	532.0	541.6	551.2	556.0	565.6	570.4	570.4	575.2
-80°	364.3	378.7	388.2	402.6	407.4	417.0	426.6	431.4	436.2	436.2	441.0
-82.5°	258.8	268.4	278.0	287.6	297.2	302.0	311.5	316.3	321.1	325.9	330.7
-85°	172.5	182.1	191.7	201.3	206.1	210.9	215.7	220.5	225.3	230.1	234.9
-87.5°	100.7	105.4	110.2	119.8	124.6	134.2	139.0	134.2	139.0	139.0	139.0
-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):

	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°	186.9	186.9	186.9	186.9	182.1	172.5	167.8	158.2	148.6	139.0	129.4
85°	388.2	393.0	393.0	393.0	383.4	378.7	364.3	349.9	330.7	302.0	278.0
82.5°	647.1	651.9	651.9	647.1	637.5	623.1	603.9	580.0	541.6	503.3	469.7
80°	973.0	977.8	977.8	973.0	949.0	925.1	901.1	872.3	824.4	771.7	714.2
77.5°	1361.2	1370.8	1370.8	1356.4	1322.9	1294.1	1255.8	1207.8	1136.0	1059.3	982.6
75°	1811.8	1835.7	1840.5	1826.2	1783.0	1730.3	1668.0	1586.5	1476.3	1380.4	1289.3
72.5°	2334.2	2358.2	2377.4	2358.2	2295.9	2224.0	2132.9	2037.0	1926.8	1797.4	1644.0
70°	3019.6	3043.6	3058.0	2995.7	2885.4	2765.6	2655.4	2545.1	2415.7	2257.5	2089.8
67.5°	3882.4	3858.4	3829.6	3705.0	3566.0	3422.2	3268.9	3105.9	2938.1	2770.4	2573.9
65°	4711.6	4644.5	4582.2	4433.6	4256.2	4069.3	3892.0	3709.8	3508.5	3297.6	3110.7
62.5°	5583.9	5440.1	5286.7	5104.6	4922.5	4716.4	4539.0	4323.3	4098.1	3839.2	3599.6
60°	6441.9	6269.3	6115.9	5890.7	5651.0	5373.0	5181.3	4970.4	4706.8	4428.8	4146.0
57.5°	7271.1	7084.1	6916.4	6719.9	6461.0	6159.1	5948.2	5675.0	5397.0	5047.1	4759.5
55°	8153.0	7966.1	7831.8	7611.4	7328.6	7050.6	6820.5	6532.9	6144.7	5770.8	5416.1
52.5°	9164.3	9015.7	8871.9	8646.7	8306.4	8023.6	7769.5	7448.4	7041.0	6580.9	6154.3
50°	10295.5	10218.8	10065.4	9801.8	9413.6	9164.3	8828.8	8402.2	7966.1	7482.0	6949.9
47.5°	11795.7	11671.1	11455.4	11167.8	10841.9	10468.0	10017.5	9519.0	8900.7	8363.9	7798.3
45°	13588.3	13358.2	13080.2	12692.0	12289.4	11867.6	11373.9	10741.2	9912.0	9212.2	8617.9
42.5°	15529.5	15217.9	14839.3	14331.2	13808.8	13291.1	12759.1	11896.4	10861.1	10055.8	9384.8
40°	17556.9	17159.1	16684.6	15946.5	15366.5	14700.3	14091.6	12802.2	11699.8	10827.5	10113.3
37.5°	19541.3	19038.0	18242.4	17346.1	16670.2	16123.8	14786.6	13406.2	12418.8	11460.2	10736.4
35°	21060.7	20634.1	19229.7	18299.9	17719.9	16857.2	15184.4	13770.4	12725.6	11929.9	10803.5
32.5°	21961.8	20859.4	19627.5	18688.1	18208.8	16794.9	15213.1	13875.9	12869.3	11977.8	10631.0
30°	21760.5	20428.0	19349.5	18563.5	17523.4	16253.2	14944.7	13712.9	12735.1	11656.7	10439.3
27.5°	20547.8	19517.3	18553.9	17734.3	16713.4	15572.6	14364.8	13281.5	12370.9	11326.0	10175.6
25°	19177.0	18242.4	17528.2	16814.0	15845.8	14757.8	13693.7	12912.5	11997.0	10966.5	9830.5
22.5°	17916.4	17245.4	16684.6	15936.9	14992.7	14043.6	13382.2	12572.2	11632.7	10587.8	9475.9
20°	17111.2	16655.9	16013.6	15189.2	14446.3	13851.9	13118.6	12260.6	11292.4	10199.6	9173.9
17.5°	16723.0	16195.7	15481.6	14944.7	14374.4	13722.5	12902.9	11992.2	10961.7	10022.3	9207.5
15°	16521.6	15965.7	15495.9	14968.7	14326.4	13641.0	12730.3	11786.1	10961.7	10094.2	9231.4
12.5°	16564.8	16085.5	15572.6	14997.5	14307.3	13573.9	12749.5	11872.4	11019.2	10146.9	9236.2
10°	16699.0	16195.7	15649.3	15011.8	14316.8	13593.1	12802.2	11925.1	11048.0	10170.9	9226.6
7.5°	16746.9	16200.5	15615.8	14973.5	14292.9	13583.5	12811.8	11939.5	11052.8	10166.1	9197.9
5°	16598.3	16104.7	15539.1	14892.0	14225.8	13535.6	12773.5	11920.3	11014.4	10118.1	9126.0
2.5°	16397.0	15999.2	15457.6	14834.5	14158.7	13468.5	12711.2	11834.0	10928.2	10031.9	9034.9
0°	16363.5	15869.8	15323.4	14767.4	14048.4	13319.9	12567.4	11671.1	10770.0	9868.9	8876.7
-2.5°	16143.0	15620.6	15074.1	14470.2	13837.5	13104.2	12313.3	11436.2	10544.7	9658.0	8704.2
-5°	15975.2	15395.3	14815.3	14163.5	13526.0	12792.7	11973.0	11119.9	10247.5	9384.8	8464.5
-7.5°	15750.0	15155.6	14546.9	13866.3	13176.1	12428.4	11618.4	10765.2	9907.2	9049.3	8167.4
-10°	15294.6	14772.2	14201.8	13497.2	12768.7	12021.0	11215.7	10377.0	9519.0	8651.5	7764.7
-12.5°	14743.4	14192.2	13569.1	12922.1	12270.2	11575.2	10770.0	9945.6	9082.8	8210.5	7328.6
-15°	14029.3	13487.6	12850.2	12217.5	11589.6	10923.4	10214.0	9471.1	8593.9	7736.0	6854.1
-17.5°	13137.8	12629.7	12059.3	11455.4	10832.3	10161.3	9471.1	8843.2	8023.6	7218.3	6346.0
-20°	12179.1	11704.6	11191.8	10621.4	9998.3	9341.7	8689.8	8033.2	7323.8	6614.4	5804.4



REPORT NUMBER: P722002
 CATALOG NUMBER: IFLD-S-SA6E-727-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	11182.2	10702.9	10185.2	9653.2	9078.0	8469.3	7865.4	7237.5	6614.4	5972.1	5286.7
-25°	10031.9	9610.1	9135.6	8617.9	8105.0	7573.0	6997.9	6427.5	5895.5	5339.5	4778.7
-27.5°	8828.8	8440.6	8009.2	7558.6	7117.7	6671.9	6173.4	5646.2	5205.3	4745.1	4280.2
-30°	7563.4	7251.9	6902.0	6509.0	6168.7	5809.2	5392.2	4956.0	4553.4	4203.5	3829.6
-32.5°	6365.2	6101.6	5852.3	5593.5	5258.0	4980.0	4692.4	4371.3	4016.6	3685.9	3417.4
-35°	5334.7	5051.9	4946.4	4754.7	4515.1	4270.6	4059.7	3829.6	3561.2	3268.9	3048.4
-37.5°	4467.1	4299.4	4150.8	4045.3	3887.2	3690.6	3522.9	3355.1	3149.0	2928.6	2708.1
-40°	3791.3	3676.3	3513.3	3460.6	3359.9	3225.7	3053.2	2923.8	2784.8	2617.0	2430.1
-42.5°	3249.7	3163.4	3058.0	2966.9	2923.8	2827.9	2693.7	2569.1	2458.8	2343.8	2200.0
-45°	2803.9	2746.4	2679.3	2597.8	2564.3	2487.6	2391.7	2252.7	2190.4	2094.6	1989.1
-47.5°	2444.5	2415.7	2367.8	2315.0	2267.1	2209.6	2123.3	2037.0	1950.8	1888.5	1807.0
-50°	2161.7	2142.5	2113.7	2070.6	2008.3	1969.9	1912.4	1835.7	1754.3	1701.5	1644.0
-52.5°	1936.4	1917.2	1898.0	1864.5	1816.6	1778.2	1730.3	1668.0	1600.9	1548.2	1500.2
-55°	1763.8	1735.1	1720.7	1691.9	1653.6	1610.5	1567.3	1524.2	1466.7	1418.7	1370.8
-57.5°	1629.6	1591.3	1572.1	1548.2	1509.8	1466.7	1433.1	1390.0	1351.6	1298.9	1255.8
-60°	1524.2	1481.1	1442.7	1418.7	1385.2	1342.1	1308.5	1275.0	1236.6	1193.5	1140.7
-62.5°	1437.9	1385.2	1332.5	1303.7	1270.2	1231.8	1198.3	1164.7	1126.4	1083.2	1035.3
-65°	1356.4	1294.1	1227.0	1198.3	1164.7	1126.4	1083.2	1059.3	1025.7	987.4	939.4
-67.5°	1255.8	1188.7	1131.2	1097.6	1064.1	1030.5	992.2	968.2	934.6	886.7	838.8
-70°	1107.2	1064.1	1025.7	997.0	968.2	939.4	901.1	862.7	824.4	781.3	738.1
-72.5°	920.3	905.9	901.1	886.7	853.2	819.6	781.3	742.9	709.4	675.8	642.3
-75°	742.9	752.5	762.1	757.3	723.8	690.2	656.6	623.1	599.1	570.4	541.6
-77.5°	589.5	599.1	608.7	608.7	584.8	565.6	541.6	517.6	498.5	474.5	445.8
-80°	455.3	469.7	484.1	493.7	474.5	460.1	441.0	421.8	402.6	383.4	364.3
-82.5°	345.1	359.5	373.9	383.4	369.1	359.5	345.1	330.7	316.3	297.2	282.8
-85°	249.2	258.8	268.4	273.2	263.6	254.0	244.4	234.9	225.3	210.9	201.3
-87.5°	143.8	148.6	153.4	158.2	148.6	139.0	134.2	124.6	119.8	110.2	105.4
-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-S-SA6E-727-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°	119.8	110.2	100.7	95.9	86.3	71.9	62.3	52.7	43.1	33.6	28.8
85°	254.0	230.1	201.3	186.9	167.8	148.6	129.4	110.2	91.1	71.9	52.7
82.5°	436.2	407.4	378.7	345.1	302.0	249.2	196.5	163.0	134.2	105.4	81.5
80°	656.6	603.9	556.0	512.9	464.9	397.8	325.9	258.8	182.1	139.0	105.4
77.5°	910.7	848.4	781.3	709.4	632.7	541.6	460.1	373.9	282.8	191.7	134.2
75°	1198.3	1116.8	1025.7	925.1	824.4	704.6	589.5	488.9	383.4	268.4	163.0
72.5°	1519.4	1418.7	1308.5	1174.3	1016.1	877.1	738.1	603.9	479.3	340.3	220.5
70°	1931.6	1773.4	1610.5	1466.7	1265.4	1044.9	881.9	728.5	570.4	417.0	278.0
67.5°	2372.6	2180.8	1984.3	1773.4	1519.4	1260.6	1025.7	853.2	666.2	488.9	330.7
65°	2851.9	2612.2	2363.0	2128.1	1778.2	1471.5	1207.8	973.0	757.3	556.0	383.4
62.5°	3345.5	3062.8	2775.2	2468.4	2065.8	1687.2	1380.4	1107.2	843.6	618.3	431.4
60°	3872.8	3542.1	3192.2	2808.7	2339.0	1922.0	1543.4	1246.2	934.6	680.6	484.1
57.5°	4428.8	4069.3	3657.1	3139.4	2621.8	2147.3	1730.3	1370.8	1016.1	738.1	522.4
55°	5032.7	4620.5	4170.0	3484.5	2899.8	2372.6	1917.2	1495.4	1102.4	786.1	560.8
52.5°	5684.6	5205.3	4634.9	3848.8	3192.2	2602.6	2089.8	1605.7	1183.9	838.8	594.3
50°	6413.1	5809.2	5042.3	4184.3	3446.2	2818.3	2262.3	1725.5	1251.0	896.3	623.1
47.5°	7170.4	6518.5	5406.6	4495.9	3705.0	3029.2	2439.7	1830.9	1318.1	944.2	651.9
45°	7961.3	7012.2	5785.2	4773.9	3930.3	3220.9	2573.9	1926.8	1399.6	987.4	675.8
42.5°	8742.5	7386.1	6115.9	5051.9	4141.2	3393.5	2684.1	2017.9	1466.7	1030.5	699.8
40°	9111.6	7668.9	6379.6	5243.6	4318.5	3546.9	2780.0	2099.4	1524.2	1059.3	723.8
37.5°	9265.0	7841.4	6552.1	5425.7	4457.5	3628.3	2861.5	2171.3	1572.1	1088.0	742.9
35°	9298.5	7903.7	6638.4	5550.4	4572.6	3705.0	2923.8	2224.0	1610.5	1116.8	762.1
32.5°	9236.2	7884.6	6662.3	5593.5	4644.5	3762.5	2966.9	2262.3	1639.2	1145.5	781.3
30°	9097.2	7783.9	6576.1	5588.7	4697.2	3796.1	2995.7	2291.1	1668.0	1164.7	790.9
27.5°	8871.9	7606.6	6465.8	5593.5	4725.9	3810.5	3010.0	2305.5	1687.2	1179.1	810.0
25°	8593.9	7366.9	6470.6	5583.9	4730.7	3815.3	3010.0	2305.5	1691.9	1183.9	824.4
22.5°	8272.8	7366.9	6470.6	5569.5	4702.0	3805.7	2995.7	2295.9	1691.9	1193.5	838.8
20°	8292.0	7371.7	6456.2	5540.8	4658.8	3776.9	2962.1	2271.9	1677.6	1207.8	848.4
17.5°	8306.4	7362.1	6427.5	5502.4	4601.3	3729.0	2919.0	2238.4	1677.6	1222.2	853.2
15°	8306.4	7333.4	6384.3	5444.9	4529.4	3661.9	2856.7	2209.6	1682.4	1227.0	862.7
12.5°	8292.0	7280.6	6317.2	5368.2	4443.2	3580.4	2818.3	2200.0	1682.4	1231.8	862.7
10°	8263.2	7208.7	6231.0	5272.4	4361.7	3551.7	2799.1	2180.8	1672.8	1231.8	862.7
7.5°	8210.5	7122.5	6159.1	5214.8	4313.7	3518.1	2770.4	2152.1	1658.4	1222.2	872.3
5°	8129.0	7074.5	6101.6	5147.7	4246.6	3494.1	2751.2	2128.1	1648.8	1222.2	862.7
2.5°	8023.6	7017.0	6034.5	5061.5	4170.0	3412.7	2688.9	2075.4	1615.3	1203.1	853.2
0°	7851.0	6902.0	5919.4	4941.6	4064.5	3331.2	2626.6	2022.7	1581.7	1183.9	843.6
-2.5°	7692.8	6748.6	5770.8	4817.0	3963.9	3259.3	2578.7	1993.9	1567.3	1179.1	838.8
-5°	7472.4	6537.7	5574.3	4654.1	3829.6	3187.4	2530.7	1960.4	1552.9	1169.5	838.8
-7.5°	7227.9	6317.2	5368.2	4486.3	3695.4	3062.8	2439.7	1907.6	1519.4	1150.3	834.0
-10°	6849.3	5986.5	5109.4	4294.6	3551.7	2952.5	2363.0	1859.7	1490.6	1131.2	814.8
-12.5°	6446.7	5622.2	4812.2	4059.7	3388.7	2837.5	2276.7	1807.0	1457.1	1112.0	805.2
-15°	6020.1	5248.4	4500.7	3815.3	3211.3	2698.5	2185.6	1749.5	1423.5	1088.0	790.9
-17.5°	5574.3	4855.4	4179.5	3566.0	3034.0	2554.7	2089.8	1696.7	1385.2	1064.1	776.5
-20°	5104.6	4452.7	3853.6	3312.0	2847.1	2410.9	1989.1	1634.4	1342.1	1035.3	757.3



REPORT NUMBER: P722002
 CATALOG NUMBER: IFLD-S-SA6E-727-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	4639.7	4054.9	3518.1	3062.8	2655.4	2262.3	1888.5	1572.1	1294.1	1001.7	742.9
-25°	4227.5	3681.1	3220.9	2823.1	2468.4	2118.5	1783.0	1509.8	1241.4	968.2	723.8
-27.5°	3824.9	3359.9	2928.6	2597.8	2286.3	1979.5	1682.4	1442.7	1188.7	929.9	704.6
-30°	3451.0	3053.2	2698.5	2377.4	2113.7	1854.9	1596.1	1375.6	1131.2	891.5	680.6
-32.5°	3110.7	2789.6	2492.4	2185.6	1950.8	1730.3	1514.6	1308.5	1073.6	853.2	656.6
-35°	2794.3	2545.1	2286.3	2027.5	1787.8	1615.3	1428.3	1236.6	1020.9	810.0	632.7
-37.5°	2511.6	2310.3	2104.1	1883.7	1677.6	1505.0	1346.8	1164.7	968.2	771.7	608.7
-40°	2267.1	2104.1	1922.0	1744.7	1572.1	1409.2	1265.4	1092.8	915.5	742.9	584.8
-42.5°	2041.8	1917.2	1768.6	1620.1	1466.7	1322.9	1183.9	1016.1	862.7	709.4	560.8
-45°	1869.3	1744.7	1624.8	1490.6	1361.2	1236.6	1097.6	949.0	814.8	671.0	536.8
-47.5°	1706.3	1596.1	1485.8	1375.6	1270.2	1155.1	1016.1	891.5	762.1	637.5	517.6
-50°	1562.5	1457.1	1361.2	1265.4	1174.3	1064.1	934.6	834.0	719.0	603.9	493.7
-52.5°	1428.3	1337.3	1241.4	1164.7	1088.0	977.8	872.3	776.5	675.8	565.6	469.7
-55°	1308.5	1222.2	1136.0	1064.1	992.2	896.3	810.0	728.5	632.7	536.8	445.8
-57.5°	1193.5	1121.6	1040.1	973.0	901.1	824.4	752.5	675.8	589.5	508.1	421.8
-60°	1088.0	1020.9	949.0	881.9	819.6	757.3	690.2	627.9	551.2	474.5	397.8
-62.5°	982.6	925.1	862.7	795.6	747.7	690.2	637.5	575.2	512.9	445.8	354.7
-65°	886.7	834.0	776.5	719.0	675.8	632.7	584.8	527.2	474.5	412.2	316.3
-67.5°	790.9	742.9	695.0	647.1	608.7	575.2	527.2	484.1	441.0	373.9	278.0
-70°	699.8	661.4	618.3	580.0	551.2	512.9	479.3	441.0	402.6	325.9	234.9
-72.5°	613.5	575.2	541.6	512.9	488.9	455.3	426.6	397.8	345.1	273.2	196.5
-75°	512.9	488.9	469.7	445.8	421.8	397.8	373.9	340.3	287.6	220.5	153.4
-77.5°	421.8	407.4	393.0	373.9	354.7	335.5	306.8	273.2	230.1	172.5	124.6
-80°	345.1	330.7	321.1	302.0	287.6	268.4	239.7	210.9	167.8	134.2	100.7
-82.5°	263.6	254.0	244.4	234.9	220.5	201.3	172.5	148.6	124.6	100.7	76.7
-85°	186.9	182.1	172.5	163.0	148.6	134.2	115.0	100.7	86.3	67.1	52.7
-87.5°	95.9	91.1	86.3	81.5	76.7	67.1	57.5	47.9	43.1	33.6	24.0
-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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 CATALOG NUMBER: IFLD-S-SA6E-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	19.2	14.4	4.8	0.0
85°	38.3	24.0	9.6	0.0
82.5°	57.5	38.3	14.4	0.0
80°	76.7	47.9	24.0	0.0
77.5°	95.9	57.5	28.8	0.0
75°	115.0	71.9	33.6	0.0
72.5°	129.4	81.5	38.3	0.0
70°	153.4	95.9	43.1	0.0
67.5°	191.7	105.4	47.9	0.0
65°	225.3	115.0	52.7	0.0
62.5°	263.6	124.6	57.5	0.0
60°	297.2	134.2	62.3	0.0
57.5°	330.7	158.2	67.1	0.0
55°	359.5	177.3	71.9	0.0
52.5°	393.0	196.5	76.7	0.0
50°	421.8	215.7	81.5	0.0
47.5°	445.8	234.9	81.5	0.0
45°	464.9	249.2	86.3	0.0
42.5°	479.3	263.6	91.1	0.0
40°	493.7	278.0	95.9	0.0
37.5°	508.1	292.4	95.9	0.0
35°	522.4	306.8	100.7	0.0
32.5°	536.8	321.1	100.7	0.0
30°	546.4	330.7	105.4	0.0
27.5°	560.8	340.3	105.4	0.0
25°	565.6	349.9	110.2	0.0
22.5°	575.2	354.7	110.2	0.0
20°	584.8	364.3	110.2	0.0
17.5°	589.5	369.1	115.0	0.0
15°	589.5	373.9	119.8	0.0
12.5°	594.3	378.7	119.8	0.0
10°	594.3	388.2	115.0	0.0
7.5°	603.9	383.4	115.0	0.0
5°	599.1	383.4	115.0	0.0
2.5°	594.3	378.7	115.0	0.0
0°	589.5	378.7	115.0	0.0
-2.5°	589.5	378.7	115.0	0.0
-5°	589.5	378.7	115.0	0.0
-7.5°	584.8	383.4	115.0	0.0
-10°	575.2	383.4	115.0	0.0
-12.5°	570.4	369.1	115.0	0.0
-15°	565.6	364.3	115.0	0.0
-17.5°	556.0	359.5	110.2	0.0
-20°	546.4	354.7	110.2	0.0



REPORT NUMBER: P722002

CATALOG NUMBER: IFLD-S-SA6E-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	536.8	345.1	110.2	0.0
-25°	527.2	335.5	105.4	0.0
-27.5°	517.6	325.9	105.4	0.0
-30°	503.3	316.3	100.7	0.0
-32.5°	488.9	306.8	100.7	0.0
-35°	479.3	292.4	95.9	0.0
-37.5°	464.9	278.0	95.9	0.0
-40°	450.5	263.6	91.1	0.0
-42.5°	436.2	249.2	86.3	0.0
-45°	417.0	234.9	86.3	0.0
-47.5°	402.6	220.5	81.5	0.0
-50°	378.7	201.3	76.7	0.0
-52.5°	349.9	182.1	71.9	0.0
-55°	321.1	167.8	67.1	0.0
-57.5°	292.4	148.6	67.1	0.0
-60°	263.6	129.4	62.3	0.0
-62.5°	234.9	119.8	57.5	0.0
-65°	206.1	110.2	52.7	0.0
-67.5°	172.5	95.9	47.9	0.0
-70°	143.8	86.3	43.1	0.0
-72.5°	124.6	76.7	38.3	0.0
-75°	105.4	67.1	33.6	0.0
-77.5°	91.1	57.5	28.8	0.0
-80°	71.9	43.1	19.2	0.0
-82.5°	52.7	33.6	14.4	0.0
-85°	33.6	24.0	9.6	0.0
-87.5°	19.2	9.6	4.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)