

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: P598823

Luminaire Tested: **IFLD-S-SA2E-830-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598823
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-830-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

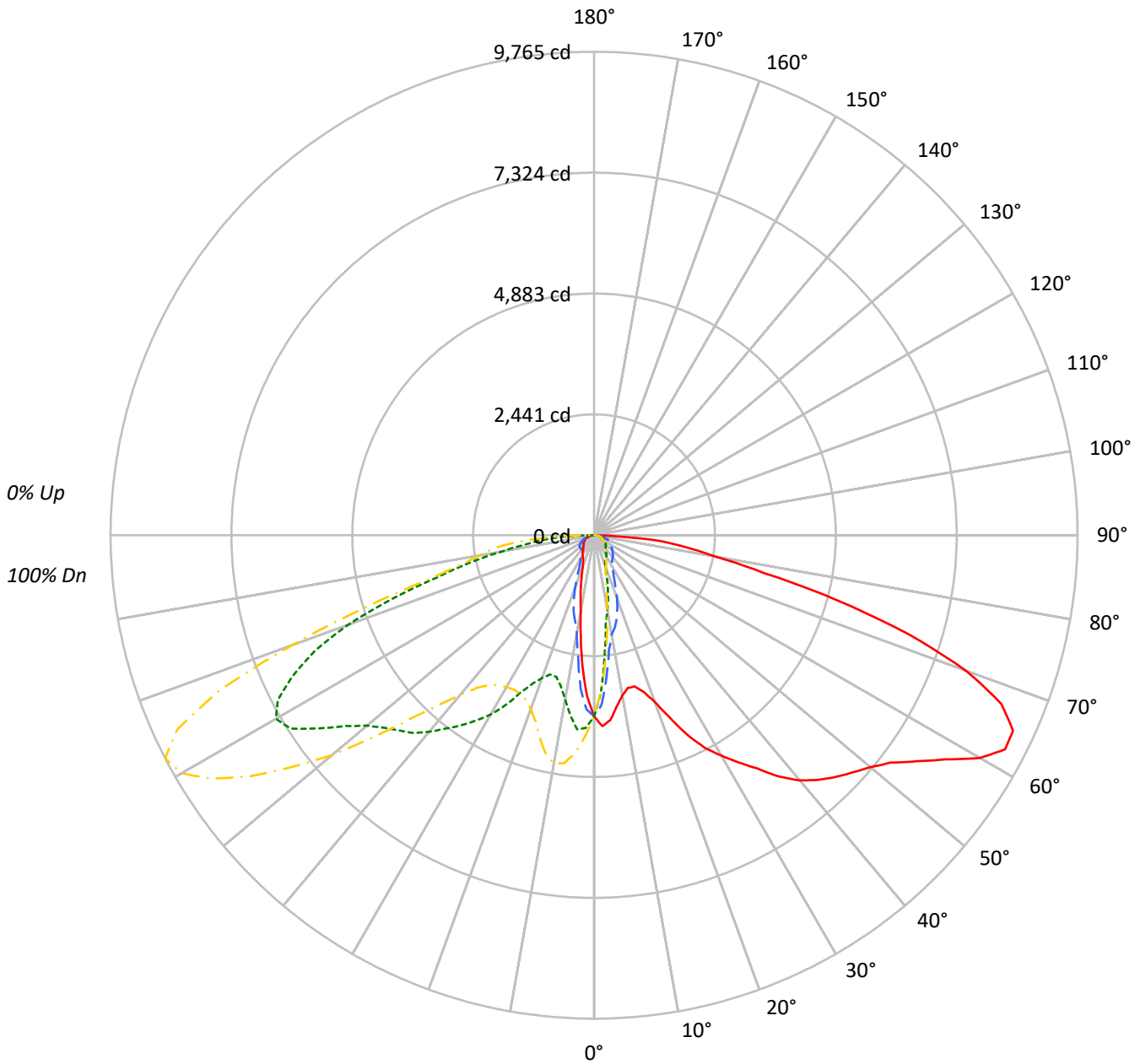
Lumens per Lamp: N/A
 Luminaire Lumens: 12232.8 lumens
 Efficiency: N/A
 Efficacy: 78.3 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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	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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77													
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59													
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46													
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36													
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30													
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25													
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21													
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18													
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16													
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14													

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	78667	78667	78667	78667
5°	80958	52644	57511	85049
10°	71825	33450	33787	73502
15°	70490	23725	22470	65928
20°	81956	15008	15125	70231
25°	105398	12886	12520	83030
30°	127729	12213	11450	103940
35°	151179	10759	10357	123204
40°	181652	10212	9493	145552
45°	210192	10129	9194	169682
50°	244082	10285	9257	200372
55°	298696	10565	9413	255286
60°	387380	10579	9916	319292
65°	475517	10687	10167	341776
70°	503174	11273	10631	332768
75°	423563	11919	10638	271590
80°	307728	13959	10786	234757
85°	326144	20230	8843	243991

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.8	2.3
10°-20°	591.9	4.8
20°-30°	852.9	7.0
30°-40°	1227.9	10.0
40°-50°	1744.1	14.3
50°-60°	2507.6	20.5
60°-70°	2897.1	23.7
70°-80°	1640.4	13.4
80°-90°	488.2	4.0
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°	1727.6	14.1
0°-40°	2955.5	24.2
0°-60°	7207.2	58.9
0°-90°	12232.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12232.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3654	3654	3654	3654	3654	
5°	3746	2436	2661	3936	3746	340
15°	3163	1064	1008	2958	3163	930
25°	4437	542	527	3496	4437	2060
35°	5752	409	394	4688	5752	3651
45°	6904	333	302	5573	6904	5346
55°	7958	282	251	6802	7958	7207
65°	9335	210	200	6710	9335	8952
75°	5092	143	128	3265	5092	5403
85°	1320	82	36	988	1320	1315
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°	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2
2.5°	3858.9	3853.8	3823.1	3725.8	3623.5	3526.2	3434.1	3336.9	3285.7	3224.3	3198.7
5°	3746.3	3736.1	3649.0	3434.1	3244.7	3040.0	2866.0	2727.8	2615.2	2502.6	2461.7
7.5°	3490.4	3475.0	3372.7	3075.8	2799.5	2533.3	2323.5	2144.4	1996.0	1929.4	1852.7
10°	3285.7	3260.1	3127.0	2799.5	2441.2	2175.1	2036.9	1914.1	1786.1	1678.7	1566.1
12.5°	3157.7	3127.0	2988.8	2605.0	2257.0	2057.4	1914.1	1775.9	1617.2	1484.2	1361.4
15°	3162.8	3127.0	2958.1	2553.8	2210.9	1955.0	1755.4	1566.1	1381.8	1233.4	1095.2
17.5°	3311.3	3265.2	3086.1	2625.5	2175.1	1822.0	1555.8	1310.2	1100.3	941.7	829.1
20°	3577.4	3546.7	3342.0	2732.9	2139.3	1678.7	1351.1	1054.3	834.2	711.4	665.3
22.5°	3976.6	3940.8	3720.7	2896.7	2129.0	1550.7	1131.1	829.1	670.4	619.3	593.7
25°	4437.2	4370.7	4166.0	3173.1	2149.5	1433.0	951.9	685.8	598.8	563.0	547.6
27.5°	4836.4	4795.5	4565.1	3434.1	2159.7	1340.9	829.1	624.4	557.8	527.1	516.9
30°	5138.3	5123.0	4897.8	3720.7	2134.2	1228.3	752.3	598.8	557.8	527.1	496.4
32.5°	5440.3	5445.4	5204.9	3940.8	2098.3	1131.1	680.7	532.3	491.3	470.8	476.0
35°	5752.5	5778.1	5573.4	4155.7	2021.6	1095.2	629.5	496.4	460.6	429.9	414.5
37.5°	6146.6	6213.1	6013.5	4396.3	1944.8	1064.5	603.9	470.8	435.0	409.4	389.0
40°	6463.9	6586.7	6469.0	4621.4	1893.6	1028.7	583.4	445.3	419.7	389.0	373.6
42.5°	6699.3	6842.6	6801.7	4795.5	1893.6	992.9	563.0	429.9	409.4	373.6	353.1
45°	6904.0	7052.4	7047.3	4974.6	1934.6	972.4	537.4	429.9	399.2	363.4	342.9
47.5°	7088.3	7236.7	7287.9	5199.8	2001.1	962.2	506.7	419.7	399.2	358.3	327.5
50°	7287.9	7451.6	7605.2	5558.0	2083.0	936.6	486.2	404.3	404.3	353.1	317.3
52.5°	7543.8	7728.0	8009.5	6003.3	2164.9	890.5	455.5	394.1	404.3	348.0	307.1
55°	7958.3	8111.8	8480.3	6535.5	2267.2	834.2	429.9	368.5	383.8	332.7	291.7
57.5°	8424.0	8557.1	8864.2	6945.0	2297.9	762.6	394.1	342.9	368.5	317.3	271.2
60°	8997.2	9063.8	9063.8	7062.7	2195.6	696.0	368.5	322.4	332.7	302.0	255.9
62.5°	9360.6	9360.6	9063.8	6847.7	2001.1	639.7	348.0	302.0	291.7	281.5	240.5
65°	9335.0	9294.1	8853.9	6223.3	1775.9	603.9	327.5	276.4	261.0	255.9	225.2
67.5°	8905.1	8833.5	8234.7	5343.1	1540.5	588.6	307.1	250.8	240.5	230.3	204.7
70°	7994.1	7809.9	7072.9	4299.0	1310.2	578.3	302.0	230.3	220.1	209.8	189.4
72.5°	6673.7	6438.3	5522.2	3306.1	1100.3	542.5	286.6	204.7	199.6	189.4	168.9
75°	5092.3	4657.3	3853.8	2528.2	854.7	470.8	245.7	179.1	179.1	174.0	153.5
77.5°	3510.9	3285.7	2686.9	1868.0	624.4	363.4	199.6	158.7	158.7	163.8	143.3
80°	2482.2	2272.3	1914.1	1340.9	394.1	245.7	153.5	133.1	148.4	158.7	133.1
82.5°	1898.7	1745.2	1422.8	977.5	230.3	168.9	117.7	107.5	127.9	138.2	112.6
85°	1320.4	1136.2	721.6	655.1	133.1	102.4	87.0	87.0	112.6	138.2	102.4
87.5°	373.6	158.7	46.1	194.5	56.3	40.9	30.7	20.5	30.7	30.7	20.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2
2.5°	3173.1	3142.4	3142.4	3132.1	3137.3	3142.4	3137.3	3173.1	3188.4	3208.9	3249.9
5°	2436.1	2477.1	2446.3	2477.1	2518.0	2579.4	2594.8	2640.8	2645.9	2681.8	2661.3
7.5°	1806.6	1801.5	1775.9	1811.7	1924.3	2011.3	2052.3	2077.9	2083.0	2083.0	2057.4
10°	1530.2	1484.2	1438.1	1412.5	1422.8	1514.9	1545.6	1561.0	1550.7	1566.1	1545.6
12.5°	1310.2	1269.2	1202.7	1156.6	1125.9	1151.5	1182.2	1197.6	1207.8	1233.4	1253.9
15°	1064.5	1023.6	982.6	957.0	931.5	911.0	936.6	951.9	977.5	998.0	1008.2
17.5°	808.6	788.2	767.7	783.0	783.0	772.8	783.0	788.2	798.4	813.7	808.6
20°	655.1	650.0	644.9	670.4	690.9	690.9	701.1	685.8	680.7	665.3	660.2
22.5°	583.4	583.4	588.6	609.0	629.5	639.7	639.7	614.1	588.6	578.3	583.4
25°	542.5	542.5	557.8	563.0	573.2	573.2	578.3	552.7	537.4	522.0	527.1
27.5°	511.8	511.8	516.9	516.9	522.0	522.0	527.1	516.9	496.4	491.3	491.3
30°	491.3	491.3	486.2	486.2	486.2	486.2	491.3	476.0	465.7	460.6	460.6
32.5°	470.8	465.7	460.6	460.6	455.5	455.5	460.6	445.3	440.1	440.1	440.1
35°	409.4	404.3	409.4	419.7	419.7	424.8	424.8	419.7	409.4	399.2	394.1
37.5°	383.8	378.7	378.7	378.7	389.0	394.1	399.2	389.0	373.6	358.3	358.3
40°	363.4	363.4	358.3	358.3	358.3	368.5	378.7	363.4	342.9	337.8	337.8
42.5°	348.0	342.9	337.8	332.7	327.5	342.9	353.1	332.7	322.4	322.4	322.4
45°	332.7	327.5	322.4	317.3	312.2	317.3	327.5	307.1	302.0	302.0	302.0
47.5°	317.3	312.2	302.0	296.8	291.7	291.7	302.0	286.6	281.5	286.6	286.6
50°	307.1	296.8	286.6	281.5	276.4	276.4	276.4	271.2	271.2	271.2	276.4
52.5°	296.8	286.6	271.2	266.1	261.0	261.0	261.0	261.0	255.9	261.0	266.1
55°	281.5	271.2	261.0	255.9	250.8	245.7	250.8	245.7	245.7	250.8	250.8
57.5°	261.0	250.8	240.5	240.5	235.4	235.4	240.5	235.4	235.4	240.5	240.5
60°	245.7	235.4	225.2	225.2	220.1	225.2	230.3	225.2	225.2	225.2	230.3
62.5°	225.2	220.1	209.8	209.8	209.8	209.8	215.0	209.8	215.0	215.0	215.0
65°	209.8	199.6	194.5	194.5	194.5	194.5	204.7	194.5	199.6	199.6	199.6
67.5°	194.5	184.2	179.1	179.1	179.1	179.1	189.4	179.1	184.2	189.4	184.2
70°	179.1	168.9	163.8	163.8	163.8	163.8	168.9	163.8	163.8	168.9	168.9
72.5°	158.7	153.5	148.4	148.4	143.3	148.4	153.5	148.4	148.4	148.4	148.4
75°	143.3	138.2	138.2	133.1	133.1	133.1	138.2	127.9	127.9	127.9	127.9
77.5°	133.1	122.8	122.8	122.8	117.7	122.8	117.7	107.5	107.5	107.5	107.5
80°	112.6	102.4	107.5	107.5	102.4	102.4	97.2	87.0	87.0	87.0	87.0
82.5°	92.1	81.9	87.0	87.0	87.0	87.0	76.8	71.7	66.5	61.4	61.4
85°	81.9	66.5	76.8	76.8	71.7	71.7	51.2	51.2	40.9	40.9	35.8
87.5°	15.4	10.2	20.5	25.6	25.6	30.7	20.5	25.6	15.4	10.2	10.2
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°	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2
2.5°	3244.7	3301.0	3377.8	3434.1	3521.1	3587.6	3690.0	3777.0	3858.9	3894.7	3930.5
5°	2722.7	2758.5	2876.2	2968.4	3106.6	3255.0	3439.2	3638.8	3843.5	3935.6	4043.1
7.5°	2036.9	2103.4	2170.0	2303.0	2471.9	2712.5	2947.9	3244.7	3531.3	3669.5	3853.8
10°	1581.4	1632.6	1709.4	1847.6	2006.2	2205.8	2487.3	2840.4	3183.3	3362.4	3551.8
12.5°	1269.2	1340.9	1443.2	1586.5	1770.8	1975.5	2180.2	2507.8	2907.0	3111.7	3326.6
15°	1028.7	1085.0	1197.6	1376.7	1591.7	1801.5	2016.4	2287.7	2722.7	2958.1	3214.0
17.5°	818.9	859.8	962.2	1141.3	1356.2	1591.7	1837.3	2180.2	2661.3	2947.9	3249.9
20°	665.3	696.0	762.6	895.6	1100.3	1356.2	1663.3	2077.9	2697.1	3065.6	3434.1
22.5°	583.4	593.7	624.4	696.0	864.9	1136.2	1504.7	1990.9	2763.7	3239.6	3736.1
25°	527.1	537.4	547.6	593.7	690.9	946.8	1366.5	1939.7	2907.0	3495.5	4084.1
27.5°	491.3	501.6	506.7	527.1	593.7	808.6	1248.8	1909.0	3101.4	3869.1	4514.0
30°	460.6	460.6	476.0	506.7	552.7	711.4	1146.4	1837.3	3306.1	4181.3	4851.7
32.5°	435.0	440.1	460.6	476.0	506.7	629.5	1044.0	1745.2	3490.4	4437.2	5184.4
35°	389.0	389.0	394.1	419.7	460.6	563.0	951.9	1653.1	3592.8	4688.0	5481.2
37.5°	358.3	363.4	373.6	394.1	429.9	516.9	875.2	1550.7	3700.2	4923.4	5829.3
40°	337.8	342.9	353.1	373.6	409.4	476.0	808.6	1468.8	3812.8	5179.3	6202.9
42.5°	322.4	327.5	337.8	358.3	389.0	465.7	737.0	1402.3	3879.4	5414.7	6556.0
45°	307.1	312.2	327.5	348.0	373.6	455.5	696.0	1356.2	3904.9	5573.4	6837.5
47.5°	291.7	296.8	312.2	342.9	373.6	440.1	680.7	1330.6	3925.4	5752.5	7062.7
50°	276.4	286.6	307.1	337.8	378.7	419.7	670.4	1325.5	4043.1	5982.8	7277.6
52.5°	266.1	281.5	302.0	337.8	373.6	389.0	665.3	1340.9	4278.5	6325.7	7584.7
55°	255.9	271.2	291.7	337.8	358.3	363.4	639.7	1366.5	4636.8	6801.7	8019.7
57.5°	245.7	255.9	281.5	327.5	337.8	342.9	588.6	1402.3	4995.0	7267.4	8465.0
60°	230.3	240.5	266.1	327.5	307.1	322.4	522.0	1412.5	5250.9	7415.8	8505.9
62.5°	215.0	225.2	250.8	337.8	281.5	302.0	465.7	1376.7	5302.1	7200.9	8275.6
65°	199.6	209.8	230.3	281.5	261.0	281.5	429.9	1279.5	5133.2	6709.5	7855.9
67.5°	184.2	194.5	209.8	230.3	235.4	255.9	414.5	1125.9	4708.4	6100.5	7282.7
70°	163.8	174.0	189.4	204.7	209.8	240.5	389.0	977.5	4022.7	5286.8	6581.6
72.5°	148.4	153.5	168.9	179.1	189.4	220.1	373.6	854.7	3075.8	4278.5	5368.7
75°	127.9	127.9	143.3	153.5	163.8	194.5	342.9	711.4	2170.0	3265.2	3945.9
77.5°	107.5	107.5	117.7	127.9	138.2	168.9	291.7	578.3	1504.7	2589.6	2860.9
80°	81.9	81.9	92.1	102.4	112.6	143.3	235.4	424.8	931.5	1893.6	2083.0
82.5°	56.3	56.3	71.7	76.8	81.9	112.6	179.1	291.7	547.6	1366.5	1489.3
85°	30.7	30.7	40.9	46.1	56.3	81.9	133.1	204.7	327.5	987.8	992.9
87.5°	5.1	5.1	15.4	15.4	25.6	40.9	76.8	112.6	184.2	547.6	348.0
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: P598823
 CATALOG NUMBER: IFLD-S-SA2E-830-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2	3654.2
2.5°	3997.1	4053.4	4058.5	4058.5	4032.9	4038.0	3966.4	3889.6	3864.0	3858.9
5°	4206.9	4355.3	4396.3	4416.7	4350.2	4247.8	4063.6	3864.0	3761.6	3746.3
7.5°	4166.0	4462.8	4621.4	4641.9	4508.9	4268.3	3945.9	3638.8	3521.1	3490.4
10°	3925.4	4324.6	4611.2	4682.9	4539.6	4232.5	3812.8	3454.6	3311.3	3285.7
12.5°	3756.5	4140.4	4421.8	4519.1	4452.6	4186.4	3746.3	3336.9	3193.6	3157.7
15°	3664.4	4017.5	4201.8	4232.5	4227.4	4114.8	3746.3	3362.4	3203.8	3162.8
17.5°	3741.2	3981.7	4007.3	3935.6	3976.6	4032.9	3828.2	3500.6	3347.1	3311.3
20°	3894.7	3966.4	3843.5	3736.1	3756.5	3935.6	3956.1	3761.6	3638.8	3577.4
22.5°	4217.1	4022.7	3741.2	3592.8	3608.1	3858.9	4125.0	4114.8	4007.3	3976.6
25°	4544.7	4181.3	3710.5	3536.5	3556.9	3843.5	4324.6	4508.9	4452.6	4437.2
27.5°	4908.0	4447.4	3730.9	3510.9	3536.5	3864.0	4462.8	4841.5	4851.7	4836.4
30°	5153.7	4575.4	3792.3	3541.6	3577.4	3915.2	4493.5	5041.1	5133.2	5138.3
32.5°	5358.4	4703.3	3920.3	3592.8	3654.2	4007.3	4575.4	5230.5	5435.2	5440.3
35°	5522.2	4846.6	4078.9	3684.9	3777.0	4160.8	4682.9	5409.6	5716.7	5752.5
37.5°	5732.0	5005.3	4263.2	3884.5	3986.8	4380.9	4872.2	5619.4	6049.3	6146.6
40°	5957.2	5163.9	4529.3	4206.9	4355.3	4708.4	5087.2	5854.9	6330.8	6463.9
42.5°	6208.0	5332.8	4831.3	4641.9	4867.1	5123.0	5332.8	6069.8	6545.8	6699.3
45°	6453.6	5537.5	5271.4	5235.6	5486.4	5614.3	5573.4	6223.3	6750.5	6904.0
47.5°	6627.7	5834.4	5803.7	6018.6	6254.0	6187.5	5854.9	6335.9	6919.4	7088.3
50°	6786.3	6202.9	6474.1	6893.8	7037.1	6811.9	6156.8	6489.5	7098.5	7287.9
52.5°	7021.7	6596.9	7165.0	7687.1	7825.2	7467.0	6484.4	6740.2	7374.9	7543.8
55°	7502.8	7042.2	7886.7	8485.4	8511.0	8065.8	6924.5	7165.0	7763.8	7958.3
57.5°	8040.2	7589.8	8459.9	9145.6	9135.4	8664.6	7420.9	7738.2	8291.0	8424.0
60°	8526.4	8142.5	9084.2	9616.5	9590.9	9099.6	7999.2	8388.2	8894.9	8997.2
62.5°	8813.0	8644.1	9360.6	9764.9	9667.7	9242.9	8490.6	8966.5	9324.8	9360.6
65°	8766.9	8930.7	9038.2	9288.9	9150.8	8843.7	8731.1	9335.0	9370.8	9335.0
67.5°	8418.9	8766.9	8152.8	8178.4	8106.7	7845.7	8357.5	9237.8	8992.1	8905.1
70°	7891.8	7917.4	6817.0	6494.6	6607.2	6248.9	7170.1	8480.3	8101.6	7994.1
72.5°	7016.6	6699.3	5153.7	4826.2	4995.0	4739.2	5752.5	7390.2	7021.7	6673.7
75°	5885.6	5307.2	3925.4	3459.7	3546.7	3536.5	4457.7	6105.6	5440.3	5092.3
77.5°	4560.0	4135.2	2896.7	2717.6	2625.5	2645.9	3111.7	4539.6	3945.9	3510.9
80°	3331.7	2891.6	2241.6	2344.0	2292.8	2170.0	2180.2	3040.0	2743.2	2482.2
82.5°	2303.0	2057.4	1816.8	2052.3	1929.4	1740.1	1699.1	2190.5	2057.4	1898.7
85°	1545.6	1694.0	1443.2	1571.2	1361.4	1253.9	1596.8	1832.2	1479.1	1320.4
87.5°	1008.2	1550.7	1038.9	788.2	450.4	603.9	977.5	1202.7	690.9	373.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)