

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P599468

Luminaire Tested: **IFLD-S-SA6B-735-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599468
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

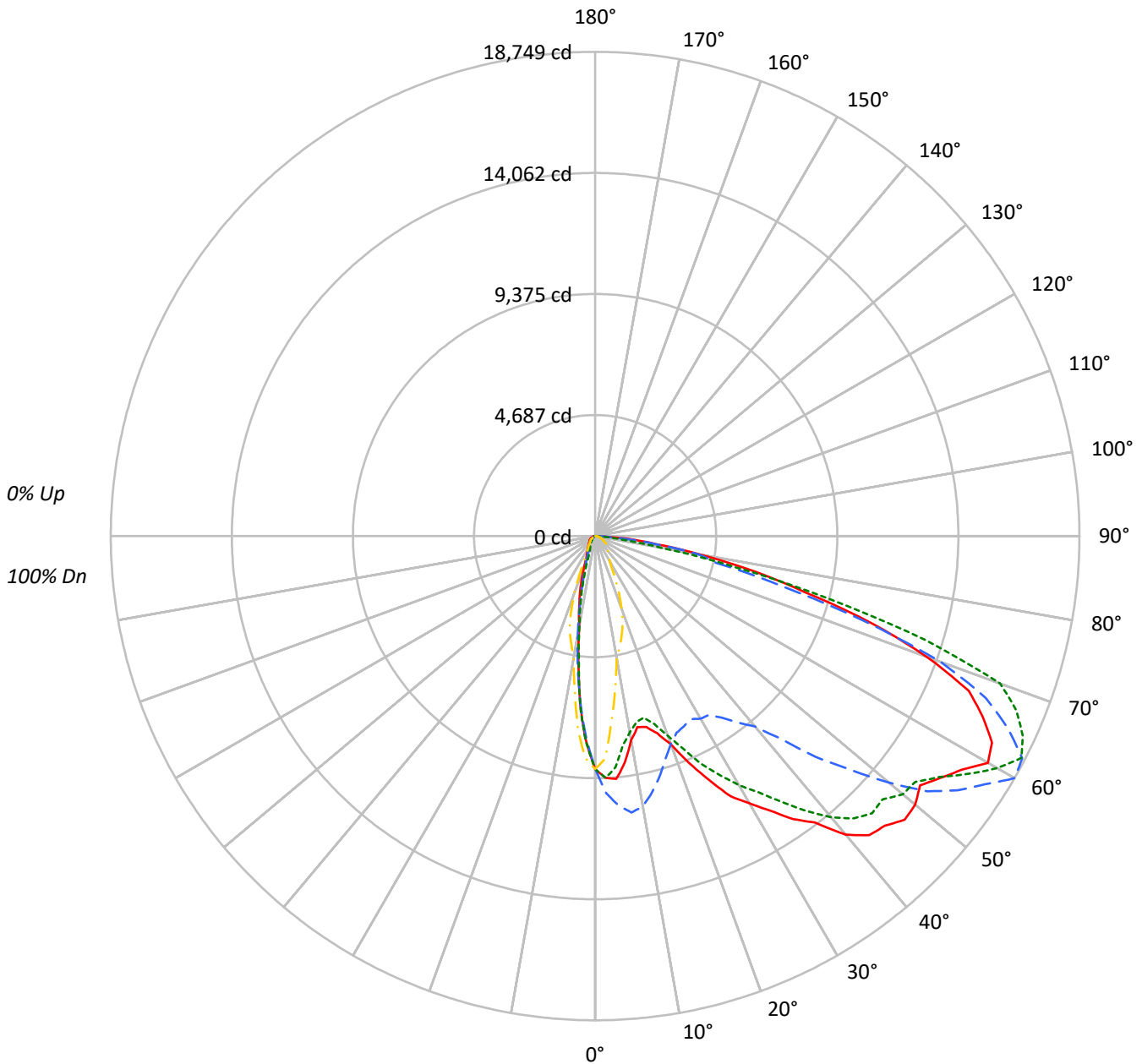
Lumens per Lamp: N/A
 Luminaire Lumens: 23978.7 lumens
 Efficiency: N/A
 Efficacy: 97.9 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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: 25 FT

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	64697	64697	64697	64697
5°	67988	64713	47278	47555
10°	58463	56223	25849	25242
15°	56847	54040	16793	12654
20°	65524	62786	8997	4499
25°	82387	77064	5831	3498
30°	98953	92215	4722	2865
35°	117180	109944	3870	2300
40°	141379	133102	3419	1740
45°	160961	153944	3185	1170
50°	180571	173566	3145	714
55°	204201	203481	3124	320
60°	251988	257961	2849	92
65°	281166	310086	2610	0
70°	286698	349974	2419	0
75°	233281	258138	2307	0
80°	169617	107961	2380	0
85°	109662	45342	3162	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	684.9	2.9
10°-20°	1343.1	5.6
20°-30°	1858.6	7.8
30°-40°	2626.7	11.0
40°-50°	3576.4	14.9
50°-60°	4736.7	19.8
60°-70°	5499.6	22.9
70°-80°	3114.5	13.0
80°-90°	538.1	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3886.7	16.2
0°-40°	6513.4	27.2
0°-60°	14826.4	61.8
0°-90°	23978.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23978.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9016	9016	9016	9016	9016	
5°	9438	8984	6563	6602	9438	848
15°	7652	7274	2260	1703	7652	2244
25°	10405	9733	736	442	10405	4853
35°	13376	12550	442	262	13376	8433
45°	15861	15169	314	115	15861	12297
55°	16322	16264	250	26	16322	14788
65°	16559	18262	154	0	16559	16142
75°	8414	9310	83	0	8414	9183
85°	1332	551	38	0	1332	1600
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8
2.5°	9368.0	9566.5	9572.9	9662.5	9752.2	9752.2	9963.5	9912.3	9726.6	9694.6	9560.1
5°	9438.4	9508.9	9560.1	10014.7	10398.9	10360.5	10475.8	10398.9	10040.3	9579.3	9265.5
7.5°	8830.1	8907.0	9111.9	9886.7	10405.3	10578.2	10795.9	10315.7	9937.9	9105.5	8503.5
10°	8023.3	8170.6	8548.4	9432.0	10072.4	10623.0	10623.0	10238.8	9508.9	8695.6	7959.3
12.5°	7575.1	7869.6	8074.5	8971.0	9803.4	10181.2	10168.4	9963.5	9489.7	8465.1	7632.7
15°	7651.9	7735.2	8170.6	8868.5	9419.2	9400.0	9630.5	9566.5	9233.5	8670.0	7754.4
17.5°	8004.1	8132.2	8510.0	8868.5	9131.1	9054.2	9047.8	9355.2	9374.4	9015.8	8209.0
20°	8580.4	8958.2	9137.5	9246.3	8926.2	8599.6	8561.2	8990.2	9323.2	9457.6	8753.3
22.5°	9502.5	9752.2	10117.2	9560.1	8727.7	8317.9	8241.0	8714.9	9387.2	9982.7	9457.6
25°	10405.3	10597.4	10949.6	10232.4	8951.8	8260.2	8125.8	8535.6	9630.5	10712.7	10309.3
27.5°	11359.4	11525.9	11564.3	10725.5	9073.4	8145.0	7984.9	8535.6	9835.4	11096.9	11327.4
30°	11942.1	12140.6	12179.0	11160.9	9271.9	8241.0	8164.2	8574.0	9976.3	11423.4	12057.4
32.5°	12595.2	12646.5	12614.5	11237.7	9489.7	8522.8	8202.6	8830.1	10136.4	11814.0	12723.3
35°	13376.4	13466.1	13139.5	11589.9	9976.3	8702.1	8586.8	9143.9	10411.7	11993.3	13530.1
37.5°	13971.9	14253.7	13517.3	11724.4	10072.4	9079.8	9099.1	9797.0	10603.8	12211.0	14420.2
40°	15092.5	14618.7	14157.6	12185.4	10437.3	9720.2	9617.7	10469.4	11250.6	12351.9	15002.9
42.5°	15707.2	15457.5	14407.4	12230.3	11000.8	10603.8	10629.4	11231.3	11589.9	12748.9	15163.0
45°	15860.9	15598.4	14746.7	12262.3	11557.9	11647.6	12089.4	12204.6	12089.4	13011.5	15463.9
47.5°	16251.5	15681.6	14708.3	12691.3	12460.8	12806.5	13370.0	13619.8	12768.1	12915.4	15604.8
50°	16174.7	15848.1	14625.1	12870.6	13562.1	14477.8	14855.6	14753.1	13523.7	12716.9	15451.1
52.5°	15854.5	15502.3	14881.2	13357.2	14593.1	15700.8	16225.9	15969.8	14196.1	13165.1	15348.6
55°	16321.9	16053.0	15214.2	14016.8	15367.9	16776.6	17148.0	16955.9	15022.1	13581.3	15931.3
57.5°	16827.8	16770.2	16117.0	14791.6	16283.5	17884.3	17884.3	17647.4	15739.2	14183.3	16795.8
60°	17557.8	17685.8	16783.0	15303.8	16597.3	17820.3	18748.8	18473.4	16462.8	15239.8	17775.5
62.5°	17320.9	17730.7	17641.0	16405.2	16955.9	18134.1	18639.9	18844.8	17359.3	16526.9	19081.8
65°	16558.9	16994.3	17634.6	17128.8	16686.9	17372.1	17628.2	18249.3	17807.5	17737.1	19619.6
67.5°	15649.6	16123.4	16520.4	17615.4	16142.7	16597.3	16373.2	16571.7	17320.9	19062.5	19927.0
70°	13664.6	14119.2	14746.7	16533.3	14701.9	14292.1	14234.5	14138.4	15303.8	18588.7	18531.1
72.5°	11237.7	11449.1	12486.4	13440.5	10879.2	10802.3	10892.0	10783.1	12134.2	16827.8	15873.7
75°	8413.9	8625.2	9214.3	10322.1	7408.6	6966.8	7479.0	7984.9	9265.5	13062.7	11404.2
77.5°	6326.4	6595.4	6966.8	7722.3	5436.4	4744.8	4815.3	5295.5	6697.8	10463.0	6390.5
80°	4104.5	4072.5	4789.6	5314.7	4091.7	4219.8	4040.5	4392.6	4853.7	5596.5	3265.7
82.5°	2369.2	2401.2	2702.2	3048.0	2849.5	3259.3	2350.0	3925.2	3464.2	2279.6	1216.6
85°	1331.9	1389.5	1664.9	2113.1	1786.5	1197.4	979.7	1946.6	2177.1	934.9	589.1
87.5°	134.5	115.3	224.1	800.4	486.6	198.5	294.6	467.4	525.1	352.2	172.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8
2.5°	9368.0	9368.0	9207.9	8939.0	8830.1	8638.0	8375.5	8458.7	8369.1	8042.5	7959.3
5°	8983.8	8676.4	8343.5	7933.7	7696.7	7210.1	7056.4	6781.1	6825.9	6550.5	6563.4
7.5°	8183.4	7940.1	7376.6	6838.7	6371.3	5948.6	5353.1	5129.0	4911.3	4802.5	4930.5
10°	7715.9	7261.3	6492.9	5788.6	5167.4	4789.6	4392.6	4085.3	3803.5	3592.2	3547.4
12.5°	7376.6	6973.2	6044.7	5186.7	4700.0	4392.6	4027.7	3605.0	3329.7	2964.7	2855.9
15°	7274.1	6781.1	5801.4	4949.7	4475.9	3970.0	3553.8	3137.6	2779.0	2394.8	2260.4
17.5°	7626.3	7056.4	5795.0	4757.6	4091.7	3547.4	2971.1	2503.7	2138.7	1786.5	1703.3
20°	8221.8	7351.0	5980.7	4642.4	3726.7	2996.7	2343.6	1876.2	1466.3	1235.8	1178.2
22.5°	8900.6	7850.4	5999.9	4335.0	3361.7	2446.1	1709.7	1235.8	1005.3	896.5	864.4
25°	9733.0	8650.8	6230.4	4085.3	2932.7	1856.9	1216.6	947.7	813.2	749.2	736.4
27.5°	10418.1	9207.9	6480.1	3822.8	2510.1	1376.7	954.1	774.8	704.4	640.3	633.9
30°	11128.9	9848.2	6550.5	3662.7	2145.1	1133.4	819.6	685.2	608.3	576.3	569.9
32.5°	11750.0	10546.2	6774.7	3400.1	1799.3	998.9	742.8	614.7	563.5	512.3	505.9
35°	12550.4	10949.6	6883.5	3259.3	1671.3	902.9	678.7	563.5	486.6	454.6	441.8
37.5°	13408.5	11340.2	6954.0	3150.4	1562.4	845.2	640.3	531.5	461.0	416.2	403.4
40°	14208.9	11890.9	6851.5	3015.9	1479.2	774.8	614.7	493.1	429.0	384.2	365.0
42.5°	14823.6	12428.8	6819.5	2887.9	1389.5	749.2	582.7	473.8	403.4	352.2	345.8
45°	15169.4	12793.7	6595.4	2785.4	1319.1	762.0	569.9	448.2	384.2	339.4	313.8
47.5°	15086.1	13075.5	6653.0	2753.4	1223.0	710.8	563.5	429.0	352.2	313.8	294.6
50°	15547.2	13645.4	6557.0	2651.0	1152.6	640.3	614.7	429.0	345.8	301.0	281.7
52.5°	15624.0	14164.0	6761.9	2465.3	1043.7	589.1	608.3	422.6	333.0	288.1	262.5
55°	16264.3	14766.0	7158.9	2362.8	954.1	512.3	557.1	409.8	301.0	262.5	249.7
57.5°	17135.2	16014.6	7415.0	2266.8	832.4	448.2	467.4	403.4	275.3	243.3	224.1
60°	17974.0	16514.0	7434.2	2093.9	717.2	403.4	365.0	403.4	256.1	217.7	198.5
62.5°	18601.5	16514.0	7306.1	1946.6	627.5	358.6	320.2	384.2	230.5	192.1	179.3
65°	18262.1	16072.2	6973.2	1824.9	569.9	313.8	275.3	294.6	204.9	166.5	153.7
67.5°	17653.8	14695.5	6236.8	1677.7	563.5	275.3	236.9	217.7	179.3	147.3	134.5
70°	16680.5	12838.6	5193.1	1511.2	550.7	249.7	211.3	185.7	160.1	128.1	115.3
72.5°	13440.5	10603.8	4264.6	1415.1	537.9	217.7	179.3	160.1	134.5	108.9	96.0
75°	9310.4	6774.7	3284.9	1210.2	525.1	198.5	166.5	140.9	115.3	89.6	83.2
77.5°	5583.7	4527.1	2119.5	909.3	345.8	160.1	140.9	108.9	96.0	76.8	70.4
80°	2612.5	2138.7	858.0	352.2	166.5	115.3	96.0	83.2	76.8	64.0	57.6
82.5°	1024.5	902.9	416.2	204.9	134.5	89.6	76.8	70.4	64.0	51.2	44.8
85°	550.7	486.6	198.5	140.9	96.0	64.0	64.0	57.6	51.2	44.8	38.4
87.5°	121.7	89.6	83.2	83.2	70.4	51.2	51.2	44.8	38.4	32.0	25.6
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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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8
2.5°	7914.4	8010.5	7856.8	7952.9	7818.4	7920.9	7933.7	7837.6	7863.2	7991.3	8048.9
5°	6742.6	6678.6	6537.7	6492.9	6499.3	6416.1	6448.1	6492.9	6563.4	6601.8	6717.0
7.5°	4860.1	5007.4	5001.0	5109.8	5116.2	5103.4	5013.8	4821.7	4885.7	4834.5	4898.5
10°	3477.0	3541.0	3662.7	3733.1	3861.2	3790.7	3585.8	3509.0	3470.6	3464.2	3528.2
12.5°	2779.0	2625.3	2612.5	2638.1	2702.2	2618.9	2516.5	2426.8	2471.7	2561.3	2631.7
15°	2151.5	2023.4	1856.9	1831.3	1844.1	1805.7	1696.9	1581.6	1613.6	1703.3	1754.5
17.5°	1652.0	1504.8	1389.5	1312.7	1287.1	1152.6	992.5	896.5	870.8	864.4	909.3
20°	1114.2	1088.6	1069.3	973.3	973.3	781.2	646.7	576.3	576.3	589.1	595.5
22.5°	832.4	800.4	806.8	787.6	736.4	582.7	512.3	493.1	493.1	505.9	505.9
25°	723.6	678.7	665.9	659.5	608.3	499.5	448.2	429.0	429.0	441.8	441.8
27.5°	614.7	601.9	582.7	557.1	512.3	429.0	397.0	377.8	384.2	390.6	384.2
30°	563.5	531.5	505.9	505.9	454.6	384.2	358.6	345.8	333.0	345.8	352.2
32.5°	499.5	480.2	467.4	448.2	390.6	339.4	313.8	301.0	294.6	294.6	301.0
35°	429.0	429.0	416.2	390.6	339.4	307.4	275.3	262.5	256.1	262.5	262.5
37.5°	384.2	365.0	371.4	345.8	301.0	268.9	236.9	224.1	224.1	217.7	224.1
40°	358.6	326.6	307.4	294.6	268.9	230.5	204.9	192.1	185.7	185.7	185.7
42.5°	320.2	294.6	256.1	249.7	243.3	198.5	166.5	160.1	153.7	147.3	147.3
45°	301.0	262.5	230.5	198.5	198.5	166.5	140.9	128.1	121.7	115.3	121.7
47.5°	275.3	236.9	198.5	166.5	160.1	134.5	108.9	96.0	89.6	89.6	89.6
50°	262.5	211.3	172.9	140.9	121.7	108.9	83.2	70.4	64.0	64.0	64.0
52.5°	243.3	198.5	153.7	121.7	96.0	83.2	64.0	51.2	44.8	44.8	44.8
55°	217.7	179.3	134.5	102.5	83.2	64.0	44.8	32.0	25.6	25.6	25.6
57.5°	204.9	160.1	115.3	89.6	64.0	44.8	25.6	19.2	19.2	12.8	19.2
60°	185.7	140.9	96.0	70.4	51.2	32.0	19.2	6.4	6.4	6.4	6.4
62.5°	160.1	121.7	83.2	57.6	38.4	19.2	6.4	0.0	0.0	0.0	0.0
65°	134.5	96.0	64.0	44.8	25.6	6.4	0.0	0.0	0.0	0.0	0.0
67.5°	115.3	83.2	51.2	32.0	19.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	102.5	70.4	38.4	25.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	83.2	57.6	32.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	70.4	44.8	19.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	57.6	32.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.8	25.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	38.4	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P599468
 CATALOG NUMBER: IFLD-S-SA6B-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8	9015.8
2.5°	8132.2	8093.7	8285.8	8599.6	8759.7	9073.4	9150.3	9348.8	9297.6	9368.0
5°	6729.8	6806.7	7088.4	7549.5	7715.9	8170.6	8599.6	9028.6	9304.0	9438.4
7.5°	4994.6	5250.7	5596.5	6019.1	6448.1	7043.6	7773.6	8273.0	8542.0	8830.1
10°	3720.3	3995.6	4392.6	4808.9	5506.8	6172.8	6902.7	7523.8	7754.4	8023.3
12.5°	2926.3	3355.3	3816.4	4264.6	4680.8	5314.7	6217.6	7120.4	7370.2	7575.1
15°	2036.2	2561.3	3220.8	3803.5	4386.2	4936.9	5871.8	6966.8	7306.1	7651.9
17.5°	1127.0	1543.2	2298.8	3118.4	3976.4	4821.7	5987.1	7248.5	7760.8	8004.1
20°	653.1	819.6	1357.5	2330.8	3464.2	4571.9	6044.7	7780.0	8458.7	8580.4
22.5°	537.9	595.5	768.4	1459.9	2836.7	4411.9	6339.2	8522.8	9214.3	9502.5
25°	461.0	505.9	595.5	877.2	2145.1	4072.5	6524.9	9451.2	10091.6	10405.3
27.5°	409.8	454.6	525.1	646.7	1459.9	3605.0	6832.3	10290.1	10930.4	11359.4
30°	358.6	397.0	467.4	550.7	1011.7	3080.0	7094.8	10904.8	11807.6	11942.1
32.5°	320.2	352.2	403.4	473.8	749.2	2337.2	7306.1	11538.7	12300.7	12595.2
35°	275.3	313.8	345.8	403.4	569.9	1760.9	7178.1	12031.8	13024.3	13376.4
37.5°	243.3	268.9	301.0	339.4	480.2	1376.7	6915.5	12620.9	13645.4	13971.9
40°	204.9	224.1	262.5	301.0	435.4	1062.9	6614.6	13331.6	14516.2	15092.5
42.5°	172.9	192.1	217.7	281.7	358.6	787.6	6006.3	13882.3	15220.6	15707.2
45°	134.5	160.1	198.5	281.7	288.1	582.7	5378.8	14292.1	15617.6	15860.9
47.5°	102.5	128.1	192.1	243.3	230.5	403.4	4636.0	14759.5	16027.4	16251.5
50°	76.8	102.5	217.7	211.3	192.1	307.4	4168.5	15086.1	16053.0	16174.7
52.5°	51.2	76.8	179.3	160.1	160.1	268.9	4040.5	15073.3	16117.0	15854.5
55°	38.4	57.6	102.5	115.3	140.9	236.9	3925.2	15553.6	16136.3	16321.9
57.5°	25.6	44.8	70.4	89.6	121.7	204.9	3688.3	16129.8	16731.8	16827.8
60°	12.8	32.0	51.2	70.4	102.5	179.3	3355.3	16552.5	17455.3	17557.8
62.5°	6.4	19.2	38.4	57.6	83.2	140.9	3009.5	15880.1	17141.6	17320.9
65°	0.0	12.8	25.6	38.4	51.2	102.5	2446.1	14336.9	15899.3	16558.9
67.5°	0.0	0.0	12.8	25.6	32.0	76.8	1844.1	13043.5	14753.1	15649.6
70°	0.0	0.0	6.4	6.4	19.2	57.6	1178.2	10802.3	13171.5	13664.6
72.5°	0.0	0.0	0.0	0.0	6.4	38.4	685.2	8023.3	10322.1	11237.7
75°	0.0	0.0	0.0	0.0	0.0	32.0	345.8	5161.0	7184.5	8413.9
77.5°	0.0	0.0	0.0	0.0	0.0	25.6	185.7	3329.7	5295.5	6326.4
80°	0.0	0.0	0.0	0.0	0.0	6.4	108.9	1933.8	3387.3	4104.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	44.8	947.7	2023.4	2369.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.8	505.9	1011.7	1331.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2	70.4	134.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)