

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: P599214

Luminaire Tested: **IFLD-M-SA4D-735-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599214
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

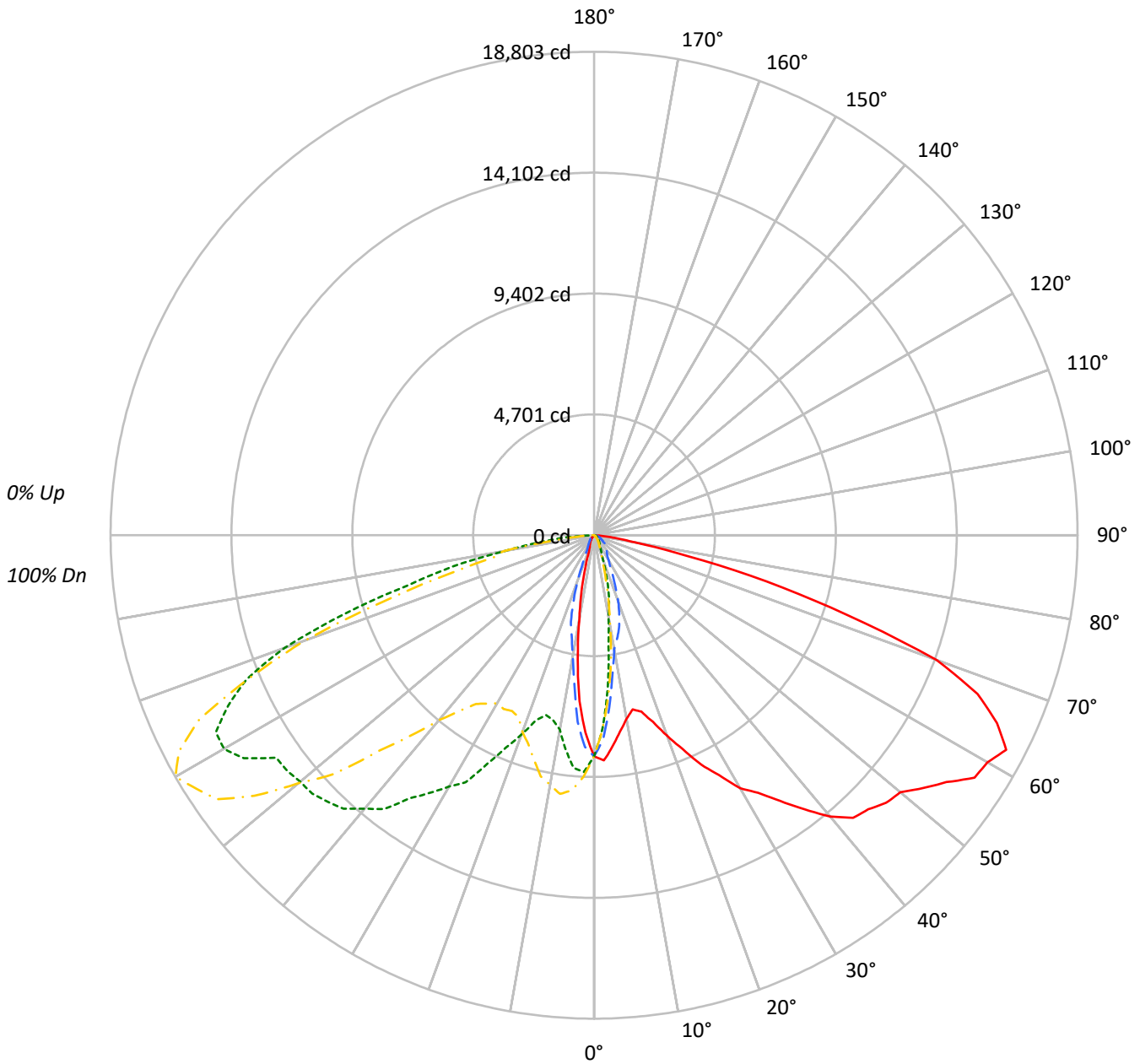
Lumens per Lamp: N/A
 Luminaire Lumens: 22475.5 lumens
 Efficiency: N/A
 Efficacy: 90.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 249.7
 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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	92488	92488	92488	92488
5°	89043	65080	70057	98144
10°	79277	35433	35896	83914
15°	79139	23633	14450	80624
20°	95021	11800	5761	94467
25°	116874	7412	4462	116298
30°	141213	5950	3389	140310
35°	165697	4778	2628	164025
40°	200599	4088	1703	195064
45°	229494	3690	922	223130
50°	260374	3552	203	249718
55°	314079	3412	0	283148
60°	380255	2870	0	357687
65°	440311	2315	0	400186
70°	445861	1907	0	403525
75°	288546	1260	0	309465
80°	98410	378	0	218981
85°	49388	0	0	160899

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	650.9	2.9
10°-20°	1260.3	5.6
20°-30°	1755.3	7.8
30°-40°	2494.1	11.1
40°-50°	3458.7	15.4
50°-60°	4712.6	21.0
60°-70°	5181.2	23.1
70°-80°	2546.5	11.3
80°-90°	415.8	1.9
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°	3666.6	16.3
0°-40°	6160.7	27.4
0°-60°	14332.0	63.8
0°-90°	22475.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22475.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8592	8592	8592	8592	8592	
5°	8241	6023	6484	9083	8241	754
15°	7102	2121	1297	7235	7102	2102
25°	9841	624	376	9792	9841	4575
35°	12610	364	200	12483	12610	8004
45°	15076	242	61	14658	15076	11687
55°	16736	182	0	15088	16736	15055
65°	17288	91	0	15712	17288	16707
75°	6938	30	0	7441	6938	7564
85°	400	0	0	1303	400	553
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°	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4
2.5°	8768.1	8871.1	8774.1	8434.8	8374.2	8210.6	7962.2	7944.0	7683.4	7713.7	7574.4
5°	8240.9	8343.9	8137.9	7689.5	7271.4	6938.1	6738.2	6380.6	6301.9	6126.1	6126.1
7.5°	7701.6	7695.6	7344.1	6968.4	6344.3	5732.3	5453.5	4938.5	4635.5	4471.9	4314.4
10°	7253.2	7156.3	6938.1	6162.5	5483.8	4847.6	4502.2	4162.9	3847.8	3575.1	3302.4
12.5°	6938.1	6998.7	6653.3	5811.1	4932.4	4490.1	4120.5	3762.9	3387.3	3078.2	2775.2
15°	7101.7	7004.8	6598.8	5732.3	4841.5	4235.6	3744.8	3308.5	2890.4	2484.4	2254.1
17.5°	7610.7	7362.3	6883.6	5732.3	4653.7	3847.8	3253.9	2738.9	2290.5	1926.9	1642.1
20°	8295.4	8010.6	7495.6	5944.4	4514.3	3563.0	2751.0	2102.6	1636.1	1296.7	1078.6
22.5°	8998.3	8774.1	7998.5	6029.2	4350.7	3181.2	2169.3	1520.9	1090.7	872.6	763.5
25°	9840.6	9525.5	8677.2	6368.5	4108.3	2811.6	1708.8	1060.4	812.0	696.8	630.2
27.5°	10513.2	10458.7	9313.4	6574.5	3926.6	2508.6	1351.3	842.3	672.6	587.8	545.4
30°	11361.5	11064.6	10089.1	6986.6	3720.5	2163.2	1127.1	757.4	618.1	527.2	496.9
32.5°	11870.5	11731.2	10495.0	7216.9	3490.3	1878.4	969.5	666.5	563.5	496.9	466.6
35°	12609.8	12331.1	11076.8	7362.3	3369.1	1714.8	872.6	605.9	472.6	406.0	369.6
37.5°	13433.9	13330.9	11773.6	7356.2	3193.4	1617.9	805.9	563.5	448.4	375.7	333.3
40°	14276.2	13858.1	12197.8	7525.9	3102.5	1545.2	757.4	539.3	424.2	357.5	303.0
42.5°	14906.4	14427.7	12688.6	7465.3	2993.4	1417.9	739.3	502.9	406.0	327.2	278.7
45°	15076.0	14906.4	13130.9	7447.1	2914.6	1314.9	709.0	496.9	393.9	309.0	260.6
47.5°	15403.2	15288.1	13676.3	7477.4	2854.0	1236.1	636.2	509.0	375.7	290.9	248.4
50°	15548.7	15342.6	14118.6	7550.1	2714.7	1139.2	569.6	533.2	369.6	284.8	236.3
52.5°	16148.5	15966.8	14724.6	7756.2	2599.5	1011.9	502.9	509.0	381.7	266.6	224.2
55°	16736.3	16530.3	15657.7	8228.8	2435.9	908.9	430.2	448.4	363.6	242.4	200.0
57.5°	17542.2	17202.9	16281.9	8422.7	2290.5	769.6	381.7	369.6	339.3	218.1	175.7
60°	17663.4	17802.8	16191.0	8301.5	2139.0	678.7	333.3	284.8	363.6	193.9	151.5
62.5°	18069.4	17487.7	15766.8	8022.8	2029.9	624.1	296.9	236.3	315.1	169.7	127.2
65°	17287.7	16857.5	14773.0	7126.0	1890.6	630.2	260.6	193.9	200.0	139.4	103.0
67.5°	16142.5	15803.2	13124.9	6150.4	1751.2	618.1	230.3	169.7	151.5	121.2	90.9
70°	14167.1	13433.9	11149.5	4993.0	1545.2	575.7	193.9	151.5	127.2	97.0	66.7
72.5°	10307.2	10010.3	7998.5	3859.9	1387.6	521.1	181.8	127.2	109.1	72.7	54.5
75°	6938.1	6447.3	5047.6	2532.9	1114.9	454.5	151.5	115.1	84.8	54.5	42.4
77.5°	3666.0	3466.0	2860.1	1205.8	618.1	212.1	84.8	66.7	48.5	42.4	24.2
80°	1587.6	1411.9	1236.1	490.8	218.1	97.0	54.5	36.4	30.3	24.2	12.1
82.5°	812.0	775.6	642.3	212.1	127.2	72.7	30.3	24.2	18.2	12.1	6.1
85°	399.9	412.0	339.3	66.7	72.7	42.4	6.1	6.1	0.0	0.0	0.0
87.5°	30.3	30.3	24.2	12.1	18.2	6.1	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4
2.5°	7519.8	7604.7	7459.2	7550.1	7507.7	7525.9	7544.1	7495.6	7507.7	7677.4	7683.4
5°	6023.1	6186.7	6126.1	6211.0	6356.4	6283.7	6350.3	6338.2	6350.3	6374.6	6483.7
7.5°	4296.2	4247.7	4362.8	4587.0	4847.6	5005.1	4926.4	4884.0	4859.7	4799.1	4871.8
10°	3241.8	3217.6	3187.3	3253.9	3423.6	3599.3	3696.3	3532.7	3441.8	3326.7	3284.2
12.5°	2690.4	2538.9	2454.1	2351.1	2399.6	2557.1	2563.2	2405.6	2260.2	2199.6	2266.3
15°	2120.8	2017.8	1866.3	1720.9	1648.2	1769.4	1666.4	1514.9	1327.0	1302.8	1296.7
17.5°	1514.9	1454.3	1345.2	1284.6	1199.8	1169.5	1060.4	830.2	696.8	660.5	672.6
20°	1030.1	981.6	975.6	921.0	884.7	860.4	684.7	533.2	490.8	496.9	502.9
22.5°	763.5	739.3	709.0	702.9	672.6	642.3	502.9	448.4	418.1	418.1	436.3
25°	624.1	612.0	581.7	569.6	557.5	515.1	424.2	381.7	369.6	357.5	375.7
27.5°	533.2	527.2	509.0	490.8	478.7	436.3	369.6	333.3	321.2	321.2	321.2
30°	478.7	478.7	454.5	418.1	418.1	369.6	315.1	290.9	278.7	278.7	272.7
32.5°	448.4	436.3	406.0	381.7	363.6	315.1	278.7	254.5	236.3	236.3	242.4
35°	363.6	363.6	357.5	339.3	315.1	266.6	236.3	212.1	200.0	193.9	200.0
37.5°	321.2	303.0	278.7	284.8	272.7	230.3	200.0	181.8	163.6	163.6	163.6
40°	290.9	272.7	248.4	230.3	224.2	206.0	175.7	145.4	127.2	121.2	121.2
42.5°	260.6	248.4	212.1	181.8	175.7	175.7	133.3	109.1	90.9	90.9	90.9
45°	242.4	224.2	193.9	157.5	127.2	133.3	109.1	78.8	66.7	60.6	60.6
47.5°	230.3	212.1	169.7	133.3	97.0	97.0	78.8	54.5	42.4	36.4	36.4
50°	212.1	193.9	151.5	109.1	72.7	60.6	48.5	30.3	18.2	12.1	12.1
52.5°	200.0	181.8	133.3	90.9	60.6	42.4	30.3	6.1	0.0	0.0	0.0
55°	181.8	157.5	115.1	72.7	48.5	24.2	6.1	0.0	0.0	0.0	0.0
57.5°	157.5	139.4	90.9	54.5	30.3	6.1	0.0	0.0	0.0	0.0	0.0
60°	133.3	115.1	72.7	42.4	12.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	109.1	97.0	54.5	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	90.9	72.7	42.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	78.8	60.6	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	60.6	42.4	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	42.4	30.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	30.3	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	18.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4
2.5°	7707.7	7889.5	8059.1	8107.6	8240.9	8610.5	8610.5	8786.3	9101.4	9216.5	9240.7
5°	6501.8	6695.7	6732.1	7107.8	7283.5	7659.2	7907.6	8501.5	8859.0	9083.2	9222.5
7.5°	4944.5	5011.2	5150.6	5502.0	5847.4	6301.9	6774.5	7531.9	8162.1	8416.6	8889.3
10°	3399.4	3599.3	3902.3	4217.4	4756.7	5259.6	5871.6	6586.7	7362.3	7677.4	8083.4
12.5°	2290.5	2569.2	3054.0	3502.4	3999.3	4508.3	5090.0	6047.4	6926.0	7362.3	7768.3
15°	1339.1	1678.5	2096.6	2823.7	3484.2	4053.8	4635.5	5605.0	6671.5	7235.0	7731.9
17.5°	678.7	781.7	1127.1	1757.3	2629.8	3563.0	4429.5	5665.6	6865.4	7556.2	7968.2
20°	509.0	539.3	636.2	933.2	1799.7	2944.9	4235.6	5756.5	7404.7	8247.0	8471.2
22.5°	442.3	466.6	509.0	605.9	1011.9	2254.1	3962.9	5980.7	8137.9	8931.7	9404.3
25°	375.7	399.9	436.3	496.9	648.4	1533.1	3629.6	6217.0	8792.3	9792.1	10234.5
27.5°	327.2	345.4	381.7	430.2	527.2	975.6	3054.0	6532.1	9792.1	10834.4	10949.5
30°	278.7	296.9	327.2	381.7	448.4	690.8	2242.0	6574.5	10343.6	11288.8	11610.0
32.5°	242.4	248.4	284.8	333.3	375.7	545.4	1575.5	6617.0	10749.5	11876.6	11943.3
35°	200.0	212.1	248.4	278.7	327.2	430.2	1193.7	6404.9	11276.7	12482.6	12464.4
37.5°	163.6	181.8	206.0	230.3	266.6	363.6	951.3	6011.0	11937.2	13421.8	12852.2
40°	127.2	145.4	169.7	200.0	224.2	327.2	715.0	5417.2	12628.0	13882.3	13276.3
42.5°	90.9	103.0	127.2	157.5	200.0	272.7	515.1	4714.3	12900.7	14421.6	13785.3
45°	66.7	78.8	97.0	133.3	206.0	218.1	357.5	4072.0	13191.5	14657.9	13670.2
47.5°	36.4	48.5	72.7	115.1	181.8	163.6	254.5	3496.3	13524.8	14870.0	13761.1
50°	12.1	18.2	42.4	121.2	145.4	127.2	200.0	3187.3	13852.0	14912.4	13942.9
52.5°	0.0	0.0	24.2	127.2	109.1	97.0	175.7	3066.1	13767.2	15045.7	13827.8
55°	0.0	0.0	6.1	54.5	60.6	72.7	145.4	3060.0	14367.1	15088.1	14458.0
57.5°	0.0	0.0	0.0	18.2	36.4	60.6	127.2	2866.1	14748.8	16142.5	15306.3
60°	0.0	0.0	0.0	6.1	24.2	42.4	97.0	2696.5	15136.6	16615.1	16215.2
62.5°	0.0	0.0	0.0	0.0	6.1	18.2	66.7	2435.9	14354.9	16578.8	17093.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	42.4	1926.9	12912.8	15712.3	16609.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	24.2	1333.1	11307.0	14621.6	15718.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	805.9	9125.6	12821.9	13330.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	345.4	6514.0	10179.9	10937.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139.4	4029.6	7441.1	8374.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54.5	2611.6	5635.3	6356.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	1393.7	3532.7	4108.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	605.9	2145.1	2472.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	193.9	1302.8	1484.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	266.6
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: P599214
 CATALOG NUMBER: IFLD-M-SA4D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4	8592.4
2.5°	9252.8	9428.6	9495.2	9392.2	9404.3	9192.3	9162.0	8865.0	8743.8	8768.1
5°	9677.0	9931.5	10070.9	9955.7	9695.2	9289.2	8919.6	8568.1	8350.0	8240.9
7.5°	9580.1	9864.9	10040.6	10149.7	9852.7	9198.3	8634.8	7974.3	7695.6	7701.6
10°	9046.8	9640.7	9998.2	9858.8	9719.4	9065.0	8192.4	7477.4	7229.0	7253.2
12.5°	8616.6	9277.1	9489.2	9598.2	9313.4	8792.3	8204.6	7386.5	7107.8	6938.1
15°	8350.0	8840.8	8852.9	9022.6	8907.5	8907.5	8331.8	7531.9	7289.6	7101.7
17.5°	8350.0	8459.1	8446.9	8507.5	8701.4	8931.7	8653.0	8119.7	7641.0	7610.7
20°	8537.8	8198.5	8119.7	8144.0	8307.6	8992.3	9361.9	8695.4	8392.4	8295.4
22.5°	8974.1	8228.8	7750.1	7665.3	8168.2	8986.2	9816.4	9604.3	9077.1	8998.3
25°	9574.0	8174.3	7653.1	7544.1	7925.8	9204.4	10440.5	10482.9	10004.2	9840.6
27.5°	10143.6	8416.6	7641.0	7616.8	8119.7	9155.9	10870.7	11185.8	10646.5	10513.2
30°	10337.5	8659.0	7865.2	7544.1	8192.4	9331.6	10858.6	11682.7	11331.3	11361.5
32.5°	10567.8	8901.4	7889.5	7762.2	8501.5	9616.4	11204.0	12482.6	12228.1	11870.5
35°	10907.1	9228.6	8119.7	8004.6	8719.6	9870.9	11276.7	13070.3	13027.9	12609.8
37.5°	11197.9	9549.8	8598.4	8616.6	9386.2	10283.0	11597.9	13791.4	13718.7	13433.9
40°	11404.0	9998.2	9343.7	9392.2	9967.9	10743.5	12167.5	14155.0	14694.3	14276.2
42.5°	11434.3	10398.1	10198.1	10585.9	11125.2	11458.5	12397.7	14403.4	15179.0	14906.4
45°	11549.4	11034.3	11591.8	11876.6	12318.9	12088.7	12385.6	14827.6	15215.4	15076.0
47.5°	11997.8	12191.7	12894.6	13761.1	13918.7	13161.2	12676.5	14894.2	15421.4	15403.2
50°	12464.4	13433.9	14421.6	14997.2	15197.2	13900.5	12949.1	14839.7	15694.1	15548.7
52.5°	12985.5	14512.5	15936.5	16645.4	16536.4	14718.5	13258.2	15282.0	16197.0	16148.5
55°	13312.7	14997.2	16912.0	17899.7	17814.9	15633.5	14239.8	15918.3	16857.5	16736.3
57.5°	14179.2	15785.0	17881.6	18342.1	18566.3	16833.3	14924.5	16960.5	17408.9	17542.2
60°	14894.2	16300.0	18136.1	18802.6	18881.4	17548.3	16124.3	18033.1	18111.8	17663.4
62.5°	15942.5	16500.0	17596.8	18196.7	18602.6	17954.3	17202.9	18608.7	18099.7	18069.4
65°	16712.1	15845.6	16590.9	16924.2	17184.7	17336.2	18287.5	19002.6	17875.5	17287.7
67.5°	16281.9	14609.4	14470.1	14488.2	14567.0	15482.0	17924.0	18039.1	16627.2	16142.5
70°	14330.7	11985.7	11797.8	11943.3	11549.4	12652.2	16451.5	16397.0	14670.0	14167.1
72.5°	11591.8	8737.8	8416.6	8616.6	8707.5	9877.0	13839.9	12434.1	10701.1	10307.2
75°	9210.4	6404.9	5405.1	5889.8	6198.9	7192.6	10810.1	8446.9	7471.4	6938.1
77.5°	7235.0	4847.6	4205.3	4011.4	4296.2	5229.3	7865.2	4435.5	3914.4	3666.0
80°	4587.0	3563.0	3866.0	3587.2	3708.4	3732.6	4096.2	2017.8	1605.8	1587.6
82.5°	2763.1	2435.9	2896.4	1593.6	2902.5	2593.5	1702.7	915.0	812.0	812.0
85°	1957.2	1508.8	999.8	648.4	1290.7	1424.0	660.5	472.6	412.0	399.9
87.5°	981.6	466.6	224.2	145.4	163.6	266.6	78.8	36.4	36.4	30.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)