

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: P599301

Luminaire Tested: **IFLD-M-SA4D-760-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: P599301
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

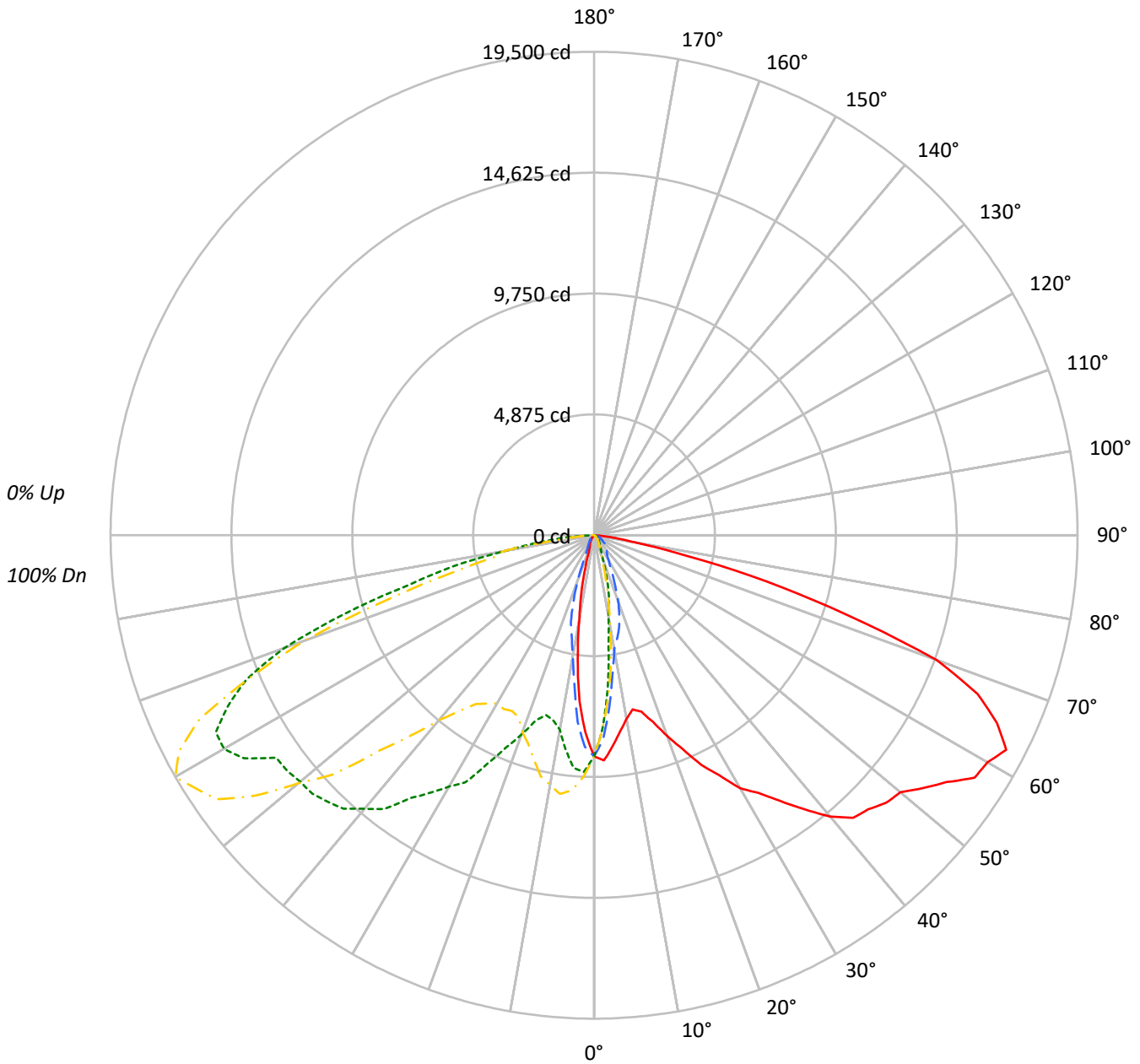
Lumens per Lamp: N/A
 Luminaire Lumens: 23309.5 lumens
 Efficiency: N/A
 Efficacy: 93.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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°	95919	95919	95919	95919
5°	92347	67495	72656	101786
10°	82220	36748	37229	87028
15°	82076	24510	14987	83616
20°	98548	12237	5975	97972
25°	121211	7688	4627	120613
30°	146455	6171	3515	145516
35°	171845	4955	2725	170112
40°	208042	4238	1766	202302
45°	238011	3827	956	231409
50°	270034	3684	211	258985
55°	325734	3537	0	293655
60°	394366	2977	0	370961
65°	456652	2402	0	415035
70°	462406	1976	0	418500
75°	299255	1306	0	320947
80°	102061	391	0	227108
85°	51229	0	0	166864

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	675.0	2.9
10°-20°	1307.1	5.6
20°-30°	1820.5	7.8
30°-40°	2586.7	11.1
40°-50°	3587.0	15.4
50°-60°	4887.5	21.0
60°-70°	5373.4	23.1
70°-80°	2641.0	11.3
80°-90°	431.3	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°	3802.6	16.3
0°-40°	6389.3	27.4
0°-60°	14863.8	63.8
0°-90°	23309.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23309.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8911	8911	8911	8911	8911	
5°	8547	6247	6724	9420	8547	782
15°	7365	2200	1345	7504	7365	2180
25°	10206	647	390	10156	10206	4745
35°	13078	377	207	12946	13078	8301
45°	15636	251	63	15202	15636	12120
55°	17357	188	0	15648	17357	15614
65°	17929	94	0	16295	17929	17327
75°	7196	31	0	7717	7196	7845
85°	415	0	0	1351	415	574
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°	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2
2.5°	9093.5	9200.3	9099.7	8747.8	8685.0	8515.3	8257.6	8238.8	7968.6	8000.0	7855.4
5°	8546.7	8653.6	8439.9	7974.8	7541.2	7195.6	6988.2	6617.4	6535.7	6353.5	6353.5
7.5°	7987.4	7981.1	7616.6	7227.0	6579.7	5945.0	5655.9	5121.7	4807.5	4637.9	4474.5
10°	7522.4	7421.8	7195.6	6391.2	5687.3	5027.5	4669.3	4317.3	3990.6	3707.8	3425.0
12.5°	7195.6	7258.4	6900.2	6026.7	5115.5	4656.7	4273.4	3902.6	3513.0	3192.5	2878.2
15°	7365.3	7264.7	6843.7	5945.0	5021.2	4392.8	3883.7	3431.3	2997.6	2576.6	2337.8
17.5°	7893.1	7635.5	7139.0	5945.0	4826.4	3990.6	3374.7	2840.5	2375.5	1998.4	1703.1
20°	8603.3	8307.9	7773.7	6164.9	4681.8	3695.2	2853.1	2180.7	1696.8	1344.9	1118.6
22.5°	9332.3	9099.7	8295.3	6252.9	4512.2	3299.3	2249.8	1577.4	1131.2	904.9	791.8
25°	10205.8	9879.0	8999.2	6604.9	4260.8	2915.9	1772.2	1099.8	842.1	722.7	653.6
27.5°	10903.3	10846.8	9659.0	6818.5	4072.3	2601.7	1401.4	873.5	697.6	609.6	565.6
30°	11783.2	11475.2	10463.4	7245.9	3858.6	2243.5	1168.9	785.5	641.0	546.7	515.3
32.5°	12311.0	12166.5	10884.5	7484.7	3619.8	1948.1	1005.5	691.3	584.4	515.3	483.9
35°	13077.7	12788.7	11487.8	7635.5	3494.1	1778.5	904.9	628.4	490.2	421.1	383.3
37.5°	13932.4	13825.6	12210.5	7629.2	3311.9	1677.9	835.8	584.4	465.0	389.6	345.6
40°	14805.9	14372.3	12650.4	7805.2	3217.6	1602.5	785.5	559.3	439.9	370.8	314.2
42.5°	15459.5	14963.0	13159.4	7742.3	3104.5	1470.5	766.7	521.6	421.1	339.4	289.1
45°	15635.5	15459.5	13618.2	7723.5	3022.8	1363.7	735.3	515.3	408.5	320.5	270.2
47.5°	15974.8	15855.4	14183.8	7754.9	2959.9	1282.0	659.9	527.9	389.6	301.6	257.7
50°	16125.6	15912.0	14642.5	7830.3	2815.4	1181.5	590.7	553.0	383.3	295.4	245.1
52.5°	16747.8	16559.3	15271.0	8044.0	2696.0	1049.5	521.6	527.9	395.9	276.5	232.5
55°	17357.4	17143.7	16238.8	8534.1	2526.3	942.7	446.2	465.0	377.1	251.4	207.4
57.5°	18193.2	17841.3	16886.1	8735.2	2375.5	798.1	395.9	383.3	351.9	226.2	182.2
60°	18318.9	18463.4	16791.8	8609.6	2218.4	703.8	345.6	295.4	377.1	201.1	157.1
62.5°	18739.9	18136.6	16351.9	8320.5	2105.3	647.3	307.9	245.1	326.8	176.0	132.0
65°	17929.3	17483.1	15321.2	7390.4	1960.7	653.6	270.2	201.1	207.4	144.5	106.8
67.5°	16741.5	16389.6	13611.9	6378.6	1816.2	641.0	238.8	176.0	157.1	125.7	94.3
70°	14692.8	13932.4	11563.2	5178.3	1602.5	597.0	201.1	157.1	132.0	100.5	69.1
72.5°	10689.7	10381.7	8295.3	4003.1	1439.1	540.5	188.5	132.0	113.1	75.4	56.6
75°	7195.6	6686.5	5234.9	2626.9	1156.3	471.3	157.1	119.4	88.0	56.6	44.0
77.5°	3802.0	3594.6	2966.2	1250.6	641.0	220.0	88.0	69.1	50.3	44.0	25.1
80°	1646.5	1464.3	1282.0	509.0	226.2	100.5	56.6	37.7	31.4	25.1	12.6
82.5°	842.1	804.4	666.1	220.0	132.0	75.4	31.4	25.1	18.9	12.6	6.3
85°	414.8	427.3	351.9	69.1	75.4	44.0	6.3	6.3	0.0	0.0	0.0
87.5°	31.4	31.4	25.1	12.6	18.9	6.3	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°	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2
2.5°	7798.9	7886.9	7736.0	7830.3	7786.3	7805.2	7824.0	7773.7	7786.3	7962.3	7968.6
5°	6246.6	6416.3	6353.5	6441.5	6592.3	6516.9	6586.0	6573.4	6586.0	6611.1	6724.3
7.5°	4455.6	4405.3	4524.7	4757.3	5027.5	5190.9	5109.2	5065.2	5040.0	4977.2	5052.6
10°	3362.1	3337.0	3305.6	3374.7	3550.7	3732.9	3833.5	3663.8	3569.5	3450.1	3406.1
12.5°	2790.3	2633.1	2545.2	2438.3	2488.6	2652.0	2658.3	2494.9	2344.1	2281.2	2350.3
15°	2199.5	2092.7	1935.6	1784.8	1709.3	1835.0	1728.2	1571.1	1376.3	1351.1	1344.9
17.5°	1571.1	1508.2	1395.1	1332.3	1244.3	1212.9	1099.8	861.0	722.7	685.0	697.6
20°	1068.3	1018.1	1011.8	955.2	917.5	892.4	710.1	553.0	509.0	515.3	521.6
22.5°	791.8	766.7	735.3	729.0	697.6	666.1	521.6	465.0	433.6	433.6	452.5
25°	647.3	634.7	603.3	590.7	578.2	534.2	439.9	395.9	383.3	370.8	389.6
27.5°	553.0	546.7	527.9	509.0	496.5	452.5	383.3	345.6	333.1	333.1	333.1
30°	496.5	496.5	471.3	433.6	433.6	383.3	326.8	301.6	289.1	289.1	282.8
32.5°	465.0	452.5	421.1	395.9	377.1	326.8	289.1	263.9	245.1	245.1	251.4
35°	377.1	377.1	370.8	351.9	326.8	276.5	245.1	220.0	207.4	201.1	207.4
37.5°	333.1	314.2	289.1	295.4	282.8	238.8	207.4	188.5	169.7	169.7	169.7
40°	301.6	282.8	257.7	238.8	232.5	213.7	182.2	150.8	132.0	125.7	125.7
42.5°	270.2	257.7	220.0	188.5	182.2	182.2	138.3	113.1	94.3	94.3	94.3
45°	251.4	232.5	201.1	163.4	132.0	138.3	113.1	81.7	69.1	62.8	62.8
47.5°	238.8	220.0	176.0	138.3	100.5	100.5	81.7	56.6	44.0	37.7	37.7
50°	220.0	201.1	157.1	113.1	75.4	62.8	50.3	31.4	18.9	12.6	12.6
52.5°	207.4	188.5	138.3	94.3	62.8	44.0	31.4	6.3	0.0	0.0	0.0
55°	188.5	163.4	119.4	75.4	50.3	25.1	6.3	0.0	0.0	0.0	0.0
57.5°	163.4	144.5	94.3	56.6	31.4	6.3	0.0	0.0	0.0	0.0	0.0
60°	138.3	119.4	75.4	44.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	113.1	100.5	56.6	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	94.3	75.4	44.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	81.7	62.8	31.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	62.8	44.0	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	44.0	31.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	31.4	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	18.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.3	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°	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2
2.5°	7993.7	8182.2	8358.2	8408.5	8546.7	8930.1	8930.1	9112.3	9439.1	9558.5	9583.6
5°	6743.1	6944.2	6981.9	7371.5	7553.8	7943.4	8201.1	8816.9	9187.7	9420.2	9564.8
7.5°	5128.0	5197.2	5341.7	5706.2	6064.4	6535.7	7025.9	7811.4	8465.0	8729.0	9219.1
10°	3525.5	3732.9	4047.1	4373.9	4933.2	5454.8	6089.5	6831.1	7635.5	7962.3	8383.3
12.5°	2375.5	2664.6	3167.3	3632.4	4147.7	4675.6	5278.9	6271.8	7183.0	7635.5	8056.5
15°	1388.8	1740.8	2174.4	2928.5	3613.5	4204.2	4807.5	5813.0	6919.1	7503.5	8018.8
17.5°	703.8	810.7	1168.9	1822.5	2727.4	3695.2	4593.9	5875.9	7120.2	7836.6	8263.9
20°	527.9	559.3	659.9	967.8	1866.5	3054.2	4392.8	5970.1	7679.5	8553.0	8785.5
22.5°	458.8	483.9	527.9	628.4	1049.5	2337.8	4110.0	6202.7	8439.9	9263.1	9753.3
25°	389.6	414.8	452.5	515.3	672.4	1589.9	3764.3	6447.7	9118.6	10155.5	10614.3
27.5°	339.4	358.2	395.9	446.2	546.7	1011.8	3167.3	6774.5	10155.5	11236.4	11355.8
30°	289.1	307.9	339.4	395.9	465.0	716.4	2325.2	6818.5	10727.4	11707.7	12040.8
32.5°	251.4	257.7	295.4	345.6	389.6	565.6	1633.9	6862.5	11148.4	12317.3	12386.5
35°	207.4	220.0	257.7	289.1	339.4	446.2	1238.0	6642.6	11695.2	12945.8	12926.9
37.5°	169.7	188.5	213.7	238.8	276.5	377.1	986.6	6234.1	12380.2	13919.8	13329.1
40°	132.0	150.8	176.0	207.4	232.5	339.4	741.6	5618.2	13096.6	14397.4	13769.0
42.5°	94.3	106.8	132.0	163.4	207.4	282.8	534.2	4889.2	13379.4	14956.8	14296.9
45°	69.1	81.7	100.5	138.3	213.7	226.2	370.8	4223.1	13681.0	15201.8	14177.5
47.5°	37.7	50.3	75.4	119.4	188.5	169.7	263.9	3626.1	14026.7	15421.8	14271.8
50°	12.6	18.9	44.0	125.7	150.8	132.0	207.4	3305.6	14366.0	15465.8	14460.3
52.5°	0.0	0.0	25.1	132.0	113.1	100.5	182.2	3179.9	14278.0	15604.0	14340.9
55°	0.0	0.0	6.3	56.6	62.8	75.4	150.8	3173.6	14900.2	15648.0	14994.5
57.5°	0.0	0.0	0.0	18.9	37.7	62.8	132.0	2972.5	15296.1	16741.5	15874.3
60°	0.0	0.0	0.0	6.3	25.1	44.0	100.5	2796.5	15698.3	17231.7	16816.9
62.5°	0.0	0.0	0.0	0.0	6.3	18.9	69.1	2526.3	14887.6	17194.0	17728.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	44.0	1998.4	13392.0	16295.3	17225.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	25.1	1382.6	11726.6	15164.1	16301.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	835.8	9464.2	13297.7	13825.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	358.2	6755.7	10557.7	11343.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.5	4179.1	7717.2	8685.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.6	2708.6	5844.4	6592.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	1445.4	3663.8	4260.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	628.4	2224.7	2564.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	201.1	1351.1	1539.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	207.4	276.5
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: P599301
 CATALOG NUMBER: IFLD-M-SA4D-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2	8911.2
2.5°	9596.2	9778.5	9847.6	9740.7	9753.3	9533.4	9501.9	9194.0	9068.3	9093.5
5°	10036.1	10300.1	10444.6	10325.2	10055.0	9633.9	9250.6	8886.1	8659.8	8546.7
7.5°	9935.6	10230.9	10413.2	10526.3	10218.4	9539.6	8955.2	8270.2	7981.1	7987.4
10°	9382.5	9998.4	10369.2	10224.6	10080.1	9401.4	8496.4	7754.9	7497.2	7522.4
12.5°	8936.3	9621.3	9841.3	9954.4	9659.0	9118.6	8509.0	7660.6	7371.5	7195.6
15°	8659.8	9168.9	9181.4	9357.4	9238.0	9238.0	8641.0	7811.4	7560.1	7365.3
17.5°	8659.8	8773.0	8760.4	8823.2	9024.3	9263.1	8974.1	8421.0	7924.6	7893.1
20°	8854.7	8502.7	8421.0	8446.2	8615.8	9326.0	9709.3	9018.0	8703.8	8603.3
22.5°	9307.1	8534.1	8037.7	7949.7	8471.3	9319.7	10180.6	9960.7	9414.0	9332.3
25°	9929.3	8477.6	7937.1	7824.0	8219.9	9545.9	10827.9	10871.9	10375.5	10205.8
27.5°	10520.0	8729.0	7924.6	7899.4	8421.0	9495.7	11274.1	11600.9	11041.6	10903.3
30°	10721.1	8980.3	8157.1	7824.0	8496.4	9677.9	11261.6	12116.2	11751.7	11783.2
32.5°	10959.9	9231.7	8182.2	8050.3	8816.9	9973.3	11619.8	12945.8	12681.8	12311.0
35°	11311.8	9571.1	8421.0	8301.6	9043.2	10237.2	11695.2	13555.3	13511.4	13077.7
37.5°	11613.5	9904.1	8917.5	8936.3	9734.5	10664.5	12028.2	14303.2	14227.8	13932.4
40°	11827.1	10369.2	9690.5	9740.7	10337.8	11142.2	12619.0	14680.2	15239.6	14805.9
42.5°	11858.6	10783.9	10576.6	10978.8	11538.1	11883.7	12857.8	14937.9	15742.3	15459.5
45°	11978.0	11443.8	12022.0	12317.3	12776.1	12537.3	12845.2	15377.8	15780.0	15635.5
47.5°	12443.0	12644.1	13373.1	14271.8	14435.2	13649.6	13146.9	15446.9	15993.7	15974.8
50°	12926.9	13932.4	14956.8	15553.8	15761.2	14416.3	13429.7	15390.4	16276.5	16125.6
52.5°	13467.4	15051.0	16527.8	17263.1	17150.0	15264.7	13750.2	15849.1	16798.1	16747.8
55°	13806.7	15553.8	17539.6	18564.0	18476.0	16213.6	14768.2	16509.0	17483.1	17357.4
57.5°	14705.4	16370.7	18545.1	19022.7	19255.3	17457.9	15478.4	17589.9	18054.9	18193.2
60°	15446.9	16904.9	18809.1	19500.3	19582.0	18199.5	16722.7	18702.2	18783.9	18318.9
62.5°	16534.1	17112.3	18249.8	18871.9	19293.0	18620.5	17841.3	19299.2	18771.4	18739.9
65°	17332.2	16433.6	17206.6	17552.2	17822.4	17979.5	18966.2	19707.7	18538.8	17929.3
67.5°	16886.1	15151.6	15007.0	15025.9	15107.6	16056.5	18589.1	18708.5	17244.3	16741.5
70°	14862.5	12430.4	12235.6	12386.5	11978.0	13121.7	17062.0	17005.5	15214.4	14692.8
72.5°	12022.0	9062.0	8729.0	8936.3	9030.6	10243.5	14353.5	12895.5	11098.2	10689.7
75°	9552.2	6642.6	5605.6	6108.4	6428.9	7459.5	11211.3	8760.4	7748.6	7195.6
77.5°	7503.5	5027.5	4361.3	4160.2	4455.6	5423.4	8157.1	4600.1	4059.7	3802.0
80°	4757.3	3695.2	4009.4	3720.3	3846.0	3871.2	4248.2	2092.7	1665.4	1646.5
82.5°	2865.7	2526.3	3003.9	1652.8	3010.2	2689.7	1765.9	948.9	842.1	842.1
85°	2029.8	1564.8	1036.9	672.4	1338.6	1476.8	685.0	490.2	427.3	414.8
87.5°	1018.1	483.9	232.5	150.8	169.7	276.5	81.7	37.7	37.7	31.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)