

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: P598625

Luminaire Tested: **IFLD-S-SA3E-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598625
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3E-727-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

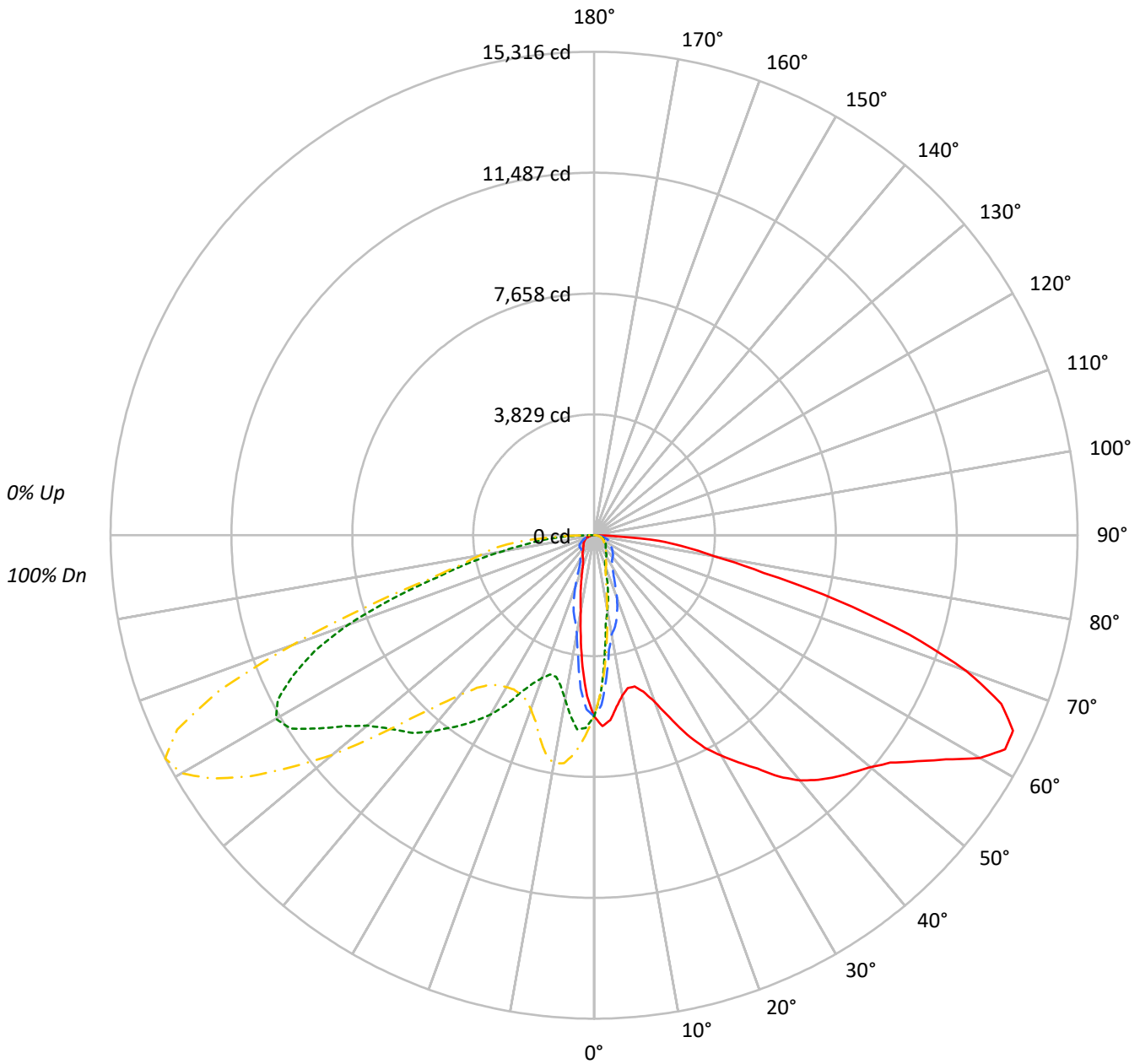
Lumens per Lamp: N/A
 Luminaire Lumens: 19187.2 lumens
 Efficiency: N/A
 Efficacy: 82.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 232.1
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	82259	82259	82259	82259
5°	84655	55048	60136	88934
10°	75105	34979	35330	76860
15°	73710	24809	23497	68939
20°	85700	15693	15815	73438
25°	110212	13474	13093	86822
30°	133563	12770	11973	108687
35°	158083	11252	10829	128829
40°	189947	10677	9926	152198
45°	219792	10591	9612	177429
50°	255226	10753	9679	209522
55°	312337	11047	9841	266942
60°	405073	11060	10368	333874
65°	497234	11176	10633	357386
70°	526154	11791	11116	347962
75°	442907	12465	11129	283995
80°	321778	14596	11282	245476
85°	341047	21144	9254	255122

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	443.6	2.3
10°-20°	928.3	4.8
20°-30°	1337.8	7.0
30°-40°	1925.9	10.0
40°-50°	2735.7	14.3
50°-60°	3933.1	20.5
60°-70°	4544.0	23.7
70°-80°	2572.9	13.4
80°-90°	765.7	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°	2709.8	14.1
0°-40°	4635.7	24.2
0°-60°	11304.5	58.9
0°-90°	19187.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19187.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5732	5732	5732	5732	5732	
5°	5876	3821	4174	6173	5876	533
15°	4961	1670	1581	4640	4961	1459
25°	6960	851	827	5483	6960	3230
35°	9023	642	618	7353	9023	5726
45°	10829	522	474	8742	10829	8385
55°	12483	442	393	10668	12483	11305
65°	14642	329	313	10524	14642	14041
75°	7987	225	201	5122	7987	8475
85°	2071	128	56	1549	2071	2063
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°	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6
2.5°	6052.7	6044.6	5996.5	5843.9	5683.4	5530.9	5386.4	5233.9	5153.6	5057.3	5017.1
5°	5876.1	5860.0	5723.5	5386.4	5089.4	4768.3	4495.3	4278.6	4102.0	3925.4	3861.2
7.5°	5474.7	5450.6	5290.1	4824.5	4391.0	3973.6	3644.4	3363.5	3130.7	3026.3	2905.9
10°	5153.6	5113.5	4904.7	4391.0	3829.1	3411.6	3194.9	3002.2	2801.6	2633.0	2456.4
12.5°	4952.9	4904.7	4688.0	4085.9	3540.1	3227.0	3002.2	2785.5	2536.7	2327.9	2135.3
15°	4960.9	4904.7	4639.8	4005.7	3467.8	3066.5	2753.4	2456.4	2167.4	1934.6	1717.9
17.5°	5193.7	5121.5	4840.5	4118.1	3411.6	2857.8	2440.3	2055.0	1725.9	1477.0	1300.4
20°	5611.2	5563.0	5241.9	4286.6	3355.5	2633.0	2119.2	1653.6	1308.5	1115.8	1043.6
22.5°	6237.3	6181.1	5835.9	4543.5	3339.4	2432.3	1774.1	1300.4	1051.6	971.3	931.2
25°	6959.8	6855.4	6534.3	4977.0	3371.5	2247.7	1493.1	1075.7	939.2	883.0	858.9
27.5°	7585.9	7521.7	7160.4	5386.4	3387.6	2103.2	1300.4	979.3	875.0	826.8	810.8
30°	8059.5	8035.4	7682.2	5835.9	3347.4	1926.6	1180.0	939.2	875.0	826.8	778.7
32.5°	8533.1	8541.2	8163.9	6181.1	3291.2	1774.1	1067.6	834.8	770.6	738.5	746.5
35°	9022.8	9062.9	8741.8	6518.2	3170.8	1717.9	987.4	778.7	722.5	674.3	650.2
37.5°	9640.9	9745.3	9432.2	6895.5	3050.4	1669.7	947.2	738.5	682.3	642.2	610.1
40°	10138.6	10331.3	10146.6	7248.7	2970.1	1613.5	915.1	698.4	658.2	610.1	586.0
42.5°	10507.9	10732.6	10668.4	7521.7	2970.1	1557.3	883.0	674.3	642.2	586.0	553.9
45°	10829.0	11061.8	11053.7	7802.6	3034.4	1525.2	842.9	674.3	626.1	569.9	537.8
47.5°	11118.0	11350.7	11431.0	8155.8	3138.7	1509.2	794.7	658.2	626.1	561.9	513.8
50°	11431.0	11687.9	11928.7	8717.8	3267.2	1469.0	762.6	634.2	634.2	553.9	497.7
52.5°	11832.4	12121.4	12562.9	9416.1	3395.6	1396.8	714.4	618.1	634.2	545.9	481.6
55°	12482.6	12723.4	13301.4	10251.0	3556.1	1308.5	674.3	578.0	602.1	521.8	457.6
57.5°	13213.1	13421.8	13903.5	10893.2	3604.3	1196.1	618.1	537.8	578.0	497.7	425.5
60°	14112.2	14216.5	14216.5	11077.8	3443.8	1091.7	578.0	505.7	521.8	473.6	401.4
62.5°	14682.1	14682.1	14216.5	10740.7	3138.7	1003.4	545.9	473.6	457.6	441.5	377.3
65°	14642.0	14577.8	13887.4	9761.3	2785.5	947.2	513.8	433.5	409.4	401.4	353.2
67.5°	13967.7	13855.3	12916.1	8380.6	2416.2	923.2	481.6	393.3	377.3	361.2	321.1
70°	12538.8	12249.8	11093.9	6743.0	2055.0	907.1	473.6	361.2	345.2	329.1	297.0
72.5°	10467.7	10098.5	8661.6	5185.7	1725.9	850.9	449.5	321.1	313.1	297.0	264.9
75°	7987.3	7304.9	6044.6	3965.5	1340.6	738.5	385.3	281.0	281.0	272.9	240.8
77.5°	5506.8	5153.6	4214.4	2930.0	979.3	569.9	313.1	248.8	248.8	256.9	224.8
80°	3893.3	3564.2	3002.2	2103.2	618.1	385.3	240.8	208.7	232.8	248.8	208.7
82.5°	2978.2	2737.3	2231.6	1533.2	361.2	264.9	184.6	168.6	200.7	216.7	176.6
85°	2071.1	1782.1	1131.9	1027.5	208.7	160.5	136.5	136.5	176.6	216.7	160.5
87.5°	586.0	248.8	72.2	305.0	88.3	64.2	48.2	32.1	48.2	48.2	32.1
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°	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6
2.5°	4977.0	4928.8	4928.8	4912.8	4920.8	4928.8	4920.8	4977.0	5001.1	5033.2	5097.4
5°	3821.0	3885.3	3837.1	3885.3	3949.5	4045.8	4069.9	4142.1	4150.2	4206.4	4174.2
7.5°	2833.7	2825.6	2785.5	2841.7	3018.3	3154.8	3219.0	3259.1	3267.2	3267.2	3227.0
10°	2400.2	2327.9	2255.7	2215.6	2231.6	2376.1	2424.3	2448.4	2432.3	2456.4	2424.3
12.5°	2055.0	1990.8	1886.4	1814.2	1766.0	1806.2	1854.3	1878.4	1894.5	1934.6	1966.7
15°	1669.7	1605.5	1541.3	1501.1	1461.0	1428.9	1469.0	1493.1	1533.2	1565.3	1581.4
17.5°	1268.3	1236.2	1204.1	1228.2	1228.2	1212.1	1228.2	1236.2	1252.3	1276.4	1268.3
20°	1027.5	1019.5	1011.5	1051.6	1083.7	1083.7	1099.8	1075.7	1067.6	1043.6	1035.5
22.5°	915.1	915.1	923.2	955.3	987.4	1003.4	1003.4	963.3	923.2	907.1	915.1
25°	850.9	850.9	875.0	883.0	899.1	899.1	907.1	867.0	842.9	818.8	826.8
27.5°	802.7	802.7	810.8	810.8	818.8	818.8	826.8	810.8	778.7	770.6	770.6
30°	770.6	770.6	762.6	762.6	762.6	762.6	770.6	746.5	730.5	722.5	722.5
32.5°	738.5	730.5	722.5	722.5	714.4	714.4	722.5	698.4	690.4	690.4	690.4
35°	642.2	634.2	642.2	658.2	658.2	666.3	666.3	658.2	642.2	626.1	618.1
37.5°	602.1	594.0	594.0	594.0	610.1	618.1	626.1	610.1	586.0	561.9	561.9
40°	569.9	569.9	561.9	561.9	561.9	578.0	594.0	569.9	537.8	529.8	529.8
42.5°	545.9	537.8	529.8	521.8	513.8	537.8	553.9	521.8	505.7	505.7	505.7
45°	521.8	513.8	505.7	497.7	489.7	497.7	513.8	481.6	473.6	473.6	473.6
47.5°	497.7	489.7	473.6	465.6	457.6	457.6	473.6	449.5	441.5	449.5	449.5
50°	481.6	465.6	449.5	441.5	433.5	433.5	433.5	425.5	425.5	425.5	433.5
52.5°	465.6	449.5	425.5	417.4	409.4	409.4	409.4	409.4	401.4	409.4	417.4
55°	441.5	425.5	409.4	401.4	393.3	385.3	393.3	385.3	385.3	393.3	393.3
57.5°	409.4	393.3	377.3	377.3	369.3	369.3	377.3	369.3	369.3	377.3	377.3
60°	385.3	369.3	353.2	353.2	345.2	353.2	361.2	353.2	353.2	353.2	361.2
62.5°	353.2	345.2	329.1	329.1	329.1	329.1	337.2	329.1	337.2	337.2	337.2
65°	329.1	313.1	305.0	305.0	305.0	305.0	321.1	305.0	313.1	313.1	313.1
67.5°	305.0	289.0	281.0	281.0	281.0	281.0	297.0	281.0	289.0	297.0	289.0
70°	281.0	264.9	256.9	256.9	256.9	256.9	264.9	256.9	256.9	264.9	264.9
72.5°	248.8	240.8	232.8	232.8	224.8	232.8	240.8	232.8	232.8	232.8	232.8
75°	224.8	216.7	216.7	208.7	208.7	208.7	216.7	200.7	200.7	200.7	200.7
77.5°	208.7	192.7	192.7	192.7	184.6	192.7	184.6	168.6	168.6	168.6	168.6
80°	176.6	160.5	168.6	168.6	160.5	160.5	152.5	136.5	136.5	136.5	136.5
82.5°	144.5	128.4	136.5	136.5	136.5	136.5	120.4	112.4	104.4	96.3	96.3
85°	128.4	104.4	120.4	120.4	112.4	112.4	80.3	80.3	64.2	64.2	56.2
87.5°	24.1	16.1	32.1	40.1	40.1	48.2	32.1	40.1	24.1	16.1	16.1
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°	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6
2.5°	5089.4	5177.7	5298.1	5386.4	5522.9	5627.2	5787.8	5924.2	6052.7	6108.9	6165.0
5°	4270.6	4326.8	4511.4	4655.9	4872.6	5105.4	5394.4	5707.5	6028.6	6173.1	6341.6
7.5°	3194.9	3299.3	3403.6	3612.3	3877.2	4254.5	4623.8	5089.4	5538.9	5755.6	6044.6
10°	2480.5	2560.7	2681.2	2897.9	3146.7	3459.8	3901.3	4455.2	4993.0	5274.0	5571.0
12.5°	1990.8	2103.2	2263.7	2488.5	2777.5	3098.6	3419.7	3933.4	4559.6	4880.7	5217.8
15°	1613.5	1701.8	1878.4	2159.4	2496.5	2825.6	3162.8	3588.2	4270.6	4639.8	5041.2
17.5°	1284.4	1348.6	1509.2	1790.1	2127.3	2496.5	2881.8	3419.7	4174.2	4623.8	5097.4
20°	1043.6	1091.7	1196.1	1404.8	1725.9	2127.3	2608.9	3259.1	4230.4	4808.4	5386.4
22.5°	915.1	931.2	979.3	1091.7	1356.6	1782.1	2360.1	3122.7	4334.8	5081.3	5860.0
25°	826.8	842.9	858.9	931.2	1083.7	1485.1	2143.3	3042.4	4559.6	5482.7	6405.9
27.5°	770.6	786.7	794.7	826.8	931.2	1268.3	1958.7	2994.2	4864.6	6068.7	7080.2
30°	722.5	722.5	746.5	794.7	867.0	1115.8	1798.1	2881.8	5185.7	6558.4	7610.0
32.5°	682.3	690.4	722.5	746.5	794.7	987.4	1637.6	2737.3	5474.7	6959.8	8131.8
35°	610.1	610.1	618.1	658.2	722.5	883.0	1493.1	2592.9	5635.2	7353.1	8597.3
37.5°	561.9	569.9	586.0	618.1	674.3	810.8	1372.7	2432.3	5803.8	7722.4	9143.2
40°	529.8	537.8	553.9	586.0	642.2	746.5	1268.3	2303.9	5980.4	8123.7	9729.2
42.5°	505.7	513.8	529.8	561.9	610.1	730.5	1155.9	2199.5	6084.8	8493.0	10283.1
45°	481.6	489.7	513.8	545.9	586.0	714.4	1091.7	2127.3	6124.9	8741.8	10724.6
47.5°	457.6	465.6	489.7	537.8	586.0	690.4	1067.6	2087.1	6157.0	9022.8	11077.8
50°	433.5	449.5	481.6	529.8	594.0	658.2	1051.6	2079.1	6341.6	9384.0	11415.0
52.5°	417.4	441.5	473.6	529.8	586.0	610.1	1043.6	2103.2	6710.9	9921.9	11896.6
55°	401.4	425.5	457.6	529.8	561.9	569.9	1003.4	2143.3	7272.8	10668.4	12578.9
57.5°	385.3	401.4	441.5	513.8	529.8	537.8	923.2	2199.5	7834.7	11398.9	13277.3
60°	361.2	377.3	417.4	513.8	481.6	505.7	818.8	2215.6	8236.1	11631.7	13341.5
62.5°	337.2	353.2	393.3	529.8	441.5	473.6	730.5	2159.4	8316.4	11294.6	12980.3
65°	313.1	329.1	361.2	441.5	409.4	441.5	674.3	2006.9	8051.5	10523.9	12322.1
67.5°	289.0	305.0	329.1	361.2	369.3	401.4	650.2	1766.0	7385.2	9568.7	11423.0
70°	256.9	272.9	297.0	321.1	329.1	377.3	610.1	1533.2	6309.5	8292.3	10323.2
72.5°	232.8	240.8	264.9	281.0	297.0	345.2	586.0	1340.6	4824.5	6710.9	8420.7
75°	200.7	200.7	224.8	240.8	256.9	305.0	537.8	1115.8	3403.6	5121.5	6189.1
77.5°	168.6	168.6	184.6	200.7	216.7	264.9	457.6	907.1	2360.1	4061.9	4487.3
80°	128.4	128.4	144.5	160.5	176.6	224.8	369.3	666.3	1461.0	2970.1	3267.2
82.5°	88.3	88.3	112.4	120.4	128.4	176.6	281.0	457.6	858.9	2143.3	2336.0
85°	48.2	48.2	64.2	72.2	88.3	128.4	208.7	321.1	513.8	1549.3	1557.3
87.5°	8.0	8.0	24.1	24.1	40.1	64.2	120.4	176.6	289.0	858.9	545.9
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: P598625
 CATALOG NUMBER: IFLD-S-SA3E-727-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6	5731.6
2.5°	6269.4	6357.7	6365.7	6365.7	6325.6	6333.6	6221.2	6100.8	6060.7	6052.7
5°	6598.5	6831.3	6895.5	6895.5	6823.3	6662.7	6373.8	6060.7	5900.1	5876.1
7.5°	6534.3	6999.9	7248.7	7248.7	7072.1	6694.9	6189.1	5707.5	5522.9	5474.7
10°	6157.0	6783.2	7232.7	7232.7	7120.3	6638.7	5980.4	5418.5	5193.7	5153.6
12.5°	5892.1	6494.2	6935.7	6935.7	6983.8	6566.4	5876.1	5233.9	5009.1	4952.9
15°	5747.6	6301.5	6590.5	6590.5	6630.6	6454.0	5876.1	5274.0	5025.2	4960.9
17.5°	5868.0	6245.3	6285.5	6285.5	6237.3	6325.6	6004.5	5490.7	5249.9	5193.7
20°	6108.9	6221.2	6028.6	6028.6	5892.1	6173.1	6205.2	5900.1	5707.5	5611.2
22.5°	6614.6	6309.5	5868.0	5868.0	5659.3	6052.7	6470.1	6454.0	6285.5	6237.3
25°	7128.3	6558.4	5819.9	5819.9	5579.0	6028.6	6783.2	7072.1	6983.8	6959.8
27.5°	7698.3	6975.8	5852.0	5852.0	5546.9	6060.7	6999.9	7593.9	7610.0	7585.9
30°	8083.6	7176.5	5948.3	5948.3	5611.2	6141.0	7048.1	7907.0	8051.5	8059.5
32.5°	8404.7	7377.2	6149.0	6149.0	5731.6	6285.5	7176.5	8204.0	8525.1	8533.1
35°	8661.6	7601.9	6397.8	6397.8	5924.2	6526.3	7345.1	8485.0	8966.6	9022.8
37.5°	8990.7	7850.8	6686.8	6686.8	6253.3	6871.5	7642.1	8814.1	9488.4	9640.9
40°	9343.9	8099.6	7104.2	7104.2	6831.3	7385.2	7979.2	9183.3	9929.9	10138.6
42.5°	9737.2	8364.6	7577.9	7577.9	7634.1	8035.4	8364.6	9520.5	10267.0	10507.9
45°	10122.6	8685.6	8268.2	8268.2	8605.4	8806.1	8741.8	9761.3	10588.1	10829.0
47.5°	10395.5	9151.2	9103.1	9103.1	9809.5	9705.1	9183.3	9937.9	10853.0	11118.0
50°	10644.3	9729.2	10154.7	10154.7	11037.7	10684.5	9657.0	10178.7	11134.0	11431.0
52.5°	11013.6	10347.3	11238.4	11238.4	12273.9	11712.0	10170.7	10572.1	11567.5	11832.4
55°	11768.2	11045.7	12370.2	12370.2	13349.6	12651.2	10861.1	11238.4	12177.6	12482.6
57.5°	12611.0	11904.6	13269.3	13269.3	14328.9	13590.4	11639.7	12137.4	13004.4	13213.1
60°	13373.7	12771.6	14248.6	14248.6	15043.3	14272.7	12546.8	13156.9	13951.6	14112.2
62.5°	13823.2	13558.3	14682.1	14682.1	15163.8	14497.5	13317.5	14064.0	14625.9	14682.1
65°	13750.9	14007.8	14176.4	14176.4	14353.0	13871.3	13694.7	14642.0	14698.2	14642.0
67.5°	13205.1	13750.9	12787.6	12787.6	12715.4	12306.0	13108.7	14489.5	14104.1	13967.7
70°	12378.3	12418.4	10692.5	10692.5	10363.4	9801.5	11246.4	13301.4	12707.4	12538.8
72.5°	11005.6	10507.9	8083.6	8083.6	7834.7	7433.4	9022.8	11591.6	11013.6	10467.7
75°	9231.5	8324.4	6157.0	6157.0	5563.0	5546.9	6991.9	9576.7	8533.1	7987.3
77.5°	7152.4	6486.1	4543.5	4543.5	4118.1	4150.2	4880.7	7120.3	6189.1	5506.8
80°	5225.8	4535.5	3516.0	3516.0	3596.3	3403.6	3419.7	4768.3	4302.7	3893.3
82.5°	3612.3	3227.0	2849.7	2849.7	3026.3	2729.3	2665.1	3435.7	3227.0	2978.2
85°	2424.3	2657.1	2263.7	2263.7	2135.3	1966.7	2504.5	2873.8	2319.9	2071.1
87.5°	1581.4	2432.3	1629.6	1629.6	706.4	947.2	1533.2	1886.4	1083.7	586.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)