

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: P599396

Luminaire Tested: **IFLD-L-SA8B-722-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: P599396
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-722-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

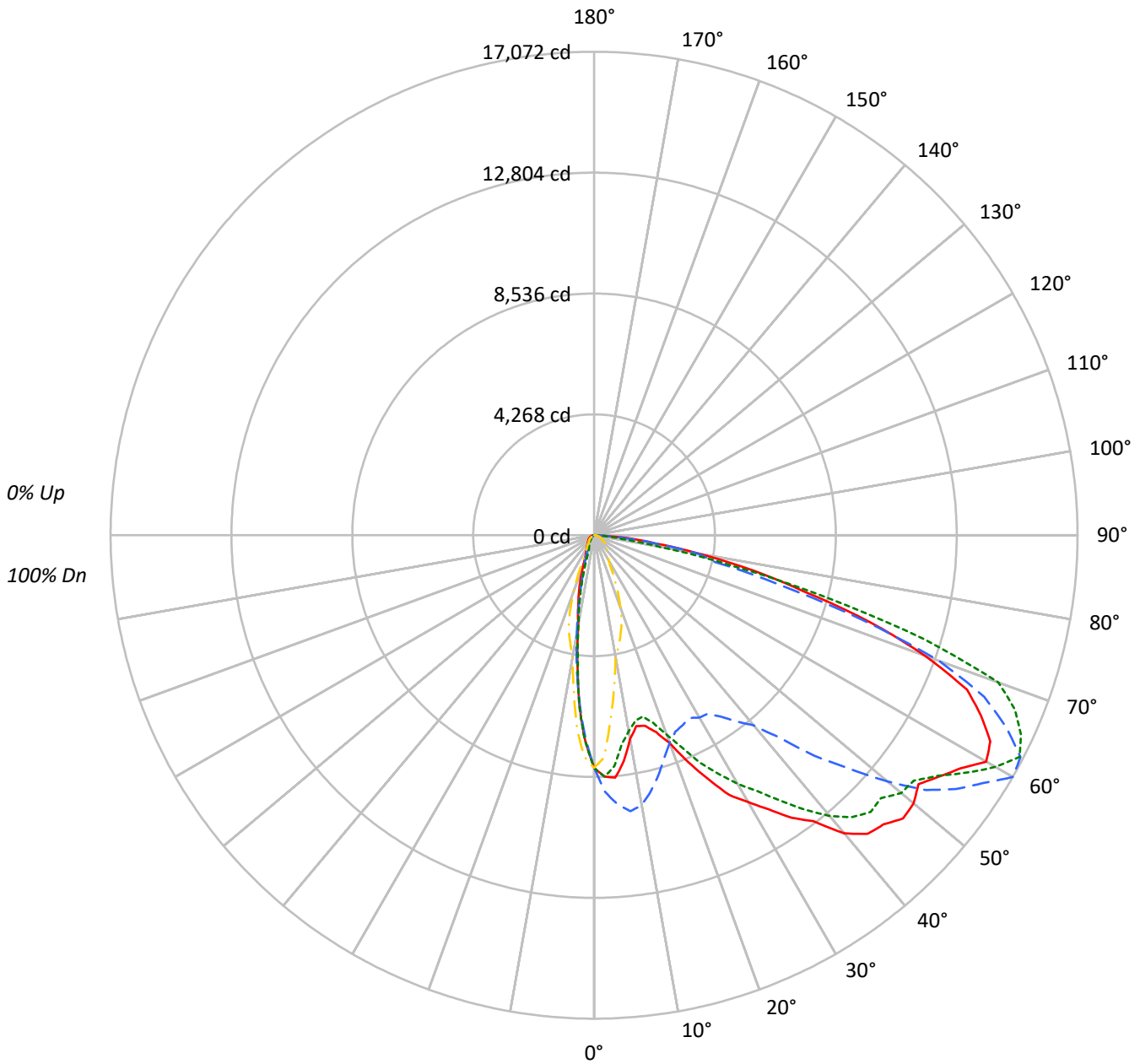
Lumens per Lamp: N/A
 Luminaire Lumens: 21834.6 lumens
 Efficiency: N/A
 Efficacy: 68.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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					
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	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°	44184	44184	44184	44184
5°	46432	44195	32288	32477
10°	39927	38397	17653	17239
15°	38823	36906	11468	8642
20°	44749	42879	6145	3072
25°	56265	52630	3982	2389
30°	67579	62977	3225	1957
35°	80027	75085	2643	1571
40°	96553	90901	2335	1188
45°	109927	105134	2175	799
50°	123319	118534	2148	488
55°	139457	138965	2134	219
60°	172092	176172	1946	62
65°	192019	211769	1782	0
70°	195797	239013	1652	0
75°	159318	176292	1576	0
80°	115838	73730	1627	0
85°	74892	30962	2161	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	623.7	2.9
10°-20°	1223.0	5.6
20°-30°	1692.5	7.8
30°-40°	2391.9	11.0
40°-50°	3256.6	14.9
50°-60°	4313.1	19.8
60°-70°	5007.9	22.9
70°-80°	2836.0	13.0
80°-90°	490.0	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°	3539.2	16.2
0°-40°	5931.0	27.2
0°-60°	13500.8	61.8
0°-90°	21834.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	21834.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8210	8210	8210	8210	8210	
5°	8594	8180	5976	6012	8594	772
15°	6968	6624	2058	1551	6968	2044
25°	9475	8863	670	402	9475	4419
35°	12180	11428	402	239	12180	7679
45°	14443	13813	286	105	14443	11197
55°	14862	14810	227	23	14862	13466
65°	15078	16629	140	0	15078	14699
75°	7662	8478	76	0	7662	8362
85°	1213	501	35	0	1213	1457
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°	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7
2.5°	8530.4	8711.1	8716.9	8798.6	8880.2	8880.2	9072.6	9026.0	8856.9	8827.7	8705.3
5°	8594.5	8658.6	8705.3	9119.3	9469.1	9434.1	9539.1	9469.1	9142.6	8722.8	8437.1
7.5°	8040.6	8110.5	8297.1	9002.6	9474.9	9632.4	9830.6	9393.3	9049.3	8291.3	7743.2
10°	7305.9	7440.0	7784.0	8588.7	9171.7	9673.2	9673.2	9323.3	8658.6	7918.1	7247.6
12.5°	6897.8	7166.0	7352.6	8168.9	8926.9	9270.9	9259.2	9072.6	8641.1	7708.2	6950.2
15°	6967.7	7043.5	7440.0	8075.6	8577.0	8559.5	8769.4	8711.1	8407.9	7894.8	7061.0
17.5°	7288.4	7405.0	7749.0	8075.6	8314.6	8244.7	8238.8	8518.7	8536.2	8209.7	7475.0
20°	7813.2	8157.2	8320.5	8419.6	8128.0	7830.7	7795.7	8186.3	8489.5	8612.0	7970.6
22.5°	8652.8	8880.2	9212.6	8705.3	7947.3	7574.1	7504.2	7935.6	8547.9	9090.1	8612.0
25°	9474.9	9649.9	9970.6	9317.5	8151.4	7521.6	7399.2	7772.4	8769.4	9754.8	9387.5
27.5°	10343.7	10495.3	10530.3	9766.5	8262.1	7416.7	7270.9	7772.4	8956.0	10104.7	10314.6
30°	10874.3	11055.1	11090.1	10163.0	8442.9	7504.2	7434.2	7807.3	9084.3	10402.0	10979.3
32.5°	11469.0	11515.7	11486.5	10232.9	8641.1	7760.7	7469.2	8040.6	9230.0	10757.7	11585.7
35°	12180.4	12262.0	11964.7	10553.6	9084.3	7924.0	7819.0	8326.3	9480.8	10921.0	12320.3
37.5°	12722.7	12979.2	12308.7	10676.1	9171.7	8268.0	8285.5	8921.0	9655.7	11119.2	13130.8
40°	13743.0	13311.6	12891.7	11095.9	9504.1	8851.1	8757.8	9533.2	10244.6	11247.5	13661.4
42.5°	14302.8	14075.4	13119.1	11136.7	10017.2	9655.7	9679.0	10227.1	10553.6	11609.0	13807.2
45°	14442.7	14203.7	13428.2	11165.9	10524.5	10606.1	11008.4	11113.4	11008.4	11848.0	14081.2
47.5°	14798.4	14279.5	13393.2	11556.5	11346.6	11661.5	12174.6	12402.0	11626.5	11760.6	14209.5
50°	14728.4	14431.1	13317.4	11719.8	12349.5	13183.3	13527.3	13434.0	12314.5	11579.8	14069.6
52.5°	14436.9	14116.2	13550.6	12162.9	13288.2	14297.0	14775.1	14541.8	12926.7	11988.0	13976.3
55°	14862.5	14617.6	13853.8	12763.5	13993.8	15276.5	15614.7	15439.8	13678.9	12367.0	14506.9
57.5°	15323.2	15270.7	14676.0	13469.0	14827.6	16285.2	16285.2	16069.5	14331.9	12915.1	15294.0
60°	15987.9	16104.5	15282.3	13935.4	15113.3	16226.9	17072.4	16821.7	14990.8	13877.1	16186.1
62.5°	15772.1	16145.3	16063.7	14938.3	15439.8	16512.6	16973.3	17159.8	15807.1	15049.1	17375.6
65°	15078.3	15474.8	16057.8	15597.2	15194.9	15818.8	16052.0	16617.6	16215.3	16151.1	17865.4
67.5°	14250.3	14681.8	15043.3	16040.3	14699.3	15113.3	14909.2	15089.9	15772.1	17358.1	18145.2
70°	12442.8	12856.8	13428.2	15054.9	13387.4	13014.2	12961.7	12874.3	13935.4	16926.6	16874.1
72.5°	10232.9	10425.3	11369.9	12238.7	9906.4	9836.4	9918.1	9819.0	11049.2	15323.2	14454.4
75°	7661.6	7854.0	8390.4	9399.1	6746.2	6343.8	6810.3	7270.9	8437.1	11894.7	10384.5
77.5°	5760.8	6005.7	6343.8	7031.9	4950.3	4320.6	4384.7	4822.0	6098.9	9527.4	5819.1
80°	3737.5	3708.3	4361.4	4839.5	3725.8	3842.5	3679.2	3999.9	4419.7	5096.1	2973.7
82.5°	2157.4	2186.5	2460.6	2775.4	2594.7	2967.8	2139.9	3574.2	3154.4	2075.7	1107.8
85°	1212.8	1265.3	1516.0	1924.1	1626.8	1090.3	892.1	1772.5	1982.4	851.3	536.4
87.5°	122.4	105.0	204.1	728.8	443.1	180.8	268.2	425.6	478.1	320.7	157.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7
2.5°	8530.4	8530.4	8384.6	8139.7	8040.6	7865.7	7626.6	7702.4	7620.8	7323.4	7247.6
5°	8180.5	7900.6	7597.4	7224.3	7008.5	6565.4	6425.5	6174.7	6215.6	5964.8	5976.5
7.5°	7451.7	7230.1	6717.0	6227.2	5801.6	5416.7	4874.5	4670.4	4472.2	4373.0	4489.7
10°	7026.0	6612.0	5912.4	5271.0	4705.4	4361.4	3999.9	3720.0	3463.5	3271.0	3230.2
12.5°	6717.0	6349.7	5504.2	4722.9	4279.8	3999.9	3667.5	3282.7	3032.0	2699.6	2600.5
15°	6623.7	6174.7	5282.6	4507.2	4075.7	3615.1	3236.1	2857.1	2530.5	2180.7	2058.2
17.5°	6944.4	6425.5	5276.8	4332.2	3725.8	3230.2	2705.5	2279.8	1947.5	1626.8	1551.0
20°	7486.7	6693.7	5445.9	4227.3	3393.5	2728.8	2134.0	1708.4	1335.2	1125.3	1072.9
22.5°	8104.7	7148.5	5463.4	3947.4	3061.1	2227.3	1556.8	1125.3	915.4	816.3	787.1
25°	8862.7	7877.3	5673.3	3720.0	2670.5	1690.9	1107.8	862.9	740.5	682.2	670.5
27.5°	9486.6	8384.6	5900.7	3480.9	2285.6	1253.6	868.8	705.5	641.4	583.1	577.2
30°	10133.8	8967.7	5964.8	3335.2	1953.3	1032.0	746.3	623.9	553.9	524.8	518.9
32.5°	10699.4	9603.2	6168.9	3096.1	1638.4	909.6	676.4	559.8	513.1	466.5	460.6
35°	11428.2	9970.6	6268.0	2967.8	1521.8	822.1	618.1	513.1	443.1	414.0	402.3
37.5°	12209.6	10326.2	6332.2	2868.7	1422.7	769.7	583.1	484.0	419.8	379.0	367.3
40°	12938.4	10827.7	6238.9	2746.3	1346.9	705.5	559.8	449.0	390.7	349.8	332.4
42.5°	13498.1	11317.5	6209.7	2629.7	1265.3	682.2	530.6	431.5	367.3	320.7	314.9
45°	13813.0	11649.8	6005.7	2536.4	1201.1	693.9	518.9	408.2	349.8	309.0	285.7
47.5°	13737.2	11906.4	6058.1	2507.2	1113.7	647.2	513.1	390.7	320.7	285.7	268.2
50°	14157.0	12425.3	5970.7	2413.9	1049.5	583.1	559.8	390.7	314.9	274.0	256.6
52.5°	14227.0	12897.6	6157.3	2244.8	950.4	536.4	553.9	384.8	303.2	262.4	239.1
55°	14810.1	13445.7	6518.8	2151.5	868.8	466.5	507.3	373.2	274.0	239.1	227.4
57.5°	15603.0	14582.7	6752.0	2064.1	758.0	408.2	425.6	367.3	250.7	221.6	204.1
60°	16366.9	15037.5	6769.5	1906.6	653.0	367.3	332.4	367.3	233.2	198.2	180.8
62.5°	16938.3	15037.5	6652.9	1772.5	571.4	326.5	291.5	349.8	209.9	174.9	163.3
65°	16629.2	14635.1	6349.7	1661.8	518.9	285.7	250.7	268.2	186.6	151.6	139.9
67.5°	16075.3	13381.5	5679.1	1527.7	513.1	250.7	215.7	198.2	163.3	134.1	122.4
70°	15189.1	11690.6	4728.7	1376.1	501.4	227.4	192.4	169.1	145.8	116.6	105.0
72.5°	12238.7	9655.7	3883.3	1288.6	489.8	198.2	163.3	145.8	122.4	99.1	87.5
75°	8477.9	6168.9	2991.2	1102.0	478.1	180.8	151.6	128.3	105.0	81.6	75.8
77.5°	5084.4	4122.3	1930.0	828.0	314.9	145.8	128.3	99.1	87.5	70.0	64.1
80°	2378.9	1947.5	781.3	320.7	151.6	105.0	87.5	75.8	70.0	58.3	52.5
82.5°	932.9	822.1	379.0	186.6	122.4	81.6	70.0	64.1	58.3	46.6	40.8
85°	501.4	443.1	180.8	128.3	87.5	58.3	58.3	52.5	46.6	40.8	35.0
87.5°	110.8	81.6	75.8	75.8	64.1	46.6	46.6	40.8	35.0	29.2	23.3
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°	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7
2.5°	7206.8	7294.2	7154.3	7241.8	7119.3	7212.6	7224.3	7136.8	7160.1	7276.8	7329.2
5°	6139.8	6081.5	5953.2	5912.4	5918.2	5842.4	5871.5	5912.4	5976.5	6011.5	6116.4
7.5°	4425.5	4559.6	4553.8	4652.9	4658.8	4647.1	4565.5	4390.5	4448.8	4402.2	4460.5
10°	3166.1	3224.4	3335.2	3399.3	3515.9	3451.8	3265.2	3195.2	3160.3	3154.4	3212.7
12.5°	2530.5	2390.6	2378.9	2402.3	2460.6	2384.8	2291.5	2209.8	2250.7	2332.3	2396.4
15°	1959.1	1842.5	1690.9	1667.6	1679.3	1644.3	1545.1	1440.2	1469.3	1551.0	1597.6
17.5°	1504.3	1370.2	1265.3	1195.3	1172.0	1049.5	903.8	816.3	793.0	787.1	828.0
20°	1014.5	991.2	973.7	886.3	886.3	711.3	588.9	524.8	524.8	536.4	542.3
22.5°	758.0	728.8	734.7	717.2	670.5	530.6	466.5	449.0	449.0	460.6	460.6
25°	658.9	618.1	606.4	600.6	553.9	454.8	408.2	390.7	390.7	402.3	402.3
27.5°	559.8	548.1	530.6	507.3	466.5	390.7	361.5	344.0	349.8	355.7	349.8
30°	513.1	484.0	460.6	460.6	414.0	349.8	326.5	314.9	303.2	314.9	320.7
32.5°	454.8	437.3	425.6	408.2	355.7	309.0	285.7	274.0	268.2	268.2	274.0
35°	390.7	390.7	379.0	355.7	309.0	279.9	250.7	239.1	233.2	239.1	239.1
37.5°	349.8	332.4	338.2	314.9	274.0	244.9	215.7	204.1	204.1	198.2	204.1
40°	326.5	297.4	279.9	268.2	244.9	209.9	186.6	174.9	169.1	169.1	169.1
42.5°	291.5	268.2	233.2	227.4	221.6	180.8	151.6	145.8	139.9	134.1	134.1
45°	274.0	239.1	209.9	180.8	180.8	151.6	128.3	116.6	110.8	105.0	110.8
47.5°	250.7	215.7	180.8	151.6	145.8	122.4	99.1	87.5	81.6	81.6	81.6
50°	239.1	192.4	157.4	128.3	110.8	99.1	75.8	64.1	58.3	58.3	58.3
52.5°	221.6	180.8	139.9	110.8	87.5	75.8	58.3	46.6	40.8	40.8	40.8
55°	198.2	163.3	122.4	93.3	75.8	58.3	40.8	29.2	23.3	23.3	23.3
57.5°	186.6	145.8	105.0	81.6	58.3	40.8	23.3	17.5	17.5	11.7	17.5
60°	169.1	128.3	87.5	64.1	46.6	29.2	17.5	5.8	5.8	5.8	5.8
62.5°	145.8	110.8	75.8	52.5	35.0	17.5	5.8	0.0	0.0	0.0	0.0
65°	122.4	87.5	58.3	40.8	23.3	5.8	0.0	0.0	0.0	0.0	0.0
67.5°	105.0	75.8	46.6	29.2	17.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	93.3	64.1	35.0	23.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	75.8	52.5	29.2	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	64.1	40.8	17.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	52.5	29.2	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	40.8	23.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	35.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.5	5.8	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: P599396
 CATALOG NUMBER: IFLD-L-SA8B-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7	8209.7
2.5°	7405.0	7370.0	7545.0	7830.7	7976.4	8262.1	8332.1	8512.9	8466.2	8530.4
5°	6128.1	6198.1	6454.6	6874.4	7026.0	7440.0	7830.7	8221.3	8472.1	8594.5
7.5°	4548.0	4781.2	5096.1	5480.9	5871.5	6413.8	7078.5	7533.3	7778.2	8040.6
10°	3387.7	3638.4	3999.9	4378.9	5014.4	5620.8	6285.5	6851.1	7061.0	7305.9
12.5°	2664.6	3055.3	3475.1	3883.3	4262.3	4839.5	5661.6	6483.8	6711.2	6897.8
15°	1854.2	2332.3	2932.9	3463.5	3994.1	4495.5	5346.8	6343.8	6652.9	6967.7
17.5°	1026.2	1405.2	2093.2	2839.6	3620.9	4390.5	5451.7	6600.4	7066.8	7288.4
20°	594.7	746.3	1236.1	2122.4	3154.4	4163.1	5504.2	7084.3	7702.4	7813.2
22.5°	489.8	542.3	699.7	1329.4	2583.0	4017.4	5772.4	7760.7	8390.4	8652.8
25°	419.8	460.6	542.3	798.8	1953.3	3708.3	5941.5	8606.2	9189.2	9474.9
27.5°	373.2	414.0	478.1	588.9	1329.4	3282.7	6221.4	9370.0	9953.1	10343.7
30°	326.5	361.5	425.6	501.4	921.3	2804.6	6460.5	9929.7	10751.9	10874.3
32.5°	291.5	320.7	367.3	431.5	682.2	2128.2	6652.9	10507.0	11200.8	11469.0
35°	250.7	285.7	314.9	367.3	518.9	1603.5	6536.3	10955.9	11859.7	12180.4
37.5°	221.6	244.9	274.0	309.0	437.3	1253.6	6297.2	11492.4	12425.3	12722.7
40°	186.6	204.1	239.1	274.0	396.5	967.9	6023.1	12139.6	13218.3	13743.0
42.5°	157.4	174.9	198.2	256.6	326.5	717.2	5469.2	12641.0	13859.6	14302.8
45°	122.4	145.8	180.8	256.6	262.4	530.6	4897.8	13014.2	14221.2	14442.7
47.5°	93.3	116.6	174.9	221.6	209.9	367.3	4221.4	13439.8	14594.3	14798.4
50°	70.0	93.3	198.2	192.4	174.9	279.9	3795.8	13737.2	14617.6	14728.4
52.5°	46.6	70.0	163.3	145.8	145.8	244.9	3679.2	13725.5	14676.0	14436.9
55°	35.0	52.5	93.3	105.0	128.3	215.7	3574.2	14162.8	14693.4	14862.5
57.5°	23.3	40.8	64.1	81.6	110.8	186.6	3358.5	14687.6	15235.7	15323.2
60°	11.7	29.2	46.6	64.1	93.3	163.3	3055.3	15072.4	15894.6	15987.9
62.5°	5.8	17.5	35.0	52.5	75.8	128.3	2740.4	14460.2	15608.9	15772.1
65°	0.0	11.7	23.3	35.0	46.6	93.3	2227.3	13055.0	14477.7	15078.3
67.5°	0.0	0.0	11.7	23.3	29.2	70.0	1679.3	11877.2	13434.0	14250.3
70°	0.0	0.0	5.8	5.8	17.5	52.5	1072.9	9836.4	11993.8	12442.8
72.5°	0.0	0.0	0.0	0.0	5.8	35.0	623.9	7305.9	9399.1	10232.9
75°	0.0	0.0	0.0	0.0	0.0	29.2	314.9	4699.6	6542.1	7661.6
77.5°	0.0	0.0	0.0	0.0	0.0	23.3	169.1	3032.0	4822.0	5760.8
80°	0.0	0.0	0.0	0.0	0.0	5.8	99.1	1760.9	3084.5	3737.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	40.8	862.9	1842.5	2157.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.7	460.6	921.3	1212.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	64.1	122.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)