

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: P599070

Luminaire Tested: **IFLD-M-SA4E-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599070
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4E-827-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

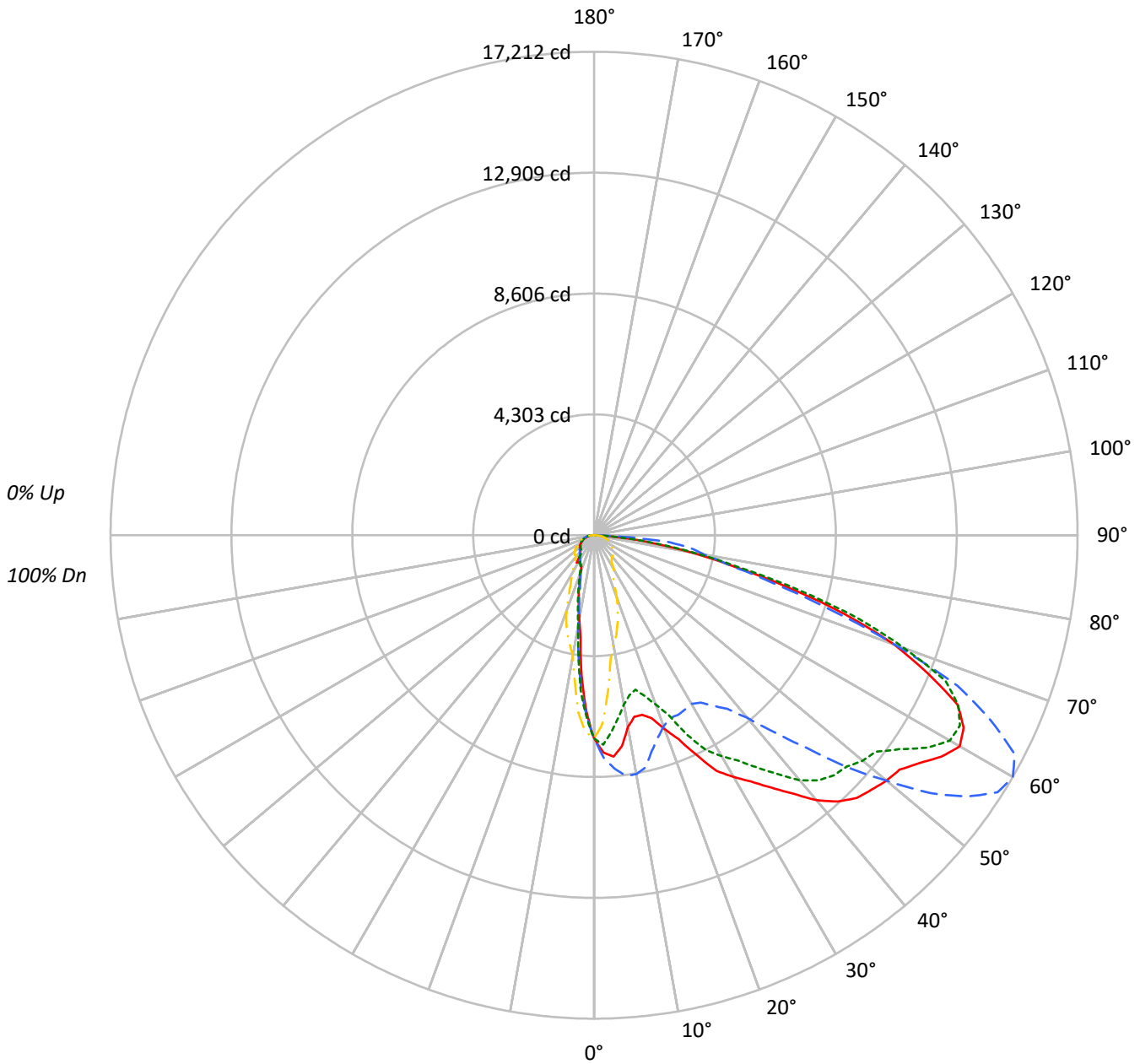
Lumens per Lamp: N/A
 Luminaire Lumens: 22638.0 lumens
 Efficiency: N/A
 Efficacy: 71.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 314.8
 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	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	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	77827	77827	77827	77827
5°	85503	75955	54470	59462
10°	75736	66844	33038	35454
15°	73747	63452	23388	24284
20°	84088	73390	15299	16909
25°	102452	93030	13358	13835
30°	123443	112834	13855	12857
35°	143967	132486	11481	10821
40°	172997	160015	10724	10159
45°	201328	183901	10854	10089
50°	227527	209028	11099	10426
55°	265346	249140	11496	10931
60°	323634	314771	11457	11457
65°	363708	364220	11764	12276
70°	357448	370090	12324	12642
75°	294855	314484	12947	13782
80°	212894	223475	14319	14939
85°	117821	126503	16117	19847

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	561.7	2.5
10°-20°	1185.9	5.2
20°-30°	1735.2	7.7
30°-40°	2444.8	10.8
40°-50°	3359.8	14.8
50°-60°	4579.1	20.2
60°-70°	5011.6	22.1
70°-80°	2893.4	12.8
80°-90°	866.5	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°	3482.8	15.4
0°-40°	5927.6	26.2
0°-60°	13866.5	61.3
0°-90°	22638.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22638.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7230	7230	7230	7230	7230	
5°	7913	7030	5041	5503	7913	719
15°	6618	5694	2099	2179	6618	1934
25°	8626	7833	1125	1165	8626	4039
35°	10956	10082	874	824	10956	6947
45°	13226	12081	713	663	13226	10165
55°	14140	13276	613	582	14140	12758
65°	14280	14300	462	482	14280	13668
75°	7090	7562	311	331	7090	7616
85°	954	1024	130	161	954	1324
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°	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4
2.5°	7742.6	7712.5	7742.6	7853.1	7883.2	7933.4	7933.4	7863.1	7732.6	7672.3	7571.9
5°	7913.3	7863.1	8114.2	8345.1	8525.9	8505.8	8335.1	8194.5	7933.4	7541.7	7170.2
7.5°	7571.9	7622.1	7802.8	8405.4	8827.2	8907.5	8636.4	8355.2	7792.8	7250.5	6748.4
10°	6929.2	6999.5	7391.1	8013.7	8676.5	8807.1	8636.4	8294.9	7622.1	6949.3	6366.8
12.5°	6617.9	6778.5	7009.5	7762.7	8234.7	8546.0	8465.6	8244.7	7491.5	6698.2	6135.8
15°	6617.9	6658.0	6999.5	7632.1	7903.3	7913.3	7943.4	7983.6	7531.7	6808.7	6055.5
17.5°	6828.7	6939.2	7230.4	7622.1	7672.3	7551.8	7551.8	7722.5	7612.0	7120.0	6346.7
20°	7340.9	7300.7	7682.3	7843.0	7571.9	7270.6	7240.5	7531.7	7702.4	7451.4	6879.0
22.5°	7853.1	8033.8	8345.1	7983.6	7481.5	7079.8	7039.6	7401.2	7973.6	8023.8	7491.5
25°	8626.3	8807.1	8967.8	8525.9	7471.5	7029.6	7059.7	7340.9	8305.0	8837.2	8515.8
27.5°	9459.8	9570.3	9801.3	9118.4	7712.5	6969.3	6999.5	7421.2	8616.3	9369.4	9319.2
30°	9931.8	10052.3	10002.1	9228.8	7873.1	7009.5	6929.2	7531.7	8445.6	9369.4	9841.4
32.5°	10393.8	10323.5	10293.3	9409.6	8074.0	7260.6	7059.7	7762.7	8546.0	9520.1	10514.3
35°	10956.1	10855.7	10775.4	9761.1	8405.4	7501.6	7411.2	8063.9	8766.9	9831.4	11056.5
37.5°	11578.7	11578.7	11187.1	10022.2	8797.0	7893.2	7792.8	8495.8	9118.4	10022.2	11799.7
40°	12311.8	12342.0	11649.0	10373.7	9238.9	8515.8	8485.7	9058.1	9459.8	10303.4	12512.7
42.5°	12854.1	12874.2	12050.7	10504.2	9751.0	9379.5	9510.0	9961.9	9851.5	10554.4	12562.9
45°	13225.7	13125.3	12331.9	10875.8	10313.4	10674.9	10715.1	10845.7	10363.6	10705.1	12763.7
47.5°	13406.4	13386.4	12452.4	11307.6	11498.4	11990.5	12221.4	12040.7	10835.6	10544.4	12763.7
50°	13587.2	13416.5	12562.9	11900.1	12653.3	13647.5	13597.2	13265.8	11488.4	10745.2	12572.9
52.5°	13707.7	13557.1	12783.8	12432.3	13757.9	14882.7	15083.5	14470.9	12251.6	11116.8	12663.3
55°	14139.5	14019.0	13446.6	13155.4	15033.3	16188.1	16218.3	15364.7	13055.0	11729.4	13255.8
57.5°	14661.7	14732.0	14360.5	14179.7	16007.4	17142.2	17031.7	16027.5	13737.8	12472.5	13938.7
60°	15033.3	15143.7	15053.4	15073.5	16489.4	17463.5	17212.5	16439.2	14239.9	13034.9	14772.2
62.5°	14832.4	15053.4	15424.9	15344.6	16509.5	17232.5	16881.1	15896.9	14300.2	13768.0	15404.8
65°	14280.1	14300.2	15023.2	15465.1	15605.7	16037.5	15575.6	14762.1	13677.6	14219.9	15314.5
67.5°	12864.2	13024.8	13677.6	14541.2	13948.7	14049.1	14009.0	12834.0	12733.6	13908.5	14621.6
70°	11357.8	11468.3	12181.3	13195.5	11779.6	11307.6	11398.0	10524.3	10936.0	12944.5	13225.7
72.5°	9389.5	9459.8	10273.2	11167.0	9449.8	8606.2	8817.1	8104.1	8686.6	11327.7	11157.0
75°	7089.8	7220.4	7853.1	8907.5	6959.3	6417.0	6627.9	6336.7	6879.0	9329.3	8656.4
77.5°	5041.2	4940.8	5724.1	6969.3	5232.0	4910.7	4930.8	4981.0	5563.4	7863.1	6216.2
80°	3434.5	3464.6	4167.5	5111.5	4107.3	4057.1	4006.9	4408.6	4669.7	6226.2	4519.0
82.5°	2038.6	2038.6	2811.8	3635.3	3243.7	3655.4	3424.4	3785.9	3655.4	4579.3	2962.5
85°	954.0	954.0	1446.1	2621.0	2510.6	3012.7	2560.8	2862.0	2701.4	3193.4	1335.6
87.5°	160.7	140.6	291.2	1285.4	1034.4	1174.9	461.9	1526.4	1697.1	2229.4	331.4
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°	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4
2.5°	7461.4	7391.1	7250.5	7069.8	6919.1	6728.3	6668.1	6537.5	6356.8	6336.7	6256.3
5°	7029.6	6788.6	6487.3	6115.7	5864.7	5603.6	5382.7	5252.1	5101.5	5081.4	5041.2
7.5°	6557.6	6256.3	5754.2	5312.4	4880.5	4468.8	4268.0	4016.9	3846.2	3715.6	3655.4
10°	6115.7	5834.6	5211.9	4609.4	4227.8	3956.7	3715.6	3454.5	3243.7	3083.0	3022.7
12.5°	5824.5	5493.1	4820.3	4247.9	3966.7	3655.4	3384.2	3103.1	2831.9	2621.0	2510.6
15°	5694.0	5382.7	4699.8	4067.1	3655.4	3223.6	2912.3	2631.1	2299.7	2149.0	2098.8
17.5°	6005.3	5543.3	4659.6	3856.2	3273.8	2781.7	2400.1	2098.8	1857.8	1707.2	1646.9
20°	6407.0	5834.6	4729.9	3605.2	2912.3	2359.9	1938.2	1616.8	1456.1	1345.7	1335.6
22.5°	6919.1	6266.4	4840.4	3424.4	2510.6	1898.0	1516.4	1325.6	1215.1	1205.1	1185.0
25°	7833.0	7049.7	5021.1	3183.4	2189.2	1566.6	1295.5	1185.0	1134.8	1104.7	1124.7
27.5°	8616.3	7561.8	5151.7	3032.8	2058.7	1476.2	1255.3	1134.8	1084.6	1074.5	1084.6
30°	9078.2	8033.8	5111.5	2751.6	1797.6	1405.9	1335.6	1295.5	1195.0	1114.7	1114.7
32.5°	9500.0	8335.1	5101.5	2500.5	1536.5	1174.9	1114.7	1084.6	1144.8	1185.0	1154.9
35°	10082.4	8807.1	5071.3	2359.9	1426.0	1084.6	984.1	903.8	863.6	843.6	873.7
37.5°	10705.1	9128.4	4991.0	2339.8	1365.7	1034.4	954.0	873.7	833.5	813.4	803.4
40°	11387.9	9469.9	4900.6	2239.4	1335.6	1004.2	923.9	853.6	803.4	773.3	763.2
42.5°	11829.8	9741.0	4810.2	2189.2	1275.4	984.1	893.8	833.5	783.3	743.1	743.1
45°	12080.9	10062.4	4719.9	2139.0	1205.1	994.2	893.8	813.4	753.2	733.1	713.0
47.5°	12191.3	10303.4	4689.7	2058.7	1144.8	954.0	873.7	793.3	733.1	692.9	682.9
50°	12482.5	10815.5	4800.2	1998.4	1074.5	913.8	923.9	783.3	723.0	672.8	662.8
52.5°	12653.3	11227.3	5041.2	1908.0	1024.3	863.6	903.8	763.2	692.9	642.7	642.7
55°	13275.9	11910.1	5302.3	1837.7	964.1	793.3	833.5	723.0	642.7	612.6	612.6
57.5°	14069.2	12633.2	5523.3	1807.6	923.9	743.1	743.1	703.0	612.6	572.4	562.4
60°	14621.6	13225.7	5653.8	1787.5	883.7	692.9	662.8	703.0	582.5	542.3	532.2
62.5°	14681.8	12884.2	5523.3	1777.5	873.7	642.7	602.5	672.8	552.3	512.2	492.1
65°	14300.2	12191.3	5161.7	1737.3	863.6	592.5	562.4	582.5	512.2	482.0	461.9
67.5°	13537.0	11066.6	4639.5	1717.2	853.6	552.3	512.2	502.1	472.0	441.9	421.8
70°	11759.5	9600.4	4027.0	1626.8	833.5	522.2	461.9	451.9	421.8	401.7	391.6
72.5°	9871.6	7853.1	3324.0	1506.3	793.3	472.0	421.8	401.7	391.6	361.5	351.5
75°	7561.8	6045.4	2661.2	1335.6	692.9	421.8	371.6	351.5	341.4	321.4	311.3
77.5°	5312.4	4498.9	1968.3	1084.6	582.5	381.6	331.4	311.3	301.3	271.1	271.1
80°	3605.2	3153.3	1335.6	753.2	451.9	311.3	291.2	271.1	251.1	231.0	231.0
82.5°	2239.4	2209.3	964.1	492.1	331.4	251.1	231.0	231.0	200.8	180.8	180.8
85°	1024.3	1355.7	672.8	341.4	251.1	190.8	190.8	180.8	160.7	130.5	130.5
87.5°	321.4	451.9	351.5	150.6	140.6	110.5	110.5	100.4	100.4	80.3	80.3
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°	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4
2.5°	6336.7	6326.6	6326.6	6286.5	6386.9	6386.9	6447.1	6396.9	6427.1	6437.1	6517.4
5°	5031.2	5111.5	5171.8	5292.3	5362.6	5392.7	5392.7	5473.0	5442.9	5503.2	5623.7
7.5°	3685.5	3785.9	3966.7	4117.3	4237.8	4278.0	4268.0	4288.1	4318.2	4247.9	4268.0
10°	2982.6	2912.3	2972.5	3113.1	3223.6	3354.1	3253.7	3243.7	3273.8	3243.7	3303.9
12.5°	2490.5	2410.1	2359.9	2359.9	2440.3	2500.5	2470.4	2520.6	2631.1	2661.2	2731.5
15°	2018.5	1948.2	1908.0	1857.8	1938.2	1958.2	1988.4	2058.7	2139.0	2179.2	2259.5
17.5°	1616.8	1616.8	1616.8	1576.6	1606.8	1636.9	1646.9	1737.3	1747.4	1787.5	1817.7
20°	1325.6	1355.7	1405.9	1426.0	1456.1	1456.1	1436.0	1486.3	1446.1	1476.2	1496.3
22.5°	1195.0	1235.2	1255.3	1265.3	1305.5	1315.5	1265.3	1275.4	1285.4	1255.3	1265.3
25°	1124.7	1144.8	1124.7	1134.8	1144.8	1124.7	1134.8	1154.9	1144.8	1164.9	1154.9
27.5°	1094.6	1074.5	1064.5	1054.4	1054.4	1034.4	1044.4	1044.4	1064.5	1074.5	1074.5
30°	1094.6	1064.5	1024.3	994.2	994.2	964.1	984.1	1004.2	1014.3	1034.4	1034.4
32.5°	1124.7	1064.5	994.2	964.1	933.9	913.8	933.9	964.1	1004.2	1014.3	1024.3
35°	893.8	923.9	913.8	873.7	863.6	863.6	853.6	853.6	823.5	823.5	813.4
37.5°	803.4	793.3	813.4	823.5	833.5	803.4	803.4	763.2	753.2	763.2	763.2
40°	753.2	753.2	753.2	783.3	793.3	773.3	743.1	723.0	723.0	723.0	733.1
42.5°	733.1	713.0	703.0	723.0	753.2	733.1	703.0	692.9	692.9	703.0	703.0
45°	703.0	692.9	682.9	672.8	713.0	682.9	672.8	662.8	662.8	662.8	672.8
47.5°	672.8	662.8	642.7	642.7	652.7	642.7	632.7	632.7	632.7	652.7	652.7
50°	652.7	642.7	622.6	622.6	622.6	622.6	612.6	612.6	612.6	622.6	632.7
52.5°	622.6	612.6	602.5	592.5	592.5	592.5	592.5	592.5	592.5	602.5	612.6
55°	592.5	582.5	572.4	572.4	582.5	582.5	572.4	582.5	572.4	582.5	592.5
57.5°	562.4	552.3	542.3	552.3	562.4	552.3	552.3	552.3	552.3	552.3	562.4
60°	522.2	522.2	522.2	522.2	542.3	542.3	542.3	542.3	522.2	532.2	542.3
62.5°	502.1	492.1	492.1	502.1	512.2	512.2	522.2	512.2	502.1	512.2	512.2
65°	461.9	461.9	461.9	472.0	472.0	482.0	482.0	482.0	472.0	482.0	482.0
67.5°	431.8	431.8	431.8	431.8	451.9	451.9	451.9	451.9	441.9	441.9	451.9
70°	381.6	391.6	381.6	401.7	421.8	411.7	421.8	421.8	411.7	401.7	421.8
72.5°	351.5	351.5	351.5	351.5	381.6	381.6	381.6	391.6	381.6	371.6	381.6
75°	311.3	311.3	311.3	321.4	341.4	341.4	341.4	341.4	341.4	331.4	331.4
77.5°	271.1	281.2	271.1	281.2	301.3	291.2	301.3	311.3	301.3	291.2	291.2
80°	231.0	231.0	231.0	241.0	251.1	251.1	251.1	261.1	251.1	241.0	241.0
82.5°	180.8	180.8	190.8	190.8	200.8	200.8	200.8	210.9	200.8	190.8	190.8
85°	140.6	140.6	140.6	150.6	150.6	160.7	160.7	170.7	170.7	160.7	160.7
87.5°	90.4	80.3	90.4	90.4	100.4	100.4	90.4	80.3	90.4	80.3	70.3
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: P599070
 CATALOG NUMBER: IFLD-M-SA4E-827-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4	7230.4
2.5°	6597.8	6778.5	6909.1	6999.5	7130.0	7381.1	7481.5	7662.3	7712.5	7742.6
5°	5673.9	5864.7	6145.9	6346.7	6577.7	7049.7	7411.2	7682.3	7802.8	7913.3
7.5°	4448.7	4699.8	4991.0	5252.1	5633.7	6216.2	6688.2	7250.5	7461.4	7571.9
10°	3474.6	3705.6	4027.0	4348.3	4880.5	5372.6	6045.4	6557.6	6848.8	6929.2
12.5°	2932.3	3203.5	3585.1	3976.7	4308.1	4870.5	5553.4	6296.5	6567.6	6617.9
15°	2490.5	2862.0	3253.7	3655.4	4037.0	4529.1	5262.2	6166.0	6567.6	6617.9
17.5°	2058.7	2390.1	2852.0	3283.8	3725.7	4398.5	5312.4	6276.4	6678.1	6828.7
20°	1636.9	1958.2	2319.8	2862.0	3464.6	4177.6	5422.8	6648.0	7180.2	7340.9
22.5°	1355.7	1496.3	1847.8	2370.0	3083.0	4027.0	5533.3	7230.4	7792.8	7853.1
25°	1185.0	1285.4	1506.3	1998.4	2781.7	3926.5	5794.4	7903.3	8626.3	8626.3
27.5°	1104.7	1144.8	1295.5	1737.3	2570.8	3836.1	6055.5	8646.4	9319.2	9459.8
30°	1084.6	1185.0	1265.3	1546.5	2339.8	3585.1	6296.5	9228.8	9921.8	9931.8
32.5°	1064.5	1044.4	1104.7	1345.7	2058.7	3324.0	6497.4	9821.3	10363.6	10393.8
35°	833.5	873.7	974.1	1185.0	1847.8	3133.2	6597.8	10142.7	10926.0	10956.1
37.5°	783.3	833.5	913.8	1094.6	1707.2	2972.5	6627.9	10765.3	11518.5	11578.7
40°	763.2	803.4	863.6	1014.3	1596.7	2771.7	6688.2	11408.0	12392.2	12311.8
42.5°	723.0	773.3	833.5	974.1	1506.3	2621.0	6698.2	11759.5	12854.1	12854.1
45°	713.0	743.1	813.4	974.1	1405.9	2490.5	6537.5	12111.0	13386.4	13225.7
47.5°	672.8	733.1	793.3	944.0	1285.4	2359.9	6346.7	12291.7	13456.6	13406.4
50°	662.8	723.0	823.5	893.8	1215.1	2299.7	6306.5	12743.6	13597.2	13587.2
52.5°	642.7	703.0	853.6	853.6	1124.7	2219.3	6497.4	12944.5	13627.4	13707.7
55°	612.6	703.0	793.3	783.3	1044.4	2118.9	6708.2	13466.7	14159.6	14139.5
57.5°	592.5	682.9	753.2	713.0	954.0	2048.6	7019.5	13968.8	14802.3	14661.7
60°	562.4	682.9	672.8	662.8	883.7	1988.4	7280.6	14069.2	14942.9	15033.3
62.5°	542.3	713.0	592.5	612.6	823.5	1958.2	7170.2	13316.1	14752.1	14832.4
65°	522.2	612.6	542.3	562.4	803.4	1898.0	6738.4	12412.3	13928.6	14280.1
67.5°	482.0	502.1	502.1	522.2	783.3	1757.4	5854.6	10785.4	12673.3	12864.2
70°	441.9	451.9	451.9	482.0	763.2	1596.7	4830.3	9329.3	10996.3	11357.8
72.5°	401.7	401.7	401.7	441.9	703.0	1466.2	3976.7	7170.2	9138.5	9389.5
75°	351.5	351.5	351.5	391.6	632.7	1335.6	3133.2	5332.4	6728.3	7089.8
77.5°	311.3	311.3	301.3	351.5	552.3	1084.6	2259.5	3765.9	4740.0	5041.2
80°	261.1	251.1	251.1	281.2	431.8	783.3	1456.1	2661.2	3303.9	3434.5
82.5°	210.9	200.8	190.8	210.9	311.3	492.1	903.8	1857.8	2118.9	2038.6
85°	200.8	210.9	170.7	160.7	220.9	321.4	572.4	1144.8	954.0	954.0
87.5°	80.3	70.3	70.3	60.3	110.5	120.5	251.1	210.9	160.7	160.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)