

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: P599367

Luminaire Tested: **IFLD-L-SA8B-830-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: P599367
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

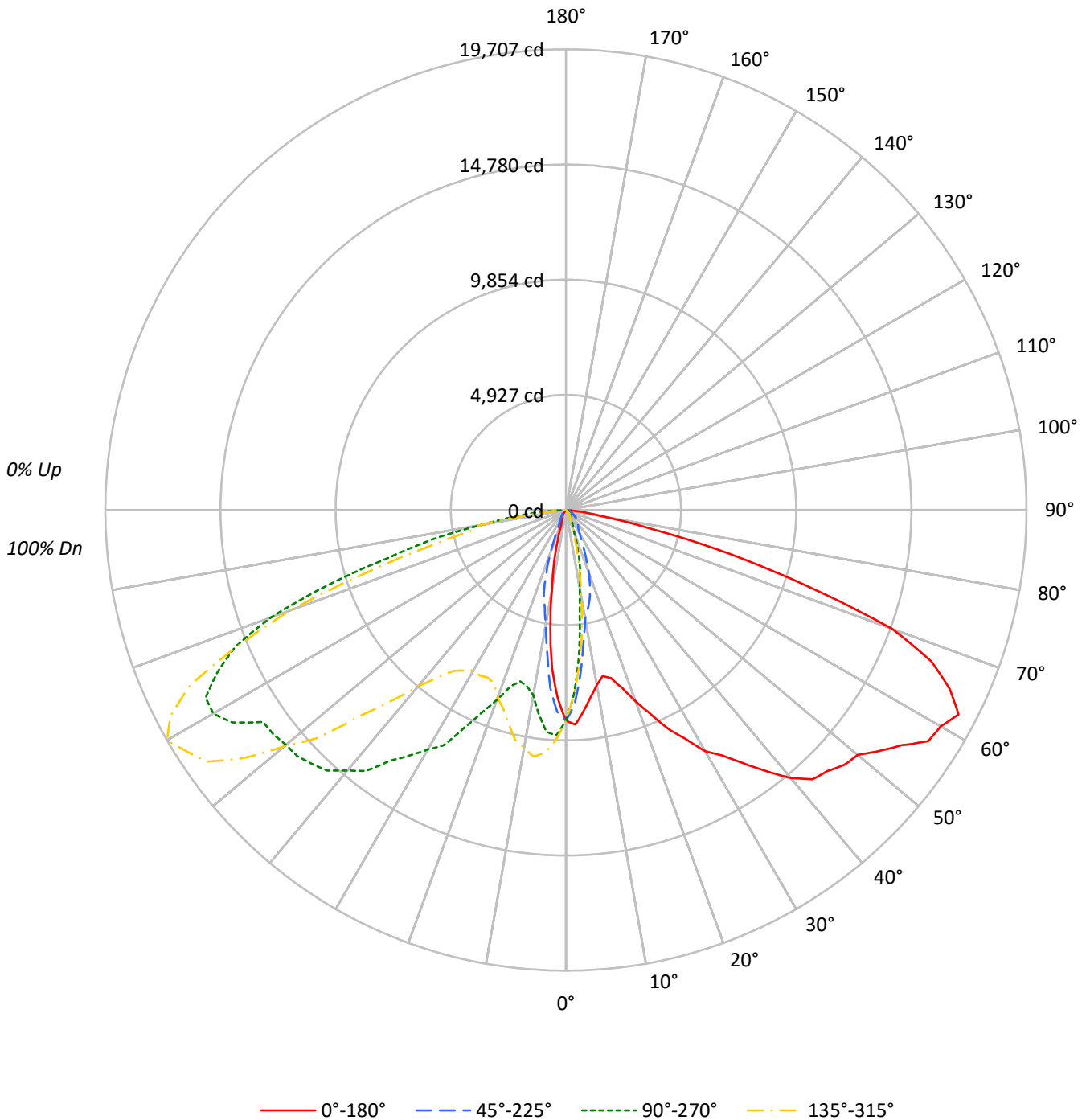
Lumens per Lamp: N/A
 Luminaire Lumens: 23556.4 lumens
 Efficiency: N/A
 Efficacy: 73.6 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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



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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°	48468	48468	48468	48468
5°	46663	34105	36713	51432
10°	41545	18568	18812	43975
15°	41472	12385	7573	42251
20°	49796	6184	3019	49505
25°	61247	3884	2339	60945
30°	74002	3118	1776	73529
35°	86833	2504	1377	85956
40°	105123	2141	892	102222
45°	120265	1933	483	116930
50°	136447	1861	106	130864
55°	164592	1787	0	148382
60°	199271	1504	0	187445
65°	230743	1214	0	209715
70°	233651	999	0	211465
75°	151212	661	0	162173
80°	51570	198	0	114756
85°	25886	0	0	84315

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	682.2	2.9
10°-20°	1320.9	5.6
20°-30°	1839.8	7.8
30°-40°	2614.1	11.1
40°-50°	3625.0	15.4
50°-60°	4939.3	21.0
60°-70°	5430.3	23.1
70°-80°	2669.0	11.3
80°-90°	435.8	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°	3842.9	16.3
0°-40°	6457.0	27.4
0°-60°	15021.2	63.8
0°-90°	23556.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23556.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9006	9006	9006	9006	9006	
5°	8637	6313	6796	9520	8637	790
15°	7443	2223	1359	7583	7443	2203
25°	10314	654	394	10263	10314	4795
35°	13216	381	210	13083	13216	8389
45°	15801	254	64	15363	15801	12249
55°	17541	190	0	15814	17541	15779
65°	18119	95	0	16468	18119	17510
75°	7272	32	0	7799	7272	7928
85°	419	0	0	1365	419	580
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°	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6
2.5°	9189.7	9297.7	9196.1	8840.4	8776.9	8605.5	8345.1	8326.0	8052.9	8084.7	7938.6
5°	8637.2	8745.2	8529.3	8059.3	7621.1	7271.8	7062.2	6687.5	6604.9	6420.8	6420.8
7.5°	8072.0	8065.6	7697.3	7303.5	6649.4	6007.9	5715.8	5176.0	4858.4	4687.0	4521.8
10°	7602.0	7500.4	7271.8	6458.9	5747.6	5080.7	4718.7	4363.1	4032.8	3747.0	3461.2
12.5°	7271.8	7335.3	6973.3	6090.5	5169.6	4706.0	4318.6	3943.9	3550.1	3226.3	2908.7
15°	7443.2	7341.6	6916.1	6007.9	5074.4	4439.3	3924.9	3467.6	3029.4	2603.9	2362.5
17.5°	7976.7	7716.3	7214.6	6007.9	4877.5	4032.8	3410.4	2870.6	2400.6	2019.6	1721.1
20°	8694.4	8395.9	7856.1	6230.2	4731.4	3734.3	2883.3	2203.8	1714.7	1359.1	1130.5
22.5°	9431.1	9196.1	8383.2	6319.1	4559.9	3334.2	2273.6	1594.1	1143.2	914.5	800.2
25°	10313.9	9983.6	9094.5	6674.8	4305.9	2946.8	1791.0	1111.4	851.0	730.4	660.5
27.5°	11018.8	10961.6	9761.3	6890.7	4115.4	2629.3	1416.2	882.8	704.9	616.0	571.6
30°	11907.9	11596.7	10574.2	7322.6	3899.4	2267.3	1181.3	793.9	647.8	552.5	520.8
32.5°	12441.4	12295.3	10999.7	7563.9	3658.1	1968.8	1016.1	698.6	590.6	520.8	489.0
35°	13216.2	12924.1	11609.4	7716.3	3531.1	1797.3	914.5	635.1	495.4	425.5	387.4
37.5°	14079.9	13972.0	12339.8	7710.0	3346.9	1695.7	844.7	590.6	470.0	393.8	349.3
40°	14962.7	14524.5	12784.4	7887.8	3251.7	1619.5	793.9	565.2	444.6	374.7	317.5
42.5°	15623.2	15121.5	13298.8	7824.3	3137.3	1486.1	774.8	527.1	425.5	342.9	292.1
45°	15801.0	15623.2	13762.4	7805.2	3054.8	1378.1	743.1	520.8	412.8	323.9	273.1
47.5°	16144.0	16023.3	14334.0	7837.0	2991.3	1295.6	666.8	533.5	393.8	304.8	260.4
50°	16296.4	16080.5	14797.6	7913.2	2845.2	1194.0	597.0	558.9	387.4	298.5	247.7
52.5°	16925.1	16734.6	15432.7	8129.1	2724.5	1060.6	527.1	533.5	400.1	279.4	235.0
55°	17541.2	17325.2	16410.7	8624.5	2553.1	952.6	450.9	470.0	381.1	254.0	209.6
57.5°	18385.8	18030.2	17064.9	8827.7	2400.6	806.6	400.1	387.4	355.7	228.6	184.2
60°	18512.9	18658.9	16969.6	8700.7	2241.9	711.3	349.3	298.5	381.1	203.2	158.8
62.5°	18938.4	18328.7	16525.0	8408.6	2127.5	654.1	311.2	247.7	330.2	177.8	133.4
65°	18119.1	17668.2	15483.5	7468.7	1981.5	660.5	273.1	203.2	209.6	146.1	108.0
67.5°	16918.8	16563.1	13756.0	6446.2	1835.4	647.8	241.3	177.8	158.8	127.0	95.3
70°	14848.4	14079.9	11685.6	5233.1	1619.5	603.3	203.2	158.8	133.4	101.6	69.9
72.5°	10802.9	10491.7	8383.2	4045.5	1454.4	546.2	190.5	133.4	114.3	76.2	57.2
75°	7271.8	6757.4	5290.3	2654.7	1168.6	476.3	158.8	120.7	88.9	57.2	44.5
77.5°	3842.3	3632.7	2997.6	1263.8	647.8	222.3	88.9	69.9	50.8	44.5	25.4
80°	1663.9	1479.8	1295.6	514.4	228.6	101.6	57.2	38.1	31.8	25.4	12.7
82.5°	851.0	812.9	673.2	222.3	133.4	76.2	31.8	25.4	19.1	12.7	6.4
85°	419.2	431.9	355.7	69.9	76.2	44.5	6.4	6.4	0.0	0.0	0.0
87.5°	31.8	31.8	25.4	12.7	19.1	6.4	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°	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6
2.5°	7881.5	7970.4	7818.0	7913.2	7868.8	7887.8	7906.9	7856.1	7868.8	8046.6	8052.9
5°	6312.8	6484.3	6420.8	6509.7	6662.1	6585.9	6655.7	6643.0	6655.7	6681.1	6795.5
7.5°	4502.8	4452.0	4572.6	4807.6	5080.7	5245.8	5163.3	5118.8	5093.4	5029.9	5106.1
10°	3397.7	3372.3	3340.6	3410.4	3588.3	3772.4	3874.0	3702.6	3607.3	3486.6	3442.2
12.5°	2819.8	2661.0	2572.1	2464.1	2515.0	2680.1	2686.4	2521.3	2368.9	2305.4	2375.2
15°	2222.8	2114.8	1956.1	1803.7	1727.4	1854.5	1746.5	1587.7	1390.8	1365.4	1359.1
17.5°	1587.7	1524.2	1409.9	1346.4	1257.5	1225.7	1111.4	870.1	730.4	692.2	704.9
20°	1079.7	1028.8	1022.5	965.3	927.2	901.8	717.7	558.9	514.4	520.8	527.1
22.5°	800.2	774.8	743.1	736.7	704.9	673.2	527.1	470.0	438.2	438.2	457.3
25°	654.1	641.4	609.7	597.0	584.3	539.8	444.6	400.1	387.4	374.7	393.8
27.5°	558.9	552.5	533.5	514.4	501.7	457.3	387.4	349.3	336.6	336.6	336.6
30°	501.7	501.7	476.3	438.2	438.2	387.4	330.2	304.8	292.1	292.1	285.8
32.5°	470.0	457.3	425.5	400.1	381.1	330.2	292.1	266.7	247.7	247.7	254.0
35°	381.1	381.1	374.7	355.7	330.2	279.4	247.7	222.3	209.6	203.2	209.6
37.5°	336.6	317.5	292.1	298.5	285.8	241.3	209.6	190.5	171.5	171.5	171.5
40°	304.8	285.8	260.4	241.3	235.0	215.9	184.2	152.4	133.4	127.0	127.0
42.5°	273.1	260.4	222.3	190.5	184.2	184.2	139.7	114.3	95.3	95.3	95.3
45°	254.0	235.0	203.2	165.1	133.4	139.7	114.3	82.6	69.9	63.5	63.5
47.5°	241.3	222.3	177.8	139.7	101.6	101.6	82.6	57.2	44.5	38.1	38.1
50°	222.3	203.2	158.8	114.3	76.2	63.5	50.8	31.8	19.1	12.7	12.7
52.5°	209.6	190.5	139.7	95.3	63.5	44.5	31.8	6.4	0.0	0.0	0.0
55°	190.5	165.1	120.7	76.2	50.8	25.4	6.4	0.0	0.0	0.0	0.0
57.5°	165.1	146.1	95.3	57.2	31.8	6.4	0.0	0.0	0.0	0.0	0.0
60°	139.7	120.7	76.2	44.5	12.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	114.3	101.6	57.2	25.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	95.3	76.2	44.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	82.6	63.5	31.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	63.5	44.5	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	44.5	31.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	31.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	19.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.4	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°	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6
2.5°	8078.3	8268.9	8446.7	8497.5	8637.2	9024.6	9024.6	9208.8	9539.0	9659.7	9685.1
5°	6814.5	7017.7	7055.8	7449.6	7633.8	8027.5	8287.9	8910.3	9285.0	9520.0	9666.1
7.5°	5182.3	5252.2	5398.3	5766.6	6128.6	6604.9	7100.3	7894.2	8554.7	8821.4	9316.8
10°	3562.9	3772.4	4090.0	4420.2	4985.5	5512.6	6154.0	6903.4	7716.3	8046.6	8472.1
12.5°	2400.6	2692.8	3200.9	3670.8	4191.6	4725.1	5334.8	6338.2	7259.1	7716.3	8141.8
15°	1403.5	1759.2	2197.4	2959.5	3651.8	4248.7	4858.4	5874.6	6992.3	7583.0	8103.7
17.5°	711.3	819.3	1181.3	1841.8	2756.3	3734.3	4642.5	5938.1	7195.6	7919.6	8351.4
20°	533.5	565.2	666.8	978.0	1886.2	3086.5	4439.3	6033.3	7760.8	8643.6	8878.6
22.5°	463.6	489.0	533.5	635.1	1060.6	2362.5	4153.5	6268.3	8529.3	9361.2	9856.6
25°	393.8	419.2	457.3	520.8	679.5	1606.8	3804.2	6516.0	9215.1	10263.0	10726.7
27.5°	342.9	362.0	400.1	450.9	552.5	1022.5	3200.9	6846.3	10263.0	11355.4	11476.1
30°	292.1	311.2	342.9	400.1	470.0	724.0	2349.8	6890.7	10841.0	11831.7	12168.3
32.5°	254.0	260.4	298.5	349.3	393.8	571.6	1651.2	6935.2	11266.5	12447.8	12517.6
35°	209.6	222.3	260.4	292.1	342.9	450.9	1251.1	6712.9	11819.0	13082.8	13063.8
37.5°	171.5	190.5	215.9	241.3	279.4	381.1	997.1	6300.1	12511.3	14067.2	13470.2
40°	133.4	152.4	177.8	209.6	235.0	342.9	749.4	5677.7	13235.3	14549.9	13914.8
42.5°	95.3	108.0	133.4	165.1	209.6	285.8	539.8	4941.0	13521.1	15115.1	14448.3
45°	69.9	82.6	101.6	139.7	215.9	228.6	374.7	4267.8	13825.9	15362.8	14327.6
47.5°	38.1	50.8	76.2	120.7	190.5	171.5	266.7	3664.5	14175.2	15585.1	14422.9
50°	12.7	19.1	44.5	127.0	152.4	133.4	209.6	3340.6	14518.1	15629.6	14613.4
52.5°	0.0	0.0	25.4	133.4	114.3	101.6	184.2	3213.6	14429.2	15769.3	14492.7
55°	0.0	0.0	6.4	57.2	63.5	76.2	152.4	3207.2	15058.0	15813.7	15153.2
57.5°	0.0	0.0	0.0	19.1	38.1	63.5	133.4	3004.0	15458.1	16918.8	16042.4
60°	0.0	0.0	0.0	6.4	25.4	44.5	101.6	2826.1	15864.5	17414.2	16995.0
62.5°	0.0	0.0	0.0	0.0	6.4	19.1	69.9	2553.1	15045.3	17376.0	17915.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	44.5	2019.6	13533.8	16467.9	17407.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	25.4	1397.2	11850.8	15324.7	16474.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	844.7	9564.4	13438.5	13972.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	362.0	6827.2	10669.5	11463.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.1	4223.3	7798.9	8776.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.2	2737.2	5906.3	6662.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7	1460.7	3702.6	4305.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	635.1	2248.2	2591.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203.2	1365.4	1556.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	209.6	279.4
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: P599367
 CATALOG NUMBER: IFLD-L-SA8B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6	9005.6
2.5°	9697.8	9882.0	9951.9	9843.9	9856.6	9634.3	9602.6	9291.4	9164.3	9189.7
5°	10142.4	10409.1	10555.2	10434.5	10161.4	9735.9	9348.5	8980.2	8751.5	8637.2
7.5°	10040.8	10339.3	10523.4	10637.7	10326.6	9640.7	9050.0	8357.8	8065.6	8072.0
10°	9481.9	10104.3	10479.0	10332.9	10186.8	9500.9	8586.4	7837.0	7576.6	7602.0
12.5°	9031.0	9723.2	9945.5	10059.8	9761.3	9215.1	8599.1	7741.7	7449.6	7271.8
15°	8751.5	9266.0	9278.7	9456.5	9335.8	9335.8	8732.5	7894.2	7640.1	7443.2
17.5°	8751.5	8865.8	8853.1	8916.7	9119.9	9361.2	9069.1	8510.2	8008.5	7976.7
20°	8948.4	8592.8	8510.2	8535.6	8707.1	9424.7	9812.1	9113.5	8796.0	8694.4
22.5°	9405.7	8624.5	8122.8	8033.9	8561.0	9418.4	10288.4	10066.2	9513.6	9431.1
25°	10034.4	8567.4	8021.2	7906.9	8307.0	9647.0	10942.6	10987.0	10485.3	10313.9
27.5°	10631.4	8821.4	8008.5	7983.1	8510.2	9596.2	11393.5	11723.8	11158.5	11018.8
30°	10834.6	9075.4	8243.5	7906.9	8586.4	9780.4	11380.8	12244.5	11876.2	11907.9
32.5°	11076.0	9329.5	8268.9	8135.5	8910.3	10078.9	11742.8	13082.8	12816.1	12441.4
35°	11431.6	9672.4	8510.2	8389.5	9138.9	10345.6	11819.0	13698.9	13654.4	13216.2
37.5°	11736.5	10009.0	9011.9	9031.0	9837.5	10777.5	12155.6	14454.6	14378.4	14079.9
40°	11952.4	10479.0	9793.1	9843.9	10447.2	11260.1	12752.6	14835.7	15400.9	14962.7
42.5°	11984.1	10898.1	10688.6	11095.0	11660.2	12009.5	12993.9	15096.1	15909.0	15623.2
45°	12104.8	11565.0	12149.3	12447.8	12911.4	12670.0	12981.2	15540.6	15947.1	15801.0
47.5°	12574.8	12778.0	13514.7	14422.9	14588.0	13794.1	13286.1	15610.5	16163.0	16144.0
50°	13063.8	14079.9	15115.1	15718.5	15928.0	14569.0	13571.9	15553.3	16448.8	16296.4
52.5°	13610.0	15210.4	16702.9	17445.9	17331.6	15426.3	13895.8	16017.0	16975.9	16925.1
55°	13952.9	15718.5	17725.3	18760.5	18671.6	16385.3	14924.6	16683.8	17668.2	17541.2
57.5°	14861.1	16544.1	18741.5	19224.2	19459.1	17642.8	15642.3	17776.2	18246.1	18385.8
60°	15610.5	17083.9	19008.2	19706.8	19789.4	18392.2	16899.7	18900.3	18982.8	18512.9
62.5°	16709.2	17293.5	18443.0	19071.7	19497.2	18817.7	18030.2	19503.6	18970.1	18938.4
65°	17515.8	16607.6	17388.7	17738.0	18011.1	18169.9	19167.0	19916.4	18735.1	18119.1
67.5°	17064.9	15312.0	15165.9	15185.0	15267.6	16226.5	18785.9	18906.6	17426.9	16918.8
70°	15019.9	12562.1	12365.2	12517.6	12104.8	13260.7	17242.7	17185.5	15375.5	14848.4
72.5°	12149.3	9158.0	8821.4	9031.0	9126.2	10352.0	14505.4	13032.0	11215.7	10802.9
75°	9653.4	6712.9	5665.0	6173.1	6497.0	7538.5	11330.0	8853.1	7830.7	7271.8
77.5°	7583.0	5080.7	4407.5	4204.3	4502.8	5480.8	8243.5	4648.9	4102.7	3842.3
80°	4807.6	3734.3	4051.9	3759.7	3886.7	3912.2	4293.2	2114.8	1683.0	1663.9
82.5°	2896.0	2553.1	3035.7	1670.3	3042.1	2718.2	1784.6	959.0	851.0	851.0
85°	2051.3	1581.4	1047.9	679.5	1352.7	1492.5	692.2	495.4	431.9	419.2
87.5°	1028.8	489.0	235.0	152.4	171.5	279.4	82.6	38.1	38.1	31.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)