

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: P598874

Luminaire Tested: **IFLD-L-SA8B-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598874
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (128) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

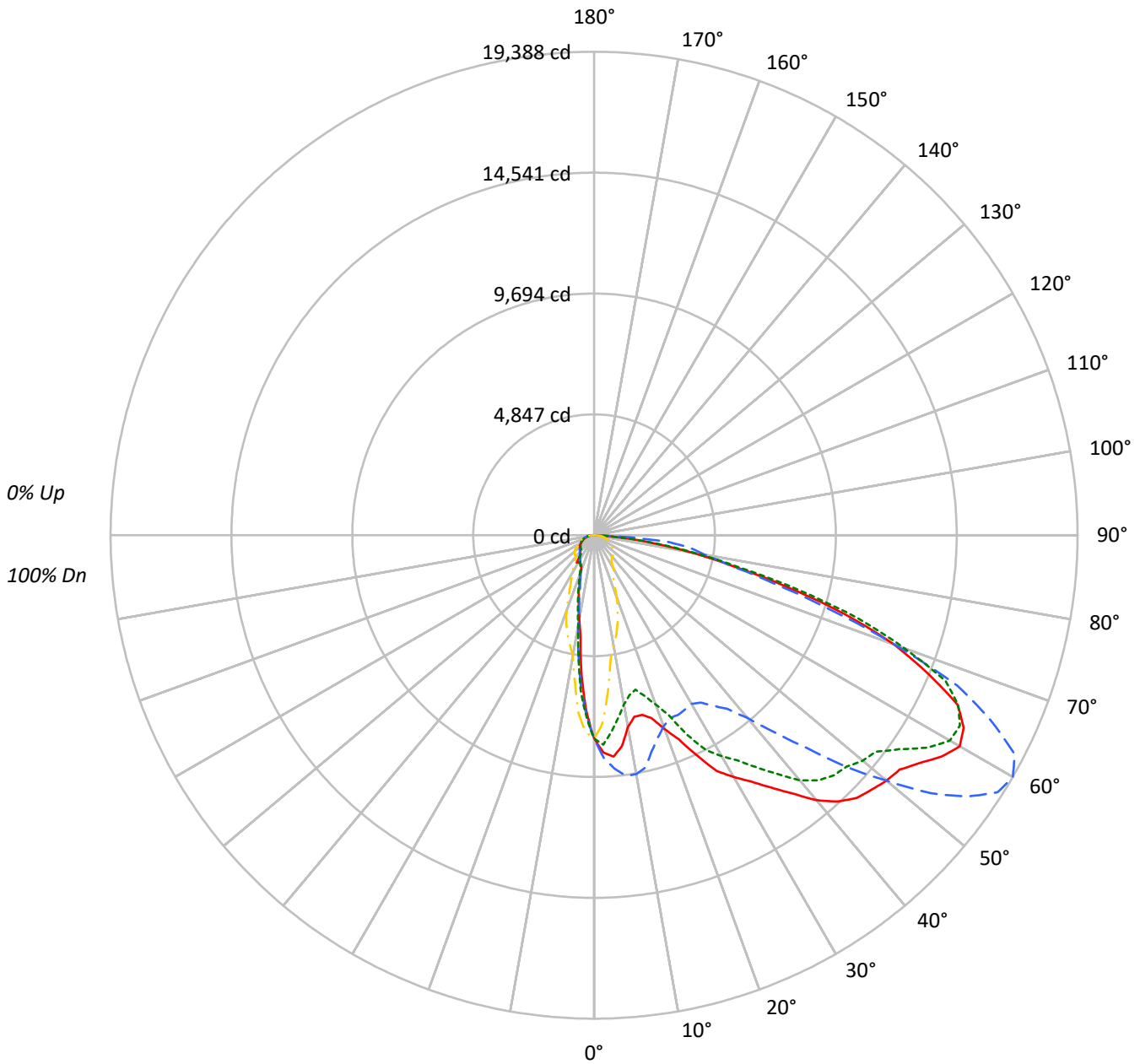
Lumens per Lamp: N/A
 Luminaire Lumens: 25500.0 lumens
 Efficiency: N/A
 Efficacy: 79.7 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	43833	43833	43833	43833
5°	48156	42779	30679	33490
10°	42655	37648	18608	19967
15°	41535	35736	13173	13677
20°	47360	41334	8617	9523
25°	57702	52396	7523	7792
30°	69525	63549	7803	7241
35°	81084	74618	6466	6094
40°	97434	90123	6040	5722
45°	113390	103575	6113	5683
50°	128145	117727	6251	5872
55°	149446	140319	6474	6156
60°	182275	177283	6453	6453
65°	204846	205133	6626	6915
70°	201319	208439	6943	7120
75°	166067	177122	7293	7763
80°	119904	125864	8064	8415
85°	66358	71248	9084	11177

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	632.7	2.5
10°-20°	1335.9	5.2
20°-30°	1954.5	7.7
30°-40°	2753.8	10.8
40°-50°	3784.6	14.8
50°-60°	5158.0	20.2
60°-70°	5645.2	22.1
70°-80°	3259.2	12.8
80°-90°	976.0	3.8
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°	3923.2	15.4
0°-40°	6677.0	26.2
0°-60°	15619.6	61.3
0°-90°	25500.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25500.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8144	8144	8144	8144	8144	
5°	8914	7918	5679	6199	8914	809
15°	7454	6414	2364	2455	7454	2178
25°	9717	8823	1267	1312	9717	4550
35°	12341	11357	984	928	12341	7825
45°	14898	13608	803	747	14898	11450
55°	15927	14954	690	656	15927	14371
65°	16086	16108	520	543	16086	15396
75°	7986	8518	351	373	7986	8579
85°	1075	1154	147	181	1075	1491
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5
2.5°	8721.4	8687.5	8721.4	8845.9	8879.8	8936.4	8936.4	8857.2	8710.1	8642.3	8529.1
5°	8913.7	8857.2	9140.0	9400.2	9603.8	9581.1	9388.8	9230.5	8936.4	8495.2	8076.7
7.5°	8529.1	8585.7	8789.3	9468.0	9943.1	10033.6	9728.2	9411.5	8778.0	8167.2	7601.6
10°	7805.2	7884.4	8325.5	9026.9	9773.4	9920.5	9728.2	9343.6	8585.7	7827.8	7171.7
12.5°	7454.5	7635.5	7895.7	8744.1	9275.7	9626.4	9535.9	9287.0	8438.6	7545.0	6911.5
15°	7454.5	7499.8	7884.4	8597.0	8902.4	8913.7	8947.7	8992.9	8483.9	7669.4	6821.1
17.5°	7692.1	7816.5	8144.5	8585.7	8642.3	8506.5	8506.5	8698.8	8574.4	8020.1	7149.1
20°	8269.0	8223.7	8653.6	8834.6	8529.1	8189.8	8155.9	8483.9	8676.2	8393.4	7748.6
22.5°	8845.9	9049.5	9400.2	8992.9	8427.3	7974.9	7929.6	8336.8	8981.6	9038.2	8438.6
25°	9716.9	9920.5	10101.5	9603.8	8416.0	7918.3	7952.2	8269.0	9354.9	9954.4	9592.5
27.5°	10655.8	10780.2	11040.4	10271.2	8687.5	7850.4	7884.4	8359.5	9705.6	10554.0	10497.4
30°	11187.4	11323.2	11266.6	10395.6	8868.5	7895.7	7805.2	8483.9	9513.3	10554.0	11085.6
32.5°	11707.8	11628.6	11594.7	10599.2	9094.7	8178.5	7952.2	8744.1	9626.4	10723.6	11843.5
35°	12341.2	12228.1	12137.6	10995.1	9468.0	8450.0	8348.2	9083.4	9875.3	11074.3	12454.4
37.5°	13042.6	13042.6	12601.4	11289.2	9909.2	8891.1	8778.0	9569.8	10271.2	11289.2	13291.4
40°	13868.3	13902.3	13121.8	11685.2	10406.9	9592.5	9558.5	10203.3	10655.8	11606.0	14094.6
42.5°	14479.2	14501.8	13574.2	11832.2	10983.8	10565.3	10712.3	11221.4	11096.9	11888.8	14151.1
45°	14897.7	14784.6	13891.0	12250.7	11617.3	12024.5	12069.8	12216.8	11673.8	12058.4	14377.4
47.5°	15101.3	15078.7	14026.7	12737.2	12952.1	13506.4	13766.5	13562.9	12205.5	11877.5	14377.4
50°	15304.9	15112.6	14151.1	13404.6	14252.9	15372.8	15316.3	14943.0	12940.8	12103.7	14162.5
52.5°	15440.7	15271.0	14400.0	14004.1	15497.3	16764.2	16990.4	16300.4	13800.5	12522.2	14264.3
55°	15927.1	15791.4	15146.6	14818.5	16933.9	18234.7	18268.7	17307.1	14705.4	13212.3	14931.7
57.5°	16515.3	16594.5	16176.0	15972.3	18031.1	19309.3	19184.9	18053.7	15474.6	14049.3	15700.9
60°	16933.9	17058.3	16956.5	16979.1	18574.1	19671.3	19388.5	18517.5	16040.2	14682.8	16639.7
62.5°	16707.6	16956.5	17375.0	17284.5	18596.7	19411.2	19015.2	17906.7	16108.1	15508.6	17352.4
65°	16085.5	16108.1	16922.5	17420.3	17578.6	18065.0	17544.7	16628.4	15406.8	16017.6	17250.6
67.5°	14490.5	14671.5	15406.8	16379.6	15712.2	15825.3	15780.0	14456.6	14343.4	15666.9	16470.1
70°	12793.7	12918.1	13721.3	14863.8	13268.8	12737.2	12839.0	11854.8	12318.6	14581.0	14897.7
72.5°	10576.6	10655.8	11572.0	12578.8	10644.5	9694.3	9931.8	9128.7	9784.8	12759.8	12567.5
75°	7986.2	8133.2	8845.9	10033.6	7839.1	7228.3	7465.8	7137.8	7748.6	10508.7	9750.8
77.5°	5678.6	5565.4	6447.8	7850.4	5893.5	5531.5	5554.1	5610.7	6266.8	8857.2	7002.0
80°	3868.7	3902.6	4694.4	5757.7	4626.6	4570.0	4513.4	4965.9	5260.0	7013.4	5090.3
82.5°	2296.3	2296.3	3167.3	4094.9	3653.7	4117.5	3857.3	4264.6	4117.5	5158.2	3337.0
85°	1074.6	1074.6	1628.9	2952.4	2828.0	3393.6	2884.5	3223.9	3042.9	3597.2	1504.5
87.5°	181.0	158.4	328.0	1447.9	1165.1	1323.5	520.3	1719.4	1911.7	2511.2	373.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5
2.5°	8404.7	8325.5	8167.2	7963.6	7793.9	7578.9	7511.1	7364.0	7160.4	7137.8	7047.3
5°	7918.3	7646.8	7307.5	6888.9	6606.1	6312.0	6063.2	5916.1	5746.4	5723.8	5678.6
7.5°	7386.6	7047.3	6481.7	5984.0	5497.6	5033.8	4807.5	4524.7	4332.4	4185.4	4117.5
10°	6888.9	6572.2	5870.9	5192.1	4762.3	4456.9	4185.4	3891.3	3653.7	3472.7	3404.9
12.5°	6560.9	6187.6	5429.7	4784.9	4468.2	4117.5	3812.1	3495.4	3189.9	2952.4	2828.0
15°	6413.8	6063.2	5294.0	4581.3	4117.5	3631.1	3280.4	2963.7	2590.4	2420.7	2364.2
17.5°	6764.5	6244.1	5248.7	4343.8	3687.7	3133.4	2703.5	2364.2	2092.7	1923.0	1855.1
20°	7217.0	6572.2	5327.9	4061.0	3280.4	2658.3	2183.2	1821.2	1640.2	1515.8	1504.5
22.5°	7793.9	7058.6	5452.3	3857.3	2828.0	2137.9	1708.1	1493.2	1368.7	1357.4	1334.8
25°	8823.3	7940.9	5655.9	3585.9	2466.0	1764.7	1459.2	1334.8	1278.2	1244.3	1266.9
27.5°	9705.6	8517.8	5803.0	3416.2	2318.9	1662.8	1414.0	1278.2	1221.7	1210.4	1221.7
30°	10225.9	9049.5	5757.7	3099.5	2024.8	1583.7	1504.5	1459.2	1346.1	1255.6	1255.6
32.5°	10701.0	9388.8	5746.4	2816.7	1730.7	1323.5	1255.6	1221.7	1289.6	1334.8	1300.9
35°	11357.1	9920.5	5712.5	2658.3	1606.3	1221.7	1108.6	1018.1	972.8	950.2	984.1
37.5°	12058.4	10282.5	5622.0	2635.7	1538.4	1165.1	1074.6	984.1	938.9	916.3	904.9
40°	12827.7	10667.1	5520.2	2522.5	1504.5	1131.2	1040.7	961.5	904.9	871.0	859.7
42.5°	13325.4	10972.5	5418.4	2466.0	1436.6	1108.6	1006.8	938.9	882.3	837.1	837.1
45°	13608.2	11334.5	5316.6	2409.4	1357.4	1119.9	1006.8	916.3	848.4	825.8	803.1
47.5°	13732.6	11606.0	5282.6	2318.9	1289.6	1074.6	984.1	893.6	825.8	780.5	769.2
50°	14060.6	12182.9	5407.1	2251.1	1210.4	1029.4	1040.7	882.3	814.5	757.9	746.6
52.5°	14252.9	12646.7	5678.6	2149.3	1153.8	972.8	1018.1	859.7	780.5	724.0	724.0
55°	14954.3	13415.9	5972.7	2070.1	1085.9	893.6	938.9	814.5	724.0	690.0	690.0
57.5°	15847.9	14230.3	6221.5	2036.1	1040.7	837.1	837.1	791.8	690.0	644.8	633.5
60°	16470.1	14897.7	6368.6	2013.5	995.4	780.5	746.6	791.8	656.1	610.8	599.5
62.5°	16537.9	14513.1	6221.5	2002.2	984.1	724.0	678.7	757.9	622.2	576.9	554.3
65°	16108.1	13732.6	5814.3	1957.0	972.8	667.4	633.5	656.1	576.9	543.0	520.3
67.5°	15248.4	12465.7	5226.1	1934.3	961.5	622.2	576.9	565.6	531.7	497.7	475.1
70°	13246.2	10814.1	4536.1	1832.5	938.9	588.2	520.3	509.0	475.1	452.5	441.2
72.5°	11119.6	8845.9	3744.2	1696.8	893.6	531.7	475.1	452.5	441.2	407.2	395.9
75°	8517.8	6809.7	2997.6	1504.5	780.5	475.1	418.5	395.9	384.6	362.0	350.7
77.5°	5984.0	5067.7	2217.1	1221.7	656.1	429.9	373.3	350.7	339.4	305.4	305.4
80°	4061.0	3551.9	1504.5	848.4	509.0	350.7	328.0	305.4	282.8	260.2	260.2
82.5°	2522.5	2488.6	1085.9	554.3	373.3	282.8	260.2	260.2	226.2	203.6	203.6
85°	1153.8	1527.1	757.9	384.6	282.8	214.9	214.9	203.6	181.0	147.1	147.1
87.5°	362.0	509.0	395.9	169.7	158.4	124.4	124.4	113.1	113.1	90.5	90.5
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5
2.5°	7137.8	7126.5	7126.5	7081.2	7194.3	7194.3	7262.2	7205.7	7239.6	7250.9	7341.4
5°	5667.2	5757.7	5825.6	5961.4	6040.5	6074.5	6074.5	6165.0	6131.0	6198.9	6334.6
7.5°	4151.5	4264.6	4468.2	4637.9	4773.6	4818.9	4807.5	4830.2	4864.1	4784.9	4807.5
10°	3359.6	3280.4	3348.3	3506.7	3631.1	3778.2	3665.0	3653.7	3687.7	3653.7	3721.6
12.5°	2805.3	2714.8	2658.3	2658.3	2748.8	2816.7	2782.7	2839.3	2963.7	2997.6	3076.8
15°	2273.7	2194.5	2149.3	2092.7	2183.2	2205.8	2239.7	2318.9	2409.4	2454.7	2545.2
17.5°	1821.2	1821.2	1821.2	1776.0	1809.9	1843.8	1855.1	1957.0	1968.3	2013.5	2047.4
20°	1493.2	1527.1	1583.7	1606.3	1640.2	1640.2	1617.6	1674.2	1628.9	1662.8	1685.5
22.5°	1346.1	1391.4	1414.0	1425.3	1470.5	1481.9	1425.3	1436.6	1447.9	1414.0	1425.3
25°	1266.9	1289.6	1266.9	1278.2	1289.6	1266.9	1278.2	1300.9	1289.6	1312.2	1300.9
27.5°	1233.0	1210.4	1199.1	1187.7	1187.7	1165.1	1176.4	1176.4	1199.1	1210.4	1210.4
30°	1233.0	1199.1	1153.8	1119.9	1119.9	1085.9	1108.6	1131.2	1142.5	1165.1	1165.1
32.5°	1266.9	1199.1	1119.9	1085.9	1052.0	1029.4	1052.0	1085.9	1131.2	1142.5	1153.8
35°	1006.8	1040.7	1029.4	984.1	972.8	972.8	961.5	961.5	927.6	927.6	916.3
37.5°	904.9	893.6	916.3	927.6	938.9	904.9	904.9	859.7	848.4	859.7	859.7
40°	848.4	848.4	848.4	882.3	893.6	871.0	837.1	814.5	814.5	814.5	825.8
42.5°	825.8	803.1	791.8	814.5	848.4	825.8	791.8	780.5	780.5	791.8	791.8
45°	791.8	780.5	769.2	757.9	803.1	769.2	757.9	746.6	746.6	746.6	757.9
47.5°	757.9	746.6	724.0	724.0	735.3	724.0	712.6	712.6	712.6	735.3	735.3
50°	735.3	724.0	701.3	701.3	701.3	701.3	690.0	690.0	690.0	701.3	712.6
52.5°	701.3	690.0	678.7	667.4	667.4	667.4	667.4	667.4	667.4	678.7	690.0
55°	667.4	656.1	644.8	644.8	656.1	656.1	644.8	656.1	644.8	656.1	667.4
57.5°	633.5	622.2	610.8	622.2	633.5	622.2	622.2	622.2	622.2	622.2	633.5
60°	588.2	588.2	588.2	588.2	610.8	610.8	610.8	610.8	588.2	599.5	610.8
62.5°	565.6	554.3	554.3	565.6	576.9	576.9	588.2	576.9	565.6	576.9	576.9
65°	520.3	520.3	520.3	531.7	531.7	543.0	543.0	543.0	531.7	543.0	543.0
67.5°	486.4	486.4	486.4	486.4	509.0	509.0	509.0	509.0	497.7	497.7	509.0
70°	429.9	441.2	429.9	452.5	475.1	463.8	475.1	475.1	463.8	452.5	475.1
72.5°	395.9	395.9	395.9	395.9	429.9	429.9	429.9	441.2	429.9	418.5	429.9
75°	350.7	350.7	350.7	362.0	384.6	384.6	384.6	384.6	384.6	373.3	373.3
77.5°	305.4	316.7	305.4	316.7	339.4	328.0	339.4	350.7	339.4	328.0	328.0
80°	260.2	260.2	260.2	271.5	282.8	282.8	282.8	294.1	282.8	271.5	271.5
82.5°	203.6	203.6	214.9	214.9	226.2	226.2	226.2	237.5	226.2	214.9	214.9
85°	158.4	158.4	158.4	169.7	169.7	181.0	181.0	192.3	192.3	181.0	181.0
87.5°	101.8	90.5	101.8	101.8	113.1	113.1	101.8	90.5	101.8	90.5	79.2
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: P598874
 CATALOG NUMBER: IFLD-L-SA8B-722-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5	8144.5
2.5°	7431.9	7635.5	7782.6	7884.4	8031.4	8314.2	8427.3	8631.0	8687.5	8721.4
5°	6391.2	6606.1	6922.9	7149.1	7409.3	7940.9	8348.2	8653.6	8789.3	8913.7
7.5°	5011.2	5294.0	5622.0	5916.1	6346.0	7002.0	7533.7	8167.2	8404.7	8529.1
10°	3913.9	4174.1	4536.1	4898.0	5497.6	6051.8	6809.7	7386.6	7714.7	7805.2
12.5°	3303.1	3608.5	4038.3	4479.5	4852.8	5486.3	6255.5	7092.5	7398.0	7454.5
15°	2805.3	3223.9	3665.0	4117.5	4547.4	5101.6	5927.4	6945.5	7398.0	7454.5
17.5°	2318.9	2692.2	3212.6	3699.0	4196.7	4954.6	5984.0	7069.9	7522.4	7692.1
20°	1843.8	2205.8	2613.0	3223.9	3902.6	4705.7	6108.4	7488.5	8088.0	8269.0
22.5°	1527.1	1685.5	2081.4	2669.6	3472.7	4536.1	6232.8	8144.5	8778.0	8845.9
25°	1334.8	1447.9	1696.8	2251.1	3133.4	4422.9	6526.9	8902.4	9716.9	9716.9
27.5°	1244.3	1289.6	1459.2	1957.0	2895.8	4321.1	6821.1	9739.5	10497.4	10655.8
30°	1221.7	1334.8	1425.3	1742.0	2635.7	4038.3	7092.5	10395.6	11176.1	11187.4
32.5°	1199.1	1176.4	1244.3	1515.8	2318.9	3744.2	7318.8	11063.0	11673.8	11707.8
35°	938.9	984.1	1097.3	1334.8	2081.4	3529.3	7431.9	11425.0	12307.3	12341.2
37.5°	882.3	938.9	1029.4	1233.0	1923.0	3348.3	7465.8	12126.3	12974.7	13042.6
40°	859.7	904.9	972.8	1142.5	1798.6	3122.1	7533.7	12850.3	13958.8	13868.3
42.5°	814.5	871.0	938.9	1097.3	1696.8	2952.4	7545.0	13246.2	14479.2	14479.2
45°	803.1	837.1	916.3	1097.3	1583.7	2805.3	7364.0	13642.1	15078.7	14897.7
47.5°	757.9	825.8	893.6	1063.3	1447.9	2658.3	7149.1	13845.7	15157.9	15101.3
50°	746.6	814.5	927.6	1006.8	1368.7	2590.4	7103.8	14354.8	15316.3	15304.9
52.5°	724.0	791.8	961.5	961.5	1266.9	2499.9	7318.8	14581.0	15350.2	15440.7
55°	690.0	791.8	893.6	882.3	1176.4	2386.8	7556.3	15169.2	15949.7	15927.1
57.5°	667.4	769.2	848.4	803.1	1074.6	2307.6	7907.0	15734.8	16673.7	16515.3
60°	633.5	769.2	757.9	746.6	995.4	2239.7	8201.1	15847.9	16832.1	16933.9
62.5°	610.8	803.1	667.4	690.0	927.6	2205.8	8076.7	14999.5	16617.1	16707.6
65°	588.2	690.0	610.8	633.5	904.9	2137.9	7590.3	13981.5	15689.6	16085.5
67.5°	543.0	565.6	565.6	588.2	882.3	1979.6	6594.8	12148.9	14275.6	14490.5
70°	497.7	509.0	509.0	543.0	859.7	1798.6	5441.0	10508.7	12386.5	12793.7
72.5°	452.5	452.5	452.5	497.7	791.8	1651.5	4479.5	8076.7	10293.8	10576.6
75°	395.9	395.9	395.9	441.2	712.6	1504.5	3529.3	6006.6	7578.9	7986.2
77.5°	350.7	350.7	339.4	395.9	622.2	1221.7	2545.2	4241.9	5339.2	5678.6
80°	294.1	282.8	282.8	316.7	486.4	882.3	1640.2	2997.6	3721.6	3868.7
82.5°	237.5	226.2	214.9	237.5	350.7	554.3	1018.1	2092.7	2386.8	2296.3
85°	226.2	237.5	192.3	181.0	248.9	362.0	644.8	1289.6	1074.6	1074.6
87.5°	90.5	79.2	79.2	67.9	124.4	135.7	282.8	237.5	181.0	181.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)