

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: P599395

Luminaire Tested: **IFLD-L-SA8A-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: P599395
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-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

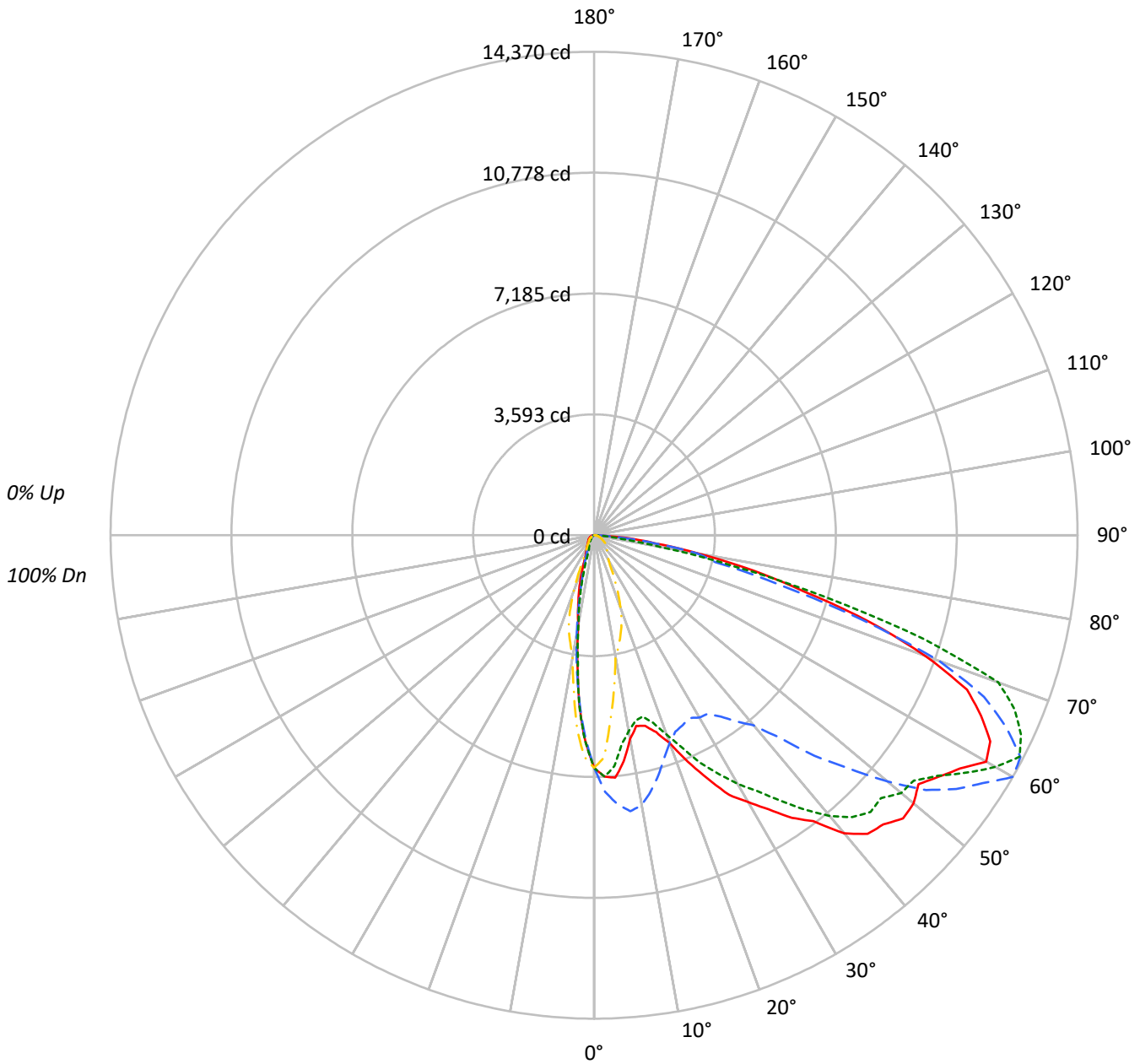
Lumens per Lamp: N/A
 Luminaire Lumens: 18378.3 lumens
 Efficiency: N/A
 Efficacy: 74.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	37190	37190	37190	37190
5°	39082	37200	27177	27336
10°	33606	32319	14859	14510
15°	32678	31064	9653	7274
20°	37665	36092	5172	2586
25°	47359	44299	3352	2011
30°	56882	53008	2715	1647
35°	67359	63200	2225	1322
40°	81270	76511	1965	1000
45°	92526	88492	1831	672
50°	103798	99771	1808	411
55°	117382	116968	1796	184
60°	144850	148285	1637	53
65°	161622	178248	1500	0
70°	164803	201177	1389	0
75°	134098	148386	1327	0
80°	97502	62061	1370	0
85°	63035	26065	1815	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	525.0	2.9
10°-20°	1029.4	5.6
20°-30°	1424.5	7.8
30°-40°	2013.3	11.0
40°-50°	2741.1	14.9
50°-60°	3630.4	19.8
60°-70°	4215.1	22.9
70°-80°	2387.1	13.0
80°-90°	412.4	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°	2978.9	16.2
0°-40°	4992.2	27.2
0°-60°	11363.6	61.8
0°-90°	18378.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18378.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6910	6910	6910	6910	6910	
5°	7234	6886	5030	5060	7234	650
15°	5865	5575	1732	1306	5865	1720
25°	7975	7460	564	339	7975	3720
35°	10252	9619	339	201	10252	6463
45°	12156	11626	240	88	12156	9425
55°	12510	12466	191	20	12510	11334
65°	12691	13997	118	0	12691	12372
75°	6449	7136	64	0	6449	7038
85°	1021	422	29	0	1021	1227
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°	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1
2.5°	7180.0	7332.2	7337.1	7405.8	7474.5	7474.5	7636.5	7597.2	7454.9	7430.3	7327.3
5°	7234.0	7288.0	7327.3	7675.7	7970.2	7940.7	8029.1	7970.2	7695.4	7342.0	7101.5
7.5°	6767.8	6826.7	6983.7	7577.6	7975.1	8107.6	8274.5	7906.4	7616.8	6978.8	6517.5
10°	6149.4	6262.3	6551.8	7229.1	7719.9	8142.0	8142.0	7847.5	7288.0	6664.7	6100.3
12.5°	5805.9	6031.6	6188.7	6875.8	7513.8	7803.3	7793.5	7636.5	7273.3	6488.0	5850.0
15°	5864.8	5928.6	6262.3	6797.2	7219.3	7204.6	7381.3	7332.2	7077.0	6645.1	5943.3
17.5°	6134.7	6232.8	6522.4	6797.2	6998.5	6939.6	6934.6	7170.2	7184.9	6910.1	6291.7
20°	6576.4	6865.9	7003.4	7086.8	6841.4	6591.1	6561.7	6890.5	7145.7	7248.7	6708.9
22.5°	7283.1	7474.5	7754.2	7327.3	6689.3	6375.2	6316.3	6679.4	7194.8	7651.2	7248.7
25°	7975.1	8122.3	8392.3	7842.6	6861.0	6331.0	6227.9	6542.0	7381.3	8210.7	7901.5
27.5°	8706.3	8833.9	8863.4	8220.5	6954.3	6242.7	6120.0	6542.0	7538.3	8505.1	8681.8
30°	9153.0	9305.1	9334.5	8554.2	7106.4	6316.3	6257.4	6571.5	7646.3	8755.4	9241.3
32.5°	9653.5	9692.8	9668.3	8613.1	7273.3	6532.2	6286.8	6767.8	7769.0	9054.8	9751.7
35°	10252.3	10321.0	10070.7	8883.0	7646.3	6669.6	6581.3	7008.3	7980.0	9192.2	10370.1
37.5°	10708.7	10924.6	10360.3	8986.1	7719.9	6959.2	6973.9	7508.9	8127.2	9359.1	11052.3
40°	11567.6	11204.4	10851.0	9339.4	7999.6	7450.0	7371.4	8024.2	8622.9	9467.0	11498.9
42.5°	12038.7	11847.3	11042.4	9373.8	8431.5	8127.2	8146.9	8608.2	8883.0	9771.3	11621.6
45°	12156.5	11955.3	11302.5	9398.3	8858.5	8927.2	9265.8	9354.2	9265.8	9972.5	11852.2
47.5°	12455.9	12019.1	11273.1	9727.2	9550.5	9815.5	10247.4	10438.8	9786.1	9898.9	11960.2
50°	12397.0	12146.7	11209.3	9864.6	10394.6	11096.4	11386.0	11307.5	10365.2	9746.8	11842.4
52.5°	12151.6	11881.7	11405.6	10237.6	11184.8	12033.8	12436.2	12239.9	10880.5	10090.3	11763.9
55°	12509.9	12303.7	11660.8	10743.1	11778.6	12858.3	13143.0	12995.7	11513.6	10409.3	12210.5
57.5°	12897.6	12853.4	12352.8	11336.9	12480.4	13707.3	13707.3	13525.8	12063.2	10870.7	12873.0
60°	13457.0	13555.2	12863.2	11729.5	12720.9	13658.3	14369.9	14158.9	12617.8	11680.4	13623.9
62.5°	13275.5	13589.6	13520.8	12573.7	12995.7	13898.7	14286.5	14443.5	13304.9	12666.9	14625.1
65°	12691.4	13025.2	13515.9	13128.2	12789.6	13314.7	13511.0	13987.1	13648.5	13594.5	15037.3
67.5°	11994.5	12357.7	12662.0	13501.2	12372.4	12720.9	12549.1	12701.3	13275.5	14610.4	15272.9
70°	10473.1	10821.6	11302.5	12671.8	11268.2	10954.1	10909.9	10836.3	11729.5	14247.2	14203.0
72.5°	8613.1	8775.1	9570.1	10301.4	8338.3	8279.4	8348.1	8264.6	9300.2	12897.6	12166.3
75°	6448.8	6610.7	7062.3	7911.3	5678.3	5339.6	5732.3	6120.0	7101.5	10011.8	8740.7
77.5°	4848.9	5055.0	5339.6	5918.7	4166.7	3636.6	3690.6	4058.7	5133.5	8019.3	4897.9
80°	3145.9	3121.3	3671.0	4073.4	3136.1	3234.2	3096.8	3366.7	3720.1	4289.4	2503.0
82.5°	1815.9	1840.4	2071.1	2336.1	2183.9	2498.0	1801.1	3008.5	2655.1	1747.2	932.5
85°	1020.8	1065.0	1276.0	1619.6	1369.3	917.7	750.9	1492.0	1668.6	716.5	451.5
87.5°	103.1	88.3	171.8	613.5	373.0	152.1	225.8	358.3	402.4	269.9	132.5
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°	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1
2.5°	7180.0	7180.0	7057.3	6851.2	6767.8	6620.6	6419.3	6483.1	6414.4	6164.1	6100.3
5°	6885.6	6650.0	6394.8	6080.7	5899.1	5526.1	5408.3	5197.3	5231.7	5020.6	5030.4
7.5°	6272.1	6085.6	5653.7	5241.5	4883.2	4559.3	4102.9	3931.1	3764.2	3680.8	3779.0
10°	5913.8	5565.4	4976.5	4436.6	3960.6	3671.0	3366.7	3131.1	2915.2	2753.2	2718.9
12.5°	5653.7	5344.5	4632.9	3975.3	3602.3	3366.7	3087.0	2763.1	2552.0	2272.3	2188.9
15°	5575.2	5197.3	4446.4	3793.7	3430.5	3042.8	2723.8	2404.8	2130.0	1835.5	1732.4
17.5°	5845.1	5408.3	4441.5	3646.5	3136.1	2718.9	2277.2	1918.9	1639.2	1369.3	1305.5
20°	6301.6	5634.1	4583.8	3558.1	2856.3	2296.8	1796.2	1438.0	1123.9	947.2	903.0
22.5°	6821.8	6016.9	4598.6	3322.5	2576.6	1874.8	1310.4	947.2	770.5	687.1	662.5
25°	7459.8	6630.4	4775.2	3131.1	2247.7	1423.2	932.5	726.3	623.3	574.2	564.4
27.5°	7984.9	7057.3	4966.6	2929.9	1923.8	1055.2	731.3	593.8	539.9	490.8	485.9
30°	8529.7	7548.1	5020.6	2807.2	1644.1	868.7	628.2	525.1	466.2	441.7	436.8
32.5°	9005.7	8083.1	5192.4	2606.0	1379.1	765.6	569.3	471.1	431.9	392.6	387.7
35°	9619.2	8392.3	5275.8	2498.0	1280.9	692.0	520.2	431.9	373.0	348.5	338.6
37.5°	10276.8	8691.6	5329.8	2414.6	1197.5	647.8	490.8	407.3	353.4	319.0	309.2
40°	10890.3	9113.7	5251.3	2311.5	1133.7	593.8	471.1	377.9	328.8	294.5	279.7
42.5°	11361.4	9525.9	5226.8	2213.4	1065.0	574.2	446.6	363.2	309.2	269.9	265.0
45°	11626.5	9805.7	5055.0	2134.9	1011.0	584.0	436.8	343.5	294.5	260.1	240.5
47.5°	11562.7	10021.6	5099.2	2110.3	937.4	544.8	431.9	328.8	269.9	240.5	225.8
50°	11916.0	10458.4	5025.5	2031.8	883.4	490.8	471.1	328.8	265.0	230.7	215.9
52.5°	11974.9	10855.9	5182.6	1889.5	800.0	451.5	466.2	323.9	255.2	220.8	201.2
55°	12465.7	11317.3	5486.9	1811.0	731.3	392.6	427.0	314.1	230.7	201.2	191.4
57.5°	13133.1	12274.3	5683.2	1737.3	638.0	343.5	358.3	309.2	211.0	186.5	171.8
60°	13776.1	12657.1	5697.9	1604.8	549.7	309.2	279.7	309.2	196.3	166.9	152.1
62.5°	14257.0	12657.1	5599.7	1492.0	481.0	274.8	245.4	294.5	176.7	147.2	137.4
65°	13996.9	12318.5	5344.5	1398.7	436.8	240.5	211.0	225.8	157.0	127.6	117.8
67.5°	13530.7	11263.3	4780.1	1285.8	431.9	211.0	181.6	166.9	137.4	112.9	103.1
70°	12784.7	9840.0	3980.2	1158.2	422.1	191.4	162.0	142.3	122.7	98.2	88.3
72.5°	10301.4	8127.2	3268.6	1084.6	412.3	166.9	137.4	122.7	103.1	83.4	73.6
75°	7135.9	5192.4	2517.7	927.6	402.4	152.1	127.6	108.0	88.3	68.7	63.8
77.5°	4279.6	3469.8	1624.5	696.9	265.0	122.7	108.0	83.4	73.6	58.9	54.0
80°	2002.4	1639.2	657.6	269.9	127.6	88.3	73.6	63.8	58.9	49.1	44.2
82.5°	785.2	692.0	319.0	157.0	103.1	68.7	58.9	54.0	49.1	39.3	34.4
85°	422.1	373.0	152.1	108.0	73.6	49.1	49.1	44.2	39.3	34.4	29.4
87.5°	93.2	68.7	63.8	63.8	54.0	39.3	39.3	34.4	29.4	24.5	19.6
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°	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1
2.5°	6066.0	6139.6	6021.8	6095.4	5992.4	6070.9	6080.7	6007.1	6026.7	6124.9	6169.0
5°	5167.9	5118.8	5010.8	4976.5	4981.4	4917.6	4942.1	4976.5	5030.4	5059.9	5148.2
7.5°	3725.0	3837.9	3833.0	3916.4	3921.3	3911.5	3842.8	3695.5	3744.6	3705.4	3754.4
10°	2664.9	2714.0	2807.2	2861.2	2959.4	2905.4	2748.3	2689.4	2660.0	2655.1	2704.2
12.5°	2130.0	2012.2	2002.4	2022.0	2071.1	2007.3	1928.7	1860.0	1894.4	1963.1	2017.1
15°	1649.0	1550.8	1423.2	1403.6	1413.4	1384.0	1300.6	1212.2	1236.8	1305.5	1344.7
17.5°	1266.2	1153.3	1065.0	1006.1	986.5	883.4	760.7	687.1	667.5	662.5	696.9
20°	853.9	834.3	819.6	746.0	746.0	598.7	495.7	441.7	441.7	451.5	456.4
22.5°	638.0	613.5	618.4	603.7	564.4	446.6	392.6	377.9	377.9	387.7	387.7
25°	554.6	520.2	510.4	505.5	466.2	382.8	343.5	328.8	328.8	338.6	338.6
27.5°	471.1	461.3	446.6	427.0	392.6	328.8	304.3	289.6	294.5	299.4	294.5
30°	431.9	407.3	387.7	387.7	348.5	294.5	274.8	265.0	255.2	265.0	269.9
32.5°	382.8	368.1	358.3	343.5	299.4	260.1	240.5	230.7	225.8	225.8	230.7
35°	328.8	328.8	319.0	299.4	260.1	235.6	211.0	201.2	196.3	201.2	201.2
37.5°	294.5	279.7	284.6	265.0	230.7	206.1	181.6	171.8	171.8	166.9	171.8
40°	274.8	250.3	235.6	225.8	206.1	176.7	157.0	147.2	142.3	142.3	142.3
42.5°	245.4	225.8	196.3	191.4	186.5	152.1	127.6	122.7	117.8	112.9	112.9
45°	230.7	201.2	176.7	152.1	152.1	127.6	108.0	98.2	93.2	88.3	93.2
47.5°	211.0	181.6	152.1	127.6	122.7	103.1	83.4	73.6	68.7	68.7	68.7
50°	201.2	162.0	132.5	108.0	93.2	83.4	63.8	54.0	49.1	49.1	49.1
52.5°	186.5	152.1	117.8	93.2	73.6	63.8	49.1	39.3	34.4	34.4	34.4
55°	166.9	137.4	103.1	78.5	63.8	49.1	34.4	24.5	19.6	19.6	19.6
57.5°	157.0	122.7	88.3	68.7	49.1	34.4	19.6	14.7	14.7	9.8	14.7
60°	142.3	108.0	73.6	54.0	39.3	24.5	14.7	4.9	4.9	4.9	4.9
62.5°	122.7	93.2	63.8	44.2	29.4	14.7	4.9	0.0	0.0	0.0	0.0
65°	103.1	73.6	49.1	34.4	19.6	4.9	0.0	0.0	0.0	0.0	0.0
67.5°	88.3	63.8	39.3	24.5	14.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	78.5	54.0	29.4	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	63.8	44.2	24.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	54.0	34.4	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	44.2	24.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	34.4	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.4	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.7	4.9	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: P599395
 CATALOG NUMBER: IFLD-L-SA8A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1	6910.1
2.5°	6232.8	6203.4	6350.6	6591.1	6713.8	6954.3	7013.2	7165.3	7126.1	7180.0
5°	5158.0	5216.9	5432.9	5786.2	5913.8	6262.3	6591.1	6919.9	7131.0	7234.0
7.5°	3828.0	4024.4	4289.4	4613.3	4942.1	5398.5	5958.0	6340.8	6546.9	6767.8
10°	2851.4	3062.4	3366.7	3685.7	4220.7	4731.1	5290.6	5766.6	5943.3	6149.4
12.5°	2242.8	2571.7	2925.0	3268.6	3587.6	4073.4	4765.4	5457.4	5648.8	5805.9
15°	1560.7	1963.1	2468.6	2915.2	3361.8	3783.9	4500.4	5339.6	5599.7	5864.8
17.5°	863.8	1182.8	1761.9	2390.1	3047.7	3695.5	4588.7	5555.6	5948.2	6134.7
20°	500.6	628.2	1040.4	1786.4	2655.1	3504.1	4632.9	5962.9	6483.1	6576.4
22.5°	412.3	456.4	588.9	1119.0	2174.1	3381.4	4858.7	6532.2	7062.3	7283.1
25°	353.4	387.7	456.4	672.4	1644.1	3121.3	5001.0	7243.8	7734.6	7975.1
27.5°	314.1	348.5	402.4	495.7	1119.0	2763.1	5236.6	7886.8	8377.5	8706.3
30°	274.8	304.3	358.3	422.1	775.4	2360.6	5437.8	8357.9	9049.9	9153.0
32.5°	245.4	269.9	309.2	363.2	574.2	1791.3	5599.7	8843.8	9427.8	9653.5
35°	211.0	240.5	265.0	309.2	436.8	1349.6	5501.6	9221.7	9982.4	10252.3
37.5°	186.5	206.1	230.7	260.1	368.1	1055.2	5300.4	9673.2	10458.4	10708.7
40°	157.0	171.8	201.2	230.7	333.7	814.7	5069.7	10217.9	11125.9	11567.6
42.5°	132.5	147.2	166.9	215.9	274.8	603.7	4603.5	10640.0	11665.7	12038.7
45°	103.1	122.7	152.1	215.9	220.8	446.6	4122.5	10954.1	11970.0	12156.5
47.5°	78.5	98.2	147.2	186.5	176.7	309.2	3553.2	11312.4	12284.1	12455.9
50°	58.9	78.5	166.9	162.0	147.2	235.6	3194.9	11562.7	12303.7	12397.0
52.5°	39.3	58.9	137.4	122.7	122.7	206.1	3096.8	11552.8	12352.8	12151.6
55°	29.4	44.2	78.5	88.3	108.0	181.6	3008.5	11920.9	12367.5	12509.9
57.5°	19.6	34.4	54.0	68.7	93.2	157.0	2826.9	12362.6	12823.9	12897.6
60°	9.8	24.5	39.3	54.0	78.5	137.4	2571.7	12686.5	13378.5	13457.0
62.5°	4.9	14.7	29.4	44.2	63.8	108.0	2306.6	12171.2	13138.0	13275.5
65°	0.0	9.8	19.6	29.4	39.3	78.5	1874.8	10988.5	12185.9	12691.4
67.5°	0.0	0.0	9.8	19.6	24.5	58.9	1413.4	9997.1	11307.5	11994.5
70°	0.0	0.0	4.9	4.9	14.7	44.2	903.0	8279.4	10095.2	10473.1
72.5°	0.0	0.0	0.0	0.0	4.9	29.4	525.1	6149.4	7911.3	8613.1
75°	0.0	0.0	0.0	0.0	0.0	24.5	265.0	3955.6	5506.5	6448.8
77.5°	0.0	0.0	0.0	0.0	0.0	19.6	142.3	2552.0	4058.7	4848.9
80°	0.0	0.0	0.0	0.0	0.0	4.9	83.4	1482.1	2596.2	3145.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	34.4	726.3	1550.8	1815.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	9.8	387.7	775.4	1020.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	54.0	103.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)