

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: P723733

Luminaire Tested: **IFLD-S-SA6D-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723733
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	24204.6 lumens	Max Intensity:	569449.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	65.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	8777.6 lumens	Field Lumens:	13993.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

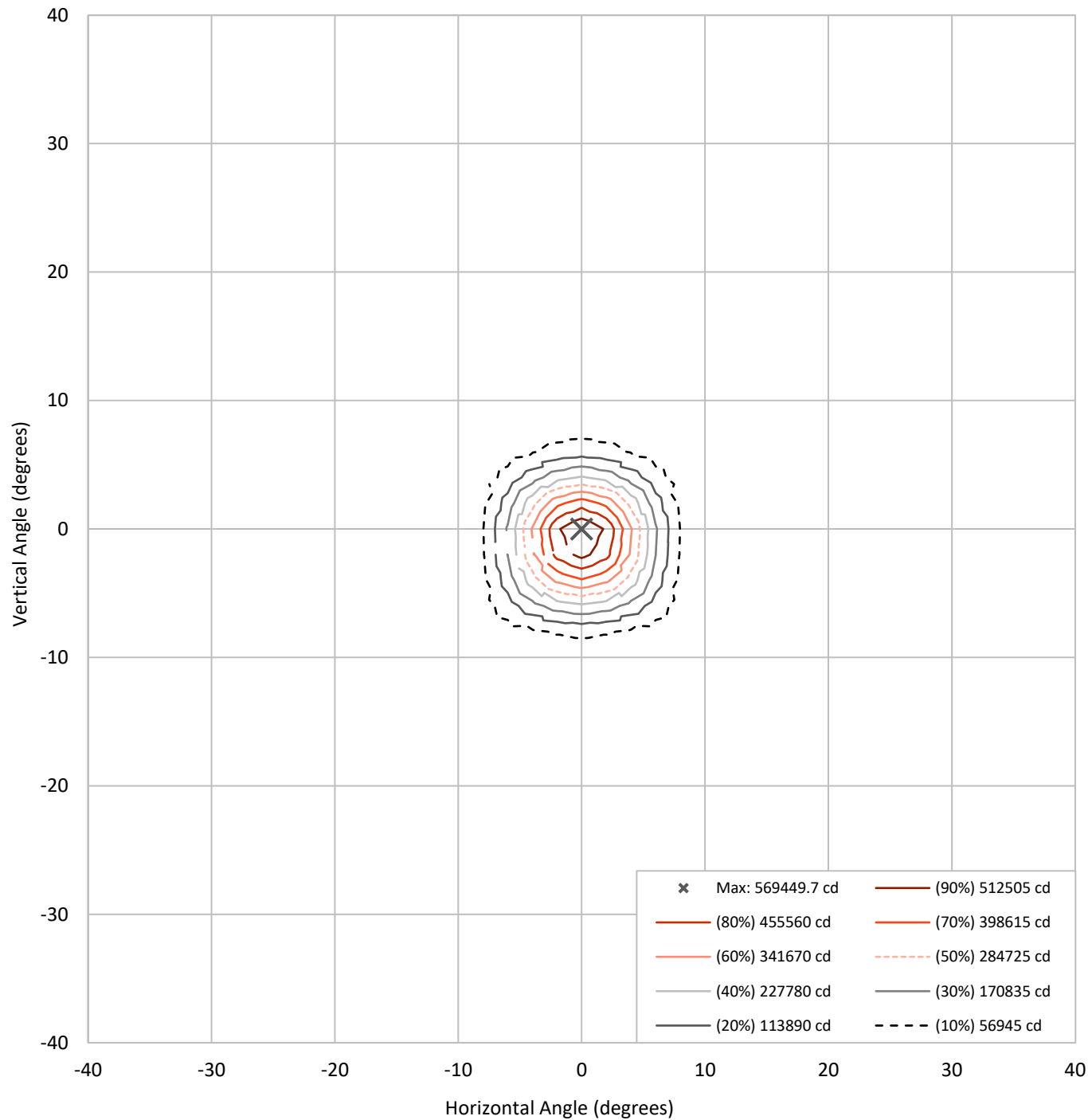
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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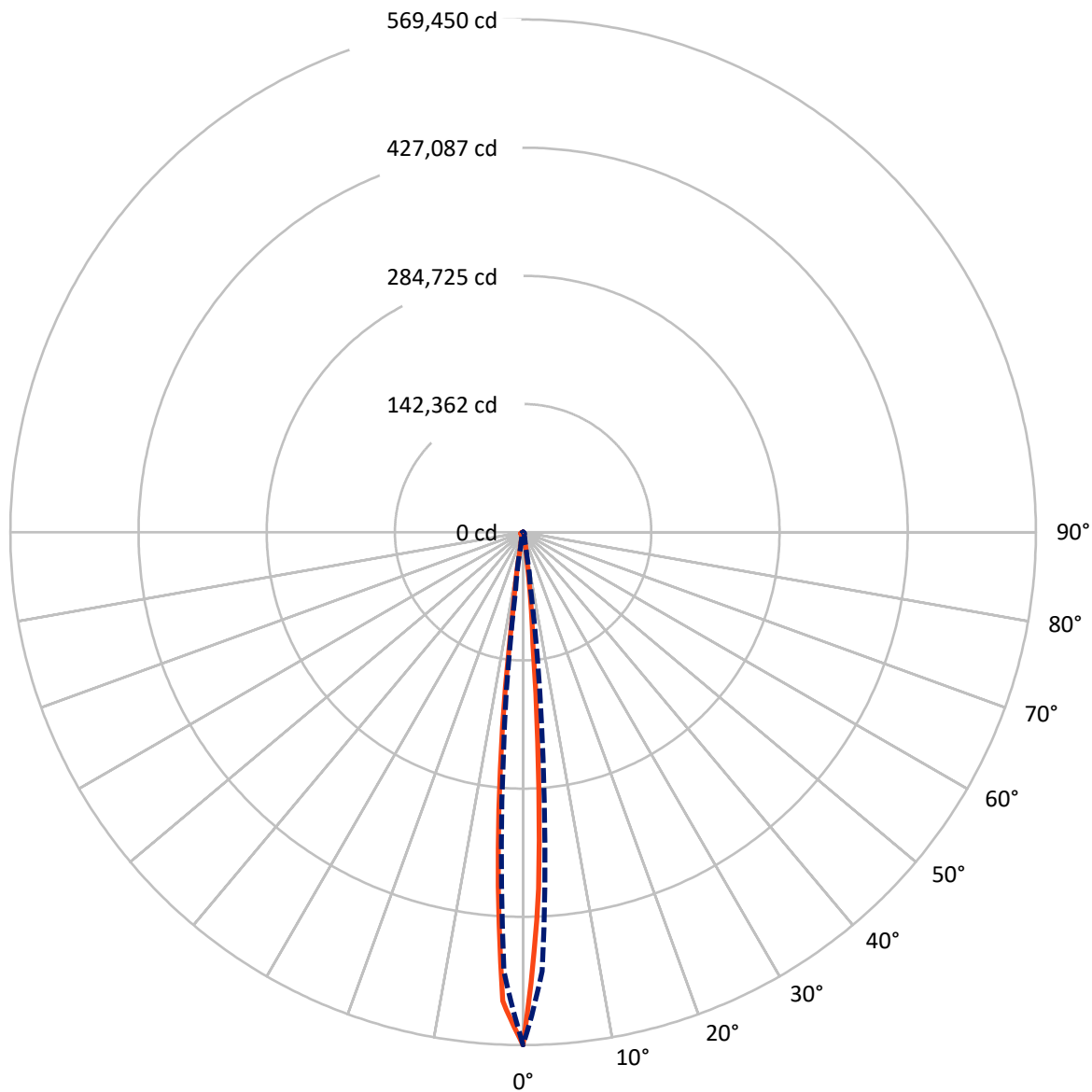
Lumen Table

90																			
80	0.4	5.4		5.9		2.2		0.6		2.2		5.9		5.4		0.4			
70																			
60	0.6	1.2	1.5	1.2	1.0	0.8	0.6	0.3	0.3	0.6	0.8	1.0	1.2	1.5	1.2	0.6			
50		0.8	1.1	2.8	6.2	10.2	13.1	15.0	15.0	13.1	10.2	6.2	2.8	1.1	0.8				
40	0.6	0.8	3.3	11.0	21.7	31.7	38.2	42.3	42.3	38.2	31.7	21.7	11.0	3.3	0.8	0.6			
30		1.6	8.4	22.6	36.8	43.2	46.7	48.3	48.3	46.7	43.2	36.8	22.6	8.4	1.6				
20	1.0	3.1	14.3	33.0	42.6	43.9	51.8	62.4	62.4	51.8	43.9	42.6	33.0	14.3	3.1	1.0			
10		4.9	20.1	40.5	45.5	51.3	90.2	153.6	153.6	90.2	51.3	45.5	40.5	20.1	4.9				
0	1.6	6.4	24.7	44.5	47.2	63.3	171.4	3177.5	3177.5	171.4	63.3	47.2	44.5	24.7	6.4	1.6			
-10		7.5	27.0	46.7	48.9	65.5	184.7	4633.0	4633.0	184.7	65.5	48.9	46.7	27.0	7.5				
-20	2.3	8.0	27.7	49.2	52.9	59.1	107.4	206.1	206.1	107.4	59.1	52.9	49.2	27.7	8.0	2.3			
-30		7.5	26.3	49.8	59.4	59.5	69.5	84.8	84.8	69.5	59.5	59.4	49.8	26.3	7.5				
-40	2.6	6.7	23.3	47.6	65.3	71.2	74.1	74.7	74.7	74.1	71.2	65.3	47.6	23.3	6.7	2.6			
-50		5.9	18.7	40.4	63.0	76.6	85.9	90.0	90.0	85.9	76.6	63.0	40.4	18.7	5.9				
-60	2.0	5.3	14.5	31.3	53.7	72.2	83.8	88.7	88.7	83.8	72.2	53.7	31.3	14.5	5.3	2.0			
-70		4.9	12.7	25.6	44.8	63.1	76.4	82.5	82.5	76.4	63.1	44.8	25.6	12.7	4.9				
-80	0.9	15.0		44.6		82.6		91.2		82.6		44.6		15.0		0.9			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



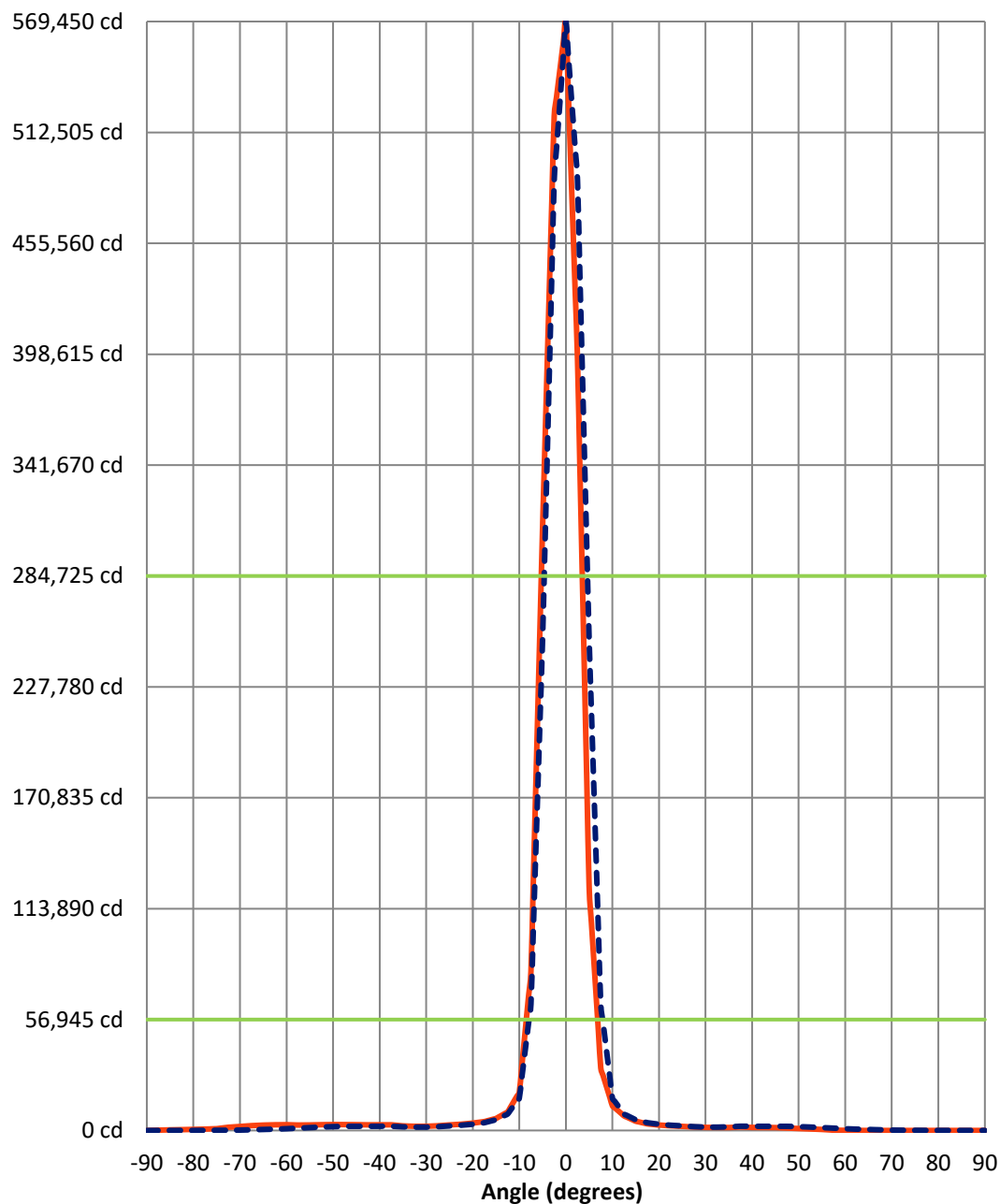
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8777.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 13993.2

Efficiency: 57.8%

Spill:

Lumens: 10211.5

Efficiency: 42.2%

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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	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
85°	0.0	5.6	5.6	11.2	11.2	11.2	16.8	22.4	27.9	27.9	33.5
82.5°	0.0	5.6	5.6	11.2	11.2	16.8	16.8	27.9	33.5	39.1	50.3
80°	5.6	5.6	5.6	11.2	11.2	16.8	16.8	22.4	27.9	39.1	44.7
77.5°	0.0	5.6	5.6	5.6	11.2	11.2	11.2	16.8	22.4	27.9	33.5
75°	0.0	5.6	5.6	5.6	11.2	11.2	11.2	11.2	16.8	16.8	22.4
72.5°	0.0	0.0	0.0	5.6	5.6	11.2	11.2	11.2	16.8	16.8	16.8
70°	0.0	0.0	0.0	5.6	5.6	11.2	11.2	11.2	16.8	16.8	16.8
67.5°	0.0	0.0	0.0	5.6	5.6	11.2	11.2	11.2	16.8	16.8	16.8
65°	0.0	0.0	0.0	5.6	5.6	11.2	11.2	16.8	16.8	16.8	16.8
62.5°	5.6	5.6	5.6	11.2	16.8	16.8	22.4	27.9	27.9	27.9	27.9
60°	55.9	61.5	67.1	67.1	61.5	61.5	67.1	67.1	67.1	67.1	67.1
57.5°	150.9	162.0	167.6	167.6	167.6	162.0	184.4	190.0	167.6	156.5	173.2
55°	525.2	542.0	530.8	514.1	480.5	441.4	430.2	424.7	430.2	402.3	357.6
52.5°	765.5	782.3	776.7	765.5	743.1	715.2	692.9	670.5	648.2	603.5	553.2
50°	994.6	1000.2	994.6	983.4	961.1	933.1	888.4	838.1	793.4	782.3	737.6
47.5°	1251.6	1268.4	1268.4	1262.8	1246.0	1195.7	1128.7	1056.0	1022.5	1011.3	966.6
45°	1480.7	1491.9	1497.5	1503.1	1497.5	1447.2	1385.7	1346.6	1274.0	1251.6	1251.6
42.5°	1542.2	1547.8	1553.3	1558.9	1575.7	1536.6	1486.3	1419.2	1402.5	1396.9	1385.7
40°	1564.5	1553.3	1558.9	1564.5	1570.1	1542.2	1503.1	1463.9	1452.8	1441.6	1441.6
37.5°	1776.8	1726.6	1687.4	1653.9	1626.0	1598.0	1558.9	1525.4	1497.5	1475.1	1497.5
35°	1514.2	1514.2	1553.3	1586.9	1620.4	1653.9	1659.5	1620.4	1558.9	1531.0	1570.1
32.5°	1547.8	1547.8	1547.8	1558.9	1570.1	1598.0	1626.0	1642.7	1687.4	1637.2	1637.2
30°	1581.3	1586.9	1598.0	1603.6	1586.9	1575.7	1564.5	1564.5	1592.5	1665.1	1704.2
27.5°	1776.8	1776.8	1760.1	1737.7	1687.4	1609.2	1570.1	1514.2	1519.8	1553.3	1648.3
25°	2095.3	2084.2	2045.0	1989.2	1899.8	1788.0	1681.9	1564.5	1514.2	1497.5	1536.6
22.5°	2397.1	2380.3	2330.0	2279.7	2207.1	2095.3	1916.5	1737.7	1581.3	1514.2	1497.5
20°	2782.6	2743.5	2687.6	2609.4	2492.0	2380.3	2223.8	1989.2	1760.1	1586.9	1519.8
17.5°	3402.8	3352.5	3246.4	3106.7	2905.5	2732.3	2508.8	2285.3	2028.3	1748.9	1598.0
15°	4760.6	4632.1	4447.7	4062.1	3665.4	3335.8	3000.5	2626.1	2363.5	1994.8	1765.7
12.5°	7487.3	7135.3	6598.9	5699.3	4810.9	4045.4	3503.4	3022.9	2598.2	2257.4	1933.3
10°	12672.6	11918.2	10437.5	7979.0	6341.9	4933.8	3961.6	3319.0	2782.6	2430.6	2073.0
7.5°	32050.2	26144.2	18500.4	12633.5	8297.5	6029.0	4531.5	3598.4	2978.2	2542.3	2184.7
5°	124915.3	102900.3	54892.1	22909.0	12482.6	7291.8	5045.6	3821.9	3106.7	2626.1	2268.5
2.5°	396442.3	342354.8	179617.4	49315.7	15326.7	8213.7	5397.6	3961.6	3179.3	2687.6	2330.0
0°	569449.7	488039.1	252082.4	64860.3	16623.0	8448.4	5509.3	3989.5	3190.5	2698.8	2330.0
-2.5°	520949.7	455933.0	243511.1	60356.7	16986.2	8515.4	5598.7	4084.5	3274.3	2749.1	2346.8
-5°	309544.7	271515.9	169867.1	43035.3	15092.0	7906.4	5364.0	4000.7	3218.4	2721.1	2335.6
-7.5°	81555.9	70604.3	46443.7	22456.4	9767.0	6688.3	4928.2	3861.0	3145.8	2670.8	2290.9
-10°	19662.6	18634.5	16645.3	10202.9	7604.7	5587.6	4369.5	3609.6	3000.5	2603.8	2218.3
-12.5°	9482.1	9258.6	8403.7	6928.6	5643.4	4643.3	3956.0	3346.9	2866.4	2486.5	2117.7
-15°	6168.7	6040.1	5749.6	5185.2	4531.5	4051.0	3570.4	3078.7	2698.8	2313.2	2033.9
-17.5°	4565.0	4559.4	4414.2	4201.8	3877.8	3520.2	3168.1	2855.2	2486.5	2156.8	1944.5
-20°	3782.8	3782.8	3699.0	3559.3	3330.2	3095.5	2860.8	2570.3	2268.5	2022.7	1933.3

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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°	3212.8	3218.4	3173.7	3084.3	2961.4	2765.8	2536.7	2302.1	2084.2	1994.8	1966.8
-25°	2844.1	2832.9	2782.6	2698.8	2570.3	2413.8	2263.0	2106.5	2045.0	2022.7	2061.8
-27.5°	2408.2	2425.0	2402.6	2363.5	2279.7	2168.0	2134.4	2089.7	2100.9	2134.4	2285.3
-30°	2151.2	2168.0	2190.3	2207.1	2179.1	2151.2	2162.4	2195.9	2268.5	2397.1	2452.9
-32.5°	2151.2	2156.8	2190.3	2223.8	2240.6	2263.0	2324.4	2436.2	2542.3	2508.8	2497.6
-35°	2346.8	2330.0	2374.7	2419.4	2480.9	2559.1	2626.1	2603.8	2564.7	2553.5	2564.7
-37.5°	2905.5	2799.4	2754.7	2726.7	2710.0	2698.8	2682.0	2665.3	2648.5	2637.3	2654.1
-40°	2899.9	2872.0	2844.1	2821.7	2805.0	2782.6	2771.4	2765.8	2749.1	2737.9	2726.7
-42.5°	2888.8	2899.9	2899.9	2894.4	2899.9	2894.4	2877.6	2855.2	2827.3	2805.0	2782.6
-45°	2972.6	2978.2	2989.3	3000.5	3017.3	2994.9	2961.4	2922.3	2883.2	2849.7	2821.7
-47.5°	3022.9	3028.5	3039.6	3056.4	3067.6	3045.2	3000.5	2950.2	2888.8	2832.9	2777.0
-50°	3039.6	3056.4	3062.0	3062.0	3056.4	3028.5	2961.4	2888.8	2821.7	2765.8	2715.5
-52.5°	2961.4	2978.2	2983.8	2972.6	2967.0	2939.1	2877.6	2810.5	2737.9	2698.8	2654.1
-55°	2832.9	2855.2	2872.0	2872.0	2872.0	2866.4	2810.5	2749.1	2693.2	2648.5	2603.8
-57.5°	2782.6	2821.7	2855.2	2860.8	2866.4	2872.0	2832.9	2771.4	2704.4	2637.3	2581.4
-60°	2967.0	3000.5	3017.3	2994.9	2978.2	2961.4	2899.9	2827.3	2760.3	2693.2	2587.0
-62.5°	2916.7	2972.6	3000.5	2983.8	2961.4	2933.5	2866.4	2782.6	2704.4	2631.7	2525.6
-65°	2754.7	2805.0	2838.5	2810.5	2777.0	2737.9	2676.4	2598.2	2525.6	2452.9	2357.9
-67.5°	2480.9	2553.5	2609.4	2547.9	2503.2	2452.9	2402.6	2335.6	2263.0	2179.1	2089.7
-70°	2050.6	2106.5	2156.8	2140.0	2128.9	2117.7	2084.2	2017.1	1955.6	1888.6	1810.4
-72.5°	1648.3	1698.6	1743.3	1715.4	1693.0	1659.5	1609.2	1536.6	1463.9	1391.3	1318.7
-75°	910.8	927.5	944.3	938.7	938.7	938.7	938.7	944.3	933.1	916.4	882.8
-77.5°	698.4	720.8	737.6	748.7	765.5	787.8	804.6	776.7	748.7	720.8	687.3
-80°	547.6	569.9	586.7	648.2	692.9	743.1	776.7	737.6	698.4	664.9	637.0
-82.5°	413.5	430.2	447.0	480.5	502.9	530.8	553.2	553.2	547.6	542.0	525.2
-85°	301.7	324.1	346.4	357.6	374.4	374.4	380.0	357.6	335.3	318.5	296.1
-87.5°	173.2	178.8	178.8	178.8	184.4	184.4	184.4	173.2	167.6	156.5	150.9
-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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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°	5.6	5.6	5.6	11.2	11.2	16.8	16.8	22.4	22.4	27.9	27.9
85°	33.5	33.5	33.5	39.1	39.1	44.7	50.3	55.9	61.5	61.5	67.1
82.5°	55.9	61.5	67.1	72.6	78.2	83.8	89.4	95.0	111.8	122.9	128.5
80°	55.9	61.5	78.2	89.4	100.6	111.8	111.8	111.8	111.8	117.3	128.5
77.5°	39.1	44.7	50.3	61.5	89.4	111.8	128.5	139.7	128.5	122.9	111.8
75°	22.4	27.9	33.5	39.1	55.9	78.2	106.2	134.1	156.5	150.9	139.7
72.5°	22.4	22.4	27.9	33.5	39.1	44.7	50.3	78.2	111.8	139.7	156.5
70°	22.4	27.9	27.9	33.5	39.1	44.7	50.3	61.5	78.2	111.8	145.3
67.5°	22.4	27.9	27.9	39.1	50.3	55.9	61.5	55.9	50.3	72.6	106.2
65°	22.4	22.4	27.9	33.5	39.1	44.7	61.5	61.5	55.9	55.9	55.9
62.5°	33.5	33.5	33.5	33.5	39.1	39.1	39.1	50.3	50.3	50.3	50.3
60°	67.1	61.5	61.5	61.5	61.5	50.3	50.3	50.3	44.7	50.3	44.7
57.5°	162.0	134.1	122.9	122.9	106.2	100.6	83.8	61.5	61.5	50.3	50.3
55°	329.7	312.9	262.6	217.9	195.6	173.2	134.1	111.8	83.8	67.1	61.5
52.5°	508.5	463.8	419.1	363.2	307.3	262.6	223.5	173.2	139.7	100.6	78.2
50°	664.9	625.8	575.5	514.1	441.4	385.5	329.7	262.6	206.7	156.5	111.8
47.5°	905.2	827.0	765.5	692.9	609.0	530.8	458.2	380.0	290.6	229.1	173.2
45°	1162.2	1050.5	966.6	899.6	787.8	681.7	597.9	514.1	407.9	301.7	234.7
42.5°	1341.0	1257.2	1145.4	1056.0	955.5	843.7	732.0	642.6	530.8	407.9	301.7
40°	1436.0	1380.1	1290.7	1212.5	1106.3	983.4	866.1	776.7	659.3	525.2	380.0
37.5°	1508.6	1480.7	1436.0	1374.5	1274.0	1128.7	1011.3	905.2	804.6	648.2	491.7
35°	1592.5	1586.9	1558.9	1531.0	1447.2	1307.5	1167.8	1044.9	921.9	776.7	603.5
32.5°	1670.7	1665.1	1648.3	1637.2	1603.6	1480.7	1329.8	1190.1	1050.5	899.6	709.6
30°	1709.8	1698.6	1698.6	1709.8	1676.3	1598.0	1486.3	1335.4	1179.0	1000.2	821.4
27.5°	1709.8	1698.6	1704.2	1721.0	1715.4	1676.3	1592.5	1469.5	1296.3	1095.2	921.9
25°	1637.2	1693.0	1693.0	1715.4	1721.0	1709.8	1665.1	1586.9	1408.1	1195.7	1000.2
22.5°	1536.6	1670.7	1721.0	1715.4	1721.0	1748.9	1754.5	1681.9	1514.2	1296.3	1078.4
20°	1536.6	1631.6	1776.8	1737.7	1748.9	1810.4	1838.3	1776.8	1626.0	1391.3	1156.6
17.5°	1570.1	1631.6	1754.5	1816.0	1832.7	1883.0	1927.7	1888.6	1726.6	1491.9	1262.8
15°	1665.1	1653.9	1737.7	1888.6	1916.5	1955.6	2005.9	1961.2	1816.0	1603.6	1363.4
12.5°	1732.1	1670.7	1737.7	1899.8	1989.2	2028.3	2045.0	2011.5	1894.2	1704.2	1463.9
10°	1821.5	1715.4	1748.9	1888.6	2017.1	2045.0	2061.8	2050.6	1966.8	1788.0	1553.3
7.5°	1888.6	1737.7	1737.7	1871.8	2045.0	2067.4	2078.6	2089.7	2028.3	1860.7	1631.6
5°	1916.5	1737.7	1726.6	1855.1	2073.0	2095.3	2095.3	2112.1	2073.0	1916.5	1687.4
2.5°	1922.1	1732.1	1715.4	1843.9	2123.3	2123.3	2112.1	2128.9	2106.5	1950.1	1726.6
0°	1950.1	1726.6	1709.8	1860.7	2179.1	2156.8	2128.9	2134.4	2123.3	1966.8	1748.9
-2.5°	1950.1	1754.5	1732.1	1871.8	2173.6	2168.0	2156.8	2162.4	2151.2	2017.1	1793.6
-5°	1978.0	1793.6	1771.3	1922.1	2168.0	2184.7	2190.3	2190.3	2173.6	2050.6	1821.5
-7.5°	1983.6	1821.5	1816.0	1972.4	2179.1	2207.1	2223.8	2235.0	2201.5	2073.0	1843.9
-10°	1955.6	1832.7	1860.7	2033.9	2190.3	2229.4	2263.0	2279.7	2223.8	2084.2	1855.1
-12.5°	1894.2	1832.7	1905.4	2112.1	2218.3	2263.0	2313.2	2318.8	2246.2	2089.7	1860.7
-15°	1888.6	1877.4	1983.6	2190.3	2235.0	2290.9	2369.1	2352.4	2263.0	2089.7	1860.7
-17.5°	1883.0	1938.9	2100.9	2218.3	2263.0	2324.4	2385.9	2369.1	2274.1	2089.7	1849.5
-20°	1933.3	2039.5	2240.6	2246.2	2296.5	2363.5	2397.1	2363.5	2257.4	2073.0	1832.7

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CATALOG NUMBER: IFLD-S-SA6D-740-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°	2017.1	2218.3	2285.3	2307.7	2352.4	2402.6	2419.4	2369.1	2240.6	2045.0	1804.8
-25°	2229.4	2330.0	2330.0	2380.3	2425.0	2447.3	2430.6	2374.7	2218.3	2017.1	1776.8
-27.5°	2391.5	2385.9	2413.8	2464.1	2503.2	2503.2	2458.5	2346.8	2184.7	1989.2	1737.7
-30°	2452.9	2458.5	2497.6	2553.5	2564.7	2536.7	2469.7	2324.4	2156.8	1944.5	1687.4
-32.5°	2514.4	2536.7	2587.0	2615.0	2620.6	2564.7	2441.8	2285.3	2112.1	1894.2	1631.6
-35°	2587.0	2631.7	2659.7	2665.3	2637.3	2542.3	2402.6	2235.0	2045.0	1821.5	1581.3
-37.5°	2682.0	2704.4	2721.1	2698.8	2620.6	2508.8	2335.6	2168.0	1983.6	1743.3	1508.6
-40°	2743.5	2754.7	2760.3	2687.6	2592.6	2430.6	2263.0	2089.7	1877.4	1653.9	1430.4
-42.5°	2782.6	2771.4	2726.7	2648.5	2508.8	2352.4	2190.3	1994.8	1782.4	1564.5	1346.6
-45°	2771.4	2732.3	2665.3	2570.3	2425.0	2268.5	2078.6	1883.0	1681.9	1469.5	1251.6
-47.5°	2726.7	2665.3	2581.4	2469.7	2335.6	2145.6	1955.6	1765.7	1570.1	1363.4	1162.2
-50°	2670.8	2598.2	2497.6	2357.9	2179.1	2005.9	1832.7	1648.3	1447.2	1257.2	1078.4
-52.5°	2609.4	2531.2	2402.6	2246.2	2050.6	1871.8	1704.2	1525.4	1341.0	1162.2	1005.8
-55°	2542.3	2464.1	2318.8	2140.0	1944.5	1748.9	1586.9	1436.0	1257.2	1084.0	944.3
-57.5°	2508.8	2408.2	2257.4	2078.6	1871.8	1670.7	1531.0	1369.0	1206.9	1028.1	894.0
-60°	2480.9	2380.3	2240.6	2033.9	1838.3	1648.3	1486.3	1329.8	1156.6	989.0	854.9
-62.5°	2402.6	2296.5	2168.0	1966.8	1776.8	1603.6	1458.4	1274.0	1106.3	949.9	827.0
-65°	2246.2	2134.4	2022.7	1843.9	1670.7	1508.6	1363.4	1195.7	1039.3	905.2	799.0
-67.5°	2000.3	1905.4	1804.8	1653.9	1508.6	1363.4	1229.3	1084.0	955.5	860.5	804.6
-70°	1726.6	1626.0	1525.4	1402.5	1279.5	1162.2	1056.0	949.9	866.1	815.8	771.1
-72.5°	1257.2	1212.5	1162.2	1067.2	966.6	894.0	843.7	799.0	737.6	692.9	664.9
-75°	838.1	776.7	698.4	664.9	670.5	659.3	631.4	597.9	569.9	553.2	514.1
-77.5°	653.7	620.2	581.1	542.0	525.2	508.5	486.1	458.2	435.8	396.7	340.8
-80°	603.5	575.5	547.6	519.6	491.7	452.6	407.9	363.2	340.8	324.1	318.5
-82.5°	497.3	463.8	430.2	402.3	363.2	335.3	307.3	285.0	285.0	279.4	273.8
-85°	285.0	273.8	257.0	245.9	234.7	217.9	201.2	190.0	184.4	178.8	173.2
-87.5°	145.3	139.7	128.5	122.9	117.3	111.8	100.6	95.0	89.4	89.4	83.8
-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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CATALOG NUMBER: IFLD-S-SA6D-740-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°	27.9	27.9	22.4	22.4	22.4	16.8	11.2	11.2	5.6	5.6	0.0
85°	67.1	55.9	50.3	44.7	44.7	33.5	22.4	16.8	11.2	5.6	5.6
82.5°	128.5	111.8	95.0	83.8	67.1	50.3	39.1	27.9	16.8	11.2	5.6
80°	145.3	145.3	139.7	117.3	95.0	72.6	50.3	33.5	22.4	16.8	11.2
77.5°	111.8	122.9	122.9	122.9	117.3	89.4	61.5	39.1	22.4	16.8	11.2
75°	128.5	111.8	106.2	111.8	106.2	89.4	72.6	44.7	27.9	22.4	11.2
72.5°	156.5	134.1	117.3	111.8	100.6	83.8	67.1	50.3	27.9	22.4	16.8
70°	145.3	139.7	128.5	117.3	100.6	83.8	67.1	50.3	33.5	22.4	16.8
67.5°	128.5	128.5	128.5	117.3	100.6	78.2	61.5	44.7	33.5	22.4	16.8
65°	89.4	106.2	117.3	111.8	100.6	78.2	61.5	44.7	33.5	27.9	16.8
62.5°	55.9	72.6	95.0	106.2	95.0	78.2	55.9	44.7	33.5	27.9	16.8
60°	50.3	55.9	67.1	83.8	89.4	72.6	55.9	39.1	33.5	27.9	16.8
57.5°	50.3	50.3	55.9	67.1	72.6	67.1	50.3	33.5	33.5	27.9	22.4
55°	55.9	50.3	50.3	55.9	61.5	61.5	50.3	33.5	33.5	27.9	22.4
52.5°	67.1	55.9	50.3	50.3	50.3	55.9	44.7	33.5	33.5	27.9	22.4
50°	83.8	67.1	61.5	50.3	50.3	50.3	44.7	33.5	27.9	27.9	22.4
47.5°	111.8	89.4	67.1	61.5	50.3	44.7	39.1	33.5	27.9	27.9	22.4
45°	167.6	106.2	89.4	67.1	55.9	50.3	44.7	33.5	27.9	27.9	22.4
42.5°	229.1	156.5	111.8	78.2	61.5	50.3	44.7	39.1	27.9	27.9	22.4
40°	290.6	212.3	139.7	100.6	72.6	55.9	44.7	39.1	33.5	27.9	22.4
37.5°	357.6	262.6	184.4	128.5	83.8	61.5	50.3	39.1	33.5	27.9	22.4
35°	441.4	329.7	229.1	156.5	100.6	72.6	55.9	39.1	33.5	27.9	22.4
32.5°	536.4	391.1	273.8	190.0	128.5	89.4	61.5	44.7	33.5	27.9	22.4
30°	625.8	463.8	324.1	229.1	156.5	100.6	67.1	44.7	33.5	27.9	16.8
27.5°	715.2	536.4	385.5	268.2	190.0	117.3	72.6	50.3	33.5	27.9	22.4
25°	804.6	609.0	447.0	307.3	217.9	139.7	89.4	55.9	33.5	27.9	22.4
22.5°	882.8	681.7	502.9	352.0	251.4	162.0	100.6	61.5	39.1	27.9	22.4
20°	972.2	759.9	564.3	402.3	279.4	184.4	111.8	67.1	39.1	27.9	22.4
17.5°	1056.0	838.1	625.8	447.0	312.9	206.7	128.5	72.6	44.7	27.9	22.4
15°	1139.9	910.8	681.7	491.7	346.4	229.1	139.7	78.2	50.3	27.9	22.4
12.5°	1218.1	977.8	732.0	530.8	374.4	251.4	150.9	83.8	55.9	27.9	22.4
10°	1290.7	1039.3	782.3	564.3	402.3	268.2	162.0	95.0	61.5	27.9	22.4
7.5°	1363.4	1089.6	821.4	597.9	435.8	290.6	173.2	100.6	67.1	33.5	22.4
5°	1408.1	1134.3	854.9	625.8	463.8	312.9	184.4	106.2	72.6	33.5	22.4
2.5°	1447.2	1167.8	877.2	653.7	491.7	329.7	184.4	111.8	78.2	33.5	22.4
0°	1469.5	1190.1	894.0	670.5	514.1	340.8	190.0	117.3	83.8	33.5	22.4
-2.5°	1519.8	1229.3	933.1	692.9	536.4	374.4	201.2	122.9	89.4	39.1	22.4
-5°	1553.3	1251.6	961.1	715.2	553.2	407.9	217.9	134.1	100.6	50.3	27.9
-7.5°	1581.3	1274.0	983.4	726.4	569.9	419.1	223.5	139.7	106.2	55.9	27.9
-10°	1586.9	1285.1	1000.2	743.1	581.1	435.8	229.1	145.3	111.8	61.5	27.9
-12.5°	1592.5	1296.3	1005.8	754.3	592.3	447.0	234.7	150.9	117.3	67.1	27.9
-15°	1586.9	1290.7	1005.8	765.5	597.9	435.8	245.9	156.5	122.9	72.6	27.9
-17.5°	1575.7	1285.1	1000.2	759.9	592.3	424.7	251.4	167.6	122.9	78.2	33.5
-20°	1558.9	1268.4	989.0	754.3	586.7	413.5	257.0	173.2	128.5	78.2	33.5

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CATALOG NUMBER: IFLD-S-SA6D-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1531.0	1240.4	966.6	737.6	575.5	402.3	257.0	184.4	134.1	78.2	33.5
-25°	1497.5	1212.5	944.3	715.2	558.8	385.5	257.0	190.0	139.7	78.2	33.5
-27.5°	1458.4	1184.6	910.8	698.4	536.4	374.4	257.0	195.6	145.3	78.2	33.5
-30°	1413.7	1145.4	882.8	670.5	519.6	374.4	262.6	201.2	150.9	78.2	33.5
-32.5°	1369.0	1106.3	849.3	648.2	497.3	368.8	262.6	206.7	156.5	72.6	39.1
-35°	1318.7	1061.6	821.4	631.4	480.5	357.6	268.2	206.7	150.9	72.6	39.1
-37.5°	1257.2	1005.8	793.4	614.6	469.4	346.4	268.2	212.3	145.3	72.6	39.1
-40°	1190.1	961.1	759.9	592.3	452.6	340.8	268.2	212.3	139.7	72.6	44.7
-42.5°	1117.5	910.8	726.4	569.9	435.8	335.3	268.2	212.3	134.1	72.6	44.7
-45°	1050.5	860.5	687.3	542.0	419.1	335.3	268.2	206.7	122.9	78.2	44.7
-47.5°	977.8	804.6	642.6	514.1	413.5	329.7	262.6	195.6	111.8	78.2	44.7
-50°	916.4	748.7	609.0	486.1	402.3	335.3	268.2	178.8	111.8	78.2	44.7
-52.5°	854.9	709.6	569.9	474.9	391.1	340.8	262.6	167.6	111.8	78.2	44.7
-55°	804.6	670.5	547.6	458.2	402.3	352.0	251.4	150.9	111.8	78.2	44.7
-57.5°	765.5	648.2	530.8	463.8	419.1	340.8	234.7	145.3	111.8	72.6	44.7
-60°	737.6	625.8	536.4	486.1	424.7	324.1	223.5	145.3	111.8	72.6	39.1
-62.5°	715.2	631.4	564.3	502.9	402.3	301.7	212.3	145.3	100.6	67.1	39.1
-65°	720.8	653.7	575.5	480.5	385.5	279.4	195.6	139.7	95.0	61.5	39.1
-67.5°	737.6	637.0	542.0	452.6	346.4	251.4	178.8	128.5	89.4	61.5	39.1
-70°	681.7	586.7	491.7	385.5	296.1	217.9	167.6	117.3	78.2	55.9	39.1
-72.5°	614.6	491.7	391.1	312.9	251.4	201.2	150.9	106.2	72.6	50.3	33.5
-75°	447.0	357.6	290.6	262.6	223.5	178.8	134.1	95.0	67.1	50.3	33.5
-77.5°	318.5	296.1	268.2	240.3	201.2	156.5	117.3	89.4	61.5	44.7	27.9
-80°	312.9	285.0	251.4	206.7	167.6	134.1	100.6	78.2	55.9	39.1	22.4
-82.5°	262.6	223.5	190.0	156.5	128.5	106.2	83.8	61.5	44.7	27.9	16.8
-85°	162.0	139.7	122.9	106.2	89.4	72.6	55.9	39.1	27.9	16.8	11.2
-87.5°	78.2	72.6	61.5	50.3	44.7	33.5	27.9	22.4	16.8	11.2	5.6
-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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CATALOG NUMBER: IFLD-S-SA6D-740-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°	5.6	0.0	0.0	0.0
80°	5.6	0.0	0.0	0.0
77.5°	5.6	0.0	0.0	0.0
75°	5.6	5.6	0.0	0.0
72.5°	5.6	5.6	0.0	0.0
70°	11.2	5.6	5.6	0.0
67.5°	11.2	5.6	5.6	0.0
65°	11.2	5.6	5.6	0.0
62.5°	11.2	5.6	5.6	0.0
60°	11.2	5.6	5.6	0.0
57.5°	11.2	5.6	5.6	0.0
55°	11.2	5.6	5.6	0.0
52.5°	11.2	5.6	5.6	0.0
50°	11.2	5.6	5.6	0.0
47.5°	11.2	11.2	5.6	0.0
45°	11.2	11.2	5.6	0.0
42.5°	11.2	11.2	5.6	0.0
40°	11.2	11.2	5.6	0.0
37.5°	11.2	11.2	5.6	0.0
35°	11.2	11.2	5.6	0.0
32.5°	16.8	11.2	5.6	0.0
30°	16.8	11.2	11.2	0.0
27.5°	16.8	11.2	11.2	0.0
25°	16.8	11.2	11.2	0.0
22.5°	16.8	11.2	11.2	0.0
20°	16.8	11.2	11.2	0.0
17.5°	16.8	11.2	11.2	0.0
15°	16.8	11.2	11.2	0.0
12.5°	16.8	11.2	11.2	0.0
10°	16.8	11.2	11.2	0.0
7.5°	16.8	11.2	11.2	0.0
5°	16.8	11.2	11.2	0.0
2.5°	16.8	11.2	11.2	0.0
0°	16.8	11.2	11.2	0.0
-2.5°	16.8	11.2	11.2	0.0
-5°	16.8	11.2	11.2	0.0
-7.5°	16.8	11.2	11.2	0.0
-10°	16.8	11.2	11.2	0.0
-12.5°	22.4	11.2	11.2	0.0
-15°	22.4	11.2	11.2	0.0
-17.5°	22.4	11.2	11.2	0.0
-20°	22.4	11.2	11.2	0.0

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CATALOG NUMBER: IFLD-S-SA6D-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.4	11.2	11.2	0.0
-25°	22.4	11.2	11.2	0.0
-27.5°	22.4	11.2	11.2	0.0
-30°	22.4	11.2	11.2	0.0
-32.5°	22.4	11.2	11.2	0.0
-35°	22.4	11.2	11.2	0.0
-37.5°	22.4	11.2	11.2	0.0
-40°	22.4	11.2	11.2	0.0
-42.5°	16.8	11.2	5.6	0.0
-45°	22.4	11.2	5.6	0.0
-47.5°	22.4	11.2	5.6	0.0
-50°	22.4	11.2	5.6	0.0
-52.5°	22.4	11.2	5.6	0.0
-55°	22.4	11.2	5.6	0.0
-57.5°	22.4	11.2	5.6	0.0
-60°	22.4	11.2	5.6	0.0
-62.5°	22.4	11.2	5.6	0.0
-65°	22.4	11.2	5.6	0.0
-67.5°	22.4	11.2	5.6	0.0
-70°	22.4	5.6	5.6	0.0
-72.5°	16.8	5.6	5.6	0.0
-75°	16.8	5.6	5.6	0.0
-77.5°	11.2	5.6	0.0	0.0
-80°	11.2	5.6	0.0	0.0
-82.5°	11.2	5.6	0.0	0.0
-85°	5.6	0.0	0.0	0.0
-87.5°	5.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)