

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: P598683

Luminaire Tested: **IFLD-S-SA3E-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598683
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3E-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

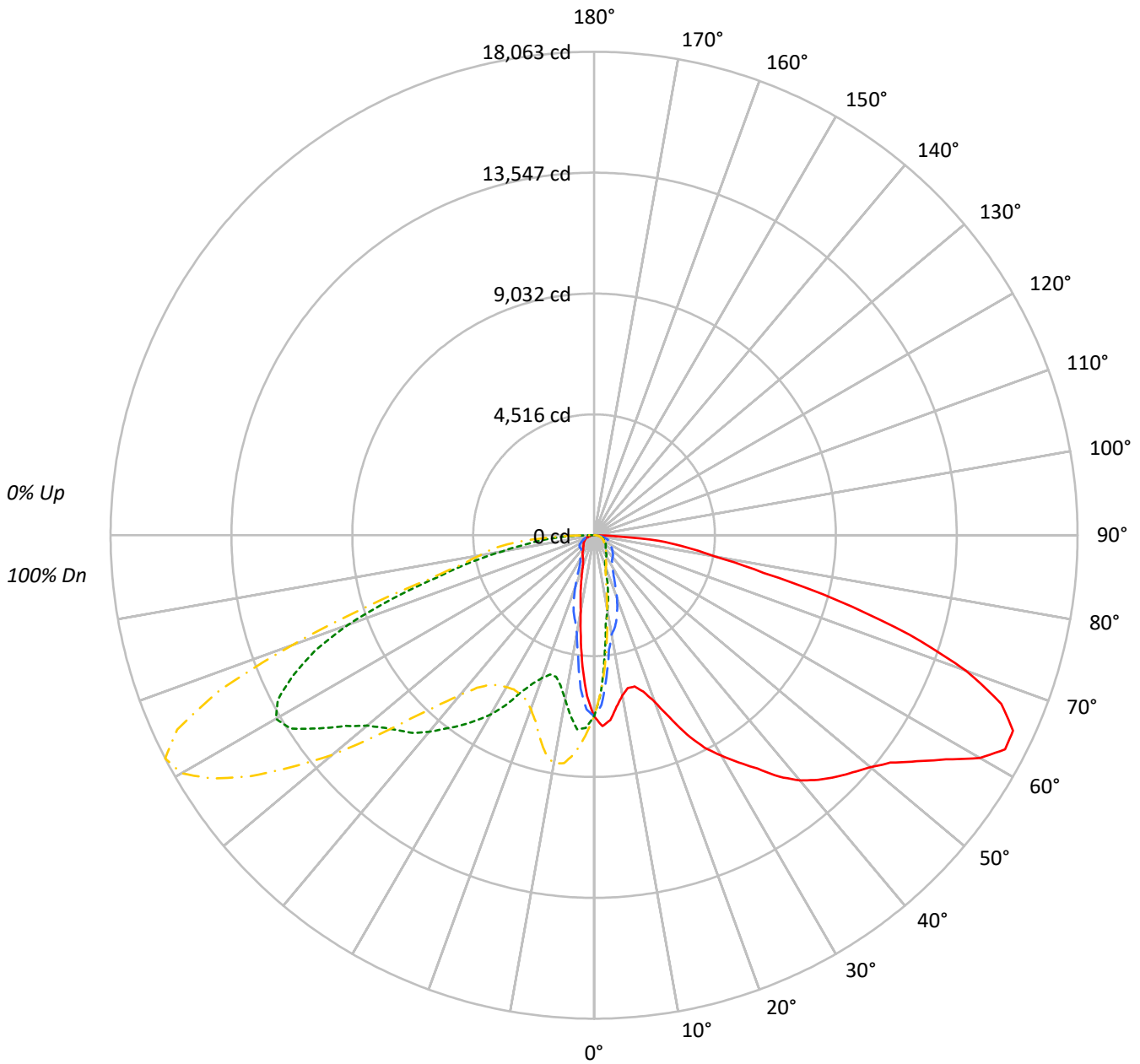
Lumens per Lamp: N/A
 Luminaire Lumens: 22628.6 lumens
 Efficiency: N/A
 Efficacy: 97.5 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

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

TEST NUMBER: P598683
CATALOG NUMBER: IFLD-S-SA3E-735-U-SLR

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - · · - 135°-315°

TEST NUMBER: P598683
 CATALOG NUMBER: IFLD-S-SA3E-735-U-SLR

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	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°	97013	97013	97013	97013
5°	99838	64922	70923	104885
10°	88575	41253	41666	90646
15°	86931	29259	27710	81304
20°	101070	18508	18653	86611
25°	129980	15891	15441	102394
30°	157520	15062	14119	128180
35°	186437	13270	12772	151937
40°	224017	12594	11706	179497
45°	259214	12491	11338	209254
50°	301005	12682	11414	247104
55°	368358	13029	11608	314821
60°	477728	13043	12228	393758
65°	586419	13183	12538	421488
70°	620527	13906	13109	410373
75°	522347	14700	13125	334932
80°	379492	17216	13298	289512
85°	402205	24947	10918	300884

TEST NUMBER: P598683
 CATALOG NUMBER: IFLD-S-SA3E-735-U-SLR

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	523.1	2.3
10°-20°	1094.8	4.8
20°-30°	1577.8	7.0
30°-40°	2271.4	10.0
40°-50°	3226.3	14.3
50°-60°	4638.6	20.5
60°-70°	5359.1	23.7
70°-80°	3034.4	13.4
80°-90°	903.0	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°	3195.8	14.1
0°-40°	5467.2	24.2
0°-60°	13332.1	58.9
0°-90°	22628.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22628.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6760	6760	6760	6760	6760	
5°	6930	4506	4923	7280	6930	629
15°	5851	1969	1865	5472	5851	1720
25°	8208	1004	975	6466	8208	3810
35°	10641	757	729	8672	10641	6753
45°	12771	615	559	10310	12771	9889
55°	14722	521	464	12582	14722	13333
65°	17268	388	369	12412	17268	16559
75°	9420	265	237	6040	9420	9995
85°	2442	152	66	1827	2442	2433
90°	0	0	0	0	0	

TEST NUMBER: P598683
 CATALOG NUMBER: IFLD-S-SA3E-735-U-SLR

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6
2.5°	7138.3	7128.8	7072.0	6892.1	6702.8	6522.9	6352.5	6172.6	6077.9	5964.3	5917.0
5°	6930.0	6911.1	6750.1	6352.5	6002.2	5623.5	5301.6	5046.0	4837.7	4629.5	4553.7
7.5°	6456.6	6428.2	6238.9	5689.8	5178.6	4686.3	4298.1	3966.8	3692.2	3569.1	3427.1
10°	6077.9	6030.6	5784.5	5178.6	4515.9	4023.6	3767.9	3540.7	3304.1	3105.2	2897.0
12.5°	5841.3	5784.5	5528.8	4818.8	4175.0	3805.8	3540.7	3285.1	2991.6	2745.5	2518.3
15°	5850.7	5784.5	5472.0	4724.1	4089.8	3616.5	3247.3	2897.0	2556.1	2281.6	2026.0
17.5°	6125.3	6040.1	5708.7	4856.7	4023.6	3370.3	2878.0	2423.6	2035.4	1742.0	1533.7
20°	6617.6	6560.8	6182.1	5055.5	3957.3	3105.2	2499.3	1950.2	1543.2	1315.9	1230.7
22.5°	7356.0	7289.7	6882.7	5358.4	3938.4	2868.6	2092.3	1533.7	1240.2	1145.5	1098.2
25°	8208.1	8085.0	7706.3	5869.7	3976.2	2650.8	1760.9	1268.6	1107.7	1041.4	1013.0
27.5°	8946.5	8870.8	8444.7	6352.5	3995.2	2480.4	1533.7	1155.0	1031.9	975.1	956.2
30°	9505.1	9476.7	9060.1	6882.7	3947.8	2272.1	1391.7	1107.7	1031.9	975.1	918.3
32.5°	10063.6	10073.1	9628.2	7289.7	3881.6	2092.3	1259.1	984.6	908.9	871.0	880.5
35°	10641.1	10688.5	10309.8	7687.4	3739.5	2026.0	1164.5	918.3	852.0	795.2	766.8
37.5°	11370.1	11493.2	11124.0	8132.3	3597.5	1969.2	1117.1	871.0	804.7	757.4	719.5
40°	11957.1	12184.3	11966.6	8548.9	3502.9	1902.9	1079.3	823.6	776.3	719.5	691.1
42.5°	12392.6	12657.7	12581.9	8870.8	3502.9	1836.6	1041.4	795.2	757.4	691.1	653.2
45°	12771.3	13045.8	13036.3	9202.1	3578.6	1798.8	994.1	795.2	738.4	672.2	634.3
47.5°	13112.1	13386.6	13481.3	9618.7	3701.7	1779.8	937.3	776.3	738.4	662.7	605.9
50°	13481.3	13784.3	14068.3	10281.4	3853.2	1732.5	899.4	747.9	747.9	653.2	587.0
52.5°	13954.7	14295.5	14816.2	11105.0	4004.6	1647.3	842.6	729.0	747.9	643.8	568.0
55°	14721.5	15005.5	15687.2	12089.6	4194.0	1543.2	795.2	681.6	710.0	615.4	539.6
57.5°	15583.0	15829.2	16397.2	12847.0	4250.8	1410.6	729.0	634.3	681.6	587.0	501.8
60°	16643.4	16766.4	16766.4	13064.7	4061.4	1287.5	681.6	596.4	615.4	558.6	473.4
62.5°	17315.5	17315.5	16766.4	12667.1	3701.7	1183.4	643.8	558.6	539.6	520.7	445.0
65°	17268.2	17192.4	16378.3	11512.1	3285.1	1117.1	605.9	511.2	482.8	473.4	416.6
67.5°	16472.9	16340.4	15232.7	9883.8	2849.6	1088.7	568.0	463.9	445.0	426.0	378.7
70°	14787.8	14447.0	13083.7	7952.5	2423.6	1069.8	558.6	426.0	407.1	388.2	350.3
72.5°	12345.2	11909.7	10215.1	6115.8	2035.4	1003.5	530.2	378.7	369.2	350.3	312.4
75°	9419.9	8615.2	7128.8	4676.8	1581.0	871.0	454.4	331.4	331.4	321.9	284.0
77.5°	6494.5	6077.9	4970.3	3455.5	1155.0	672.2	369.2	293.5	293.5	303.0	265.1
80°	4591.6	4203.4	3540.7	2480.4	729.0	454.4	284.0	246.1	274.5	293.5	246.1
82.5°	3512.3	3228.3	2631.9	1808.2	426.0	312.4	217.7	198.8	236.7	255.6	208.3
85°	2442.5	2101.7	1334.9	1211.8	246.1	189.3	160.9	160.9	208.3	255.6	189.3
87.5°	691.1	293.5	85.2	359.8	104.1	75.7	56.8	37.9	56.8	56.8	37.9
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: P598683
 CATALOG NUMBER: IFLD-S-SA3E-735-U-SLR

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6
2.5°	5869.7	5812.9	5812.9	5793.9	5803.4	5812.9	5803.4	5869.7	5898.1	5935.9	6011.7
5°	4506.4	4582.1	4525.3	4582.1	4657.9	4771.5	4799.9	4885.1	4894.5	4960.8	4922.9
7.5°	3341.9	3332.5	3285.1	3351.4	3559.7	3720.6	3796.4	3843.7	3853.2	3853.2	3805.8
10°	2830.7	2745.5	2660.3	2612.9	2631.9	2802.3	2859.1	2887.5	2868.6	2897.0	2859.1
12.5°	2423.6	2347.9	2224.8	2139.6	2082.8	2130.1	2186.9	2215.3	2234.3	2281.6	2319.5
15°	1969.2	1893.4	1817.7	1770.4	1723.0	1685.2	1732.5	1760.9	1808.2	1846.1	1865.0
17.5°	1495.8	1457.9	1420.1	1448.5	1448.5	1429.5	1448.5	1457.9	1476.9	1505.3	1495.8
20°	1211.8	1202.3	1192.9	1240.2	1278.1	1278.1	1297.0	1268.6	1259.1	1230.7	1221.3
22.5°	1079.3	1079.3	1088.7	1126.6	1164.5	1183.4	1183.4	1136.1	1088.7	1069.8	1079.3
25°	1003.5	1003.5	1031.9	1041.4	1060.3	1060.3	1069.8	1022.5	994.1	965.7	975.1
27.5°	946.7	946.7	956.2	956.2	965.7	965.7	975.1	956.2	918.3	908.9	908.9
30°	908.9	908.9	899.4	899.4	899.4	899.4	908.9	880.5	861.5	852.0	852.0
32.5°	871.0	861.5	852.0	852.0	842.6	842.6	852.0	823.6	814.2	814.2	814.2
35°	757.4	747.9	757.4	776.3	776.3	785.8	785.8	776.3	757.4	738.4	729.0
37.5°	710.0	700.6	700.6	700.6	719.5	729.0	738.4	719.5	691.1	662.7	662.7
40°	672.2	672.2	662.7	662.7	662.7	681.6	700.6	672.2	634.3	624.8	624.8
42.5°	643.8	634.3	624.8	615.4	605.9	634.3	653.2	615.4	596.4	596.4	596.4
45°	615.4	605.9	596.4	587.0	577.5	587.0	605.9	568.0	558.6	558.6	558.6
47.5°	587.0	577.5	558.6	549.1	539.6	539.6	558.6	530.2	520.7	530.2	530.2
50°	568.0	549.1	530.2	520.7	511.2	511.2	511.2	501.8	501.8	501.8	511.2
52.5°	549.1	530.2	501.8	492.3	482.8	482.8	482.8	482.8	473.4	482.8	492.3
55°	520.7	501.8	482.8	473.4	463.9	454.4	463.9	454.4	454.4	463.9	463.9
57.5°	482.8	463.9	445.0	445.0	435.5	435.5	445.0	435.5	435.5	445.0	445.0
60°	454.4	435.5	416.6	416.6	407.1	416.6	426.0	416.6	416.6	416.6	426.0
62.5°	416.6	407.1	388.2	388.2	388.2	388.2	397.6	388.2	397.6	397.6	397.6
65°	388.2	369.2	359.8	359.8	359.8	359.8	378.7	359.8	369.2	369.2	369.2
67.5°	359.8	340.8	331.4	331.4	331.4	331.4	350.3	331.4	340.8	350.3	340.8
70°	331.4	312.4	303.0	303.0	303.0	303.0	312.4	303.0	303.0	312.4	312.4
72.5°	293.5	284.0	274.5	274.5	265.1	274.5	284.0	274.5	274.5	274.5	274.5
75°	265.1	255.6	255.6	246.1	246.1	246.1	255.6	236.7	236.7	236.7	236.7
77.5°	246.1	227.2	227.2	227.2	217.7	227.2	217.7	198.8	198.8	198.8	198.8
80°	208.3	189.3	198.8	198.8	189.3	189.3	179.9	160.9	160.9	160.9	160.9
82.5°	170.4	151.5	160.9	160.9	160.9	160.9	142.0	132.5	123.1	113.6	113.6
85°	151.5	123.1	142.0	142.0	132.5	132.5	94.7	94.7	75.7	75.7	66.3
87.5°	28.4	18.9	37.9	47.3	47.3	56.8	37.9	47.3	28.4	18.9	18.9
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: P598683
 CATALOG NUMBER: IFLD-S-SA3E-735-U-SLR

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6
2.5°	6002.2	6106.3	6248.4	6352.5	6513.4	6636.5	6825.9	6986.8	7138.3	7204.5	7270.8
5°	5036.6	5102.8	5320.6	5491.0	5746.6	6021.1	6362.0	6731.2	7109.9	7280.3	7479.1
7.5°	3767.9	3891.0	4014.1	4260.2	4572.7	5017.6	5453.1	6002.2	6532.4	6788.0	7128.8
10°	2925.4	3020.0	3162.0	3417.7	3711.1	4080.4	4601.1	5254.3	5888.6	6220.0	6570.2
12.5°	2347.9	2480.4	2669.8	2934.8	3275.7	3654.3	4033.0	4638.9	5377.4	5756.1	6153.7
15°	1902.9	2007.0	2215.3	2546.7	2944.3	3332.5	3730.1	4231.8	5036.6	5472.0	5945.4
17.5°	1514.8	1590.5	1779.8	2111.2	2508.8	2944.3	3398.7	4033.0	4922.9	5453.1	6011.7
20°	1230.7	1287.5	1410.6	1656.8	2035.4	2508.8	3076.8	3843.7	4989.2	5670.9	6352.5
22.5°	1079.3	1098.2	1155.0	1287.5	1600.0	2101.7	2783.4	3682.7	5112.3	5992.7	6911.1
25°	975.1	994.1	1013.0	1098.2	1278.1	1751.4	2527.7	3588.1	5377.4	6466.1	7554.8
27.5°	908.9	927.8	937.3	975.1	1098.2	1495.8	2310.0	3531.3	5737.1	7157.2	8350.1
30°	852.0	852.0	880.5	937.3	1022.5	1315.9	2120.7	3398.7	6115.8	7734.7	8974.9
32.5°	804.7	814.2	852.0	880.5	937.3	1164.5	1931.3	3228.3	6456.6	8208.1	9590.3
35°	719.5	719.5	729.0	776.3	852.0	1041.4	1760.9	3057.9	6646.0	8672.0	10139.4
37.5°	662.7	672.2	691.1	729.0	795.2	956.2	1618.9	2868.6	6844.8	9107.5	10783.1
40°	624.8	634.3	653.2	691.1	757.4	880.5	1495.8	2717.1	7053.1	9580.8	11474.3
42.5°	596.4	605.9	624.8	662.7	719.5	861.5	1363.3	2594.0	7176.1	10016.3	12127.5
45°	568.0	577.5	605.9	643.8	691.1	842.6	1287.5	2508.8	7223.5	10309.8	12648.2
47.5°	539.6	549.1	577.5	634.3	691.1	814.2	1259.1	2461.5	7261.3	10641.1	13064.7
50°	511.2	530.2	568.0	624.8	700.6	776.3	1240.2	2452.0	7479.1	11067.2	13462.4
52.5°	492.3	520.7	558.6	624.8	691.1	719.5	1230.7	2480.4	7914.6	11701.5	14030.4
55°	473.4	501.8	539.6	624.8	662.7	672.2	1183.4	2527.7	8577.3	12581.9	14835.1
57.5°	454.4	473.4	520.7	605.9	624.8	634.3	1088.7	2594.0	9240.0	13443.4	15658.8
60°	426.0	445.0	492.3	605.9	568.0	596.4	965.7	2612.9	9713.4	13718.0	15734.5
62.5°	397.6	416.6	463.9	624.8	520.7	558.6	861.5	2546.7	9808.0	13320.4	15308.5
65°	369.2	388.2	426.0	520.7	482.8	520.7	795.2	2366.8	9495.6	12411.5	14532.2
67.5°	340.8	359.8	388.2	426.0	435.5	473.4	766.8	2082.8	8709.8	11284.9	13471.8
70°	303.0	321.9	350.3	378.7	388.2	445.0	719.5	1808.2	7441.2	9779.6	12174.8
72.5°	274.5	284.0	312.4	331.4	350.3	407.1	691.1	1581.0	5689.8	7914.6	9931.1
75°	236.7	236.7	265.1	284.0	303.0	359.8	634.3	1315.9	4014.1	6040.1	7299.2
77.5°	198.8	198.8	217.7	236.7	255.6	312.4	539.6	1069.8	2783.4	4790.4	5292.2
80°	151.5	151.5	170.4	189.3	208.3	265.1	435.5	785.8	1723.0	3502.9	3853.2
82.5°	104.1	104.1	132.5	142.0	151.5	208.3	331.4	539.6	1013.0	2527.7	2755.0
85°	56.8	56.8	75.7	85.2	104.1	151.5	246.1	378.7	605.9	1827.2	1836.6
87.5°	9.5	9.5	28.4	28.4	47.3	75.7	142.0	208.3	340.8	1013.0	643.8
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: P598683
 CATALOG NUMBER: IFLD-S-SA3E-735-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6	6759.6
2.5°	7393.9	7498.0	7507.5	7507.5	7460.2	7469.6	7337.1	7195.1	7147.7	7138.3
5°	7782.0	8056.6	8132.3	8170.2	8047.1	7857.8	7517.0	7147.7	6958.4	6930.0
7.5°	7706.3	8255.4	8548.9	8586.8	8340.6	7895.7	7299.2	6731.2	6513.4	6456.6
10°	7261.3	7999.8	8530.0	8662.5	8397.4	7829.4	7053.1	6390.4	6125.3	6077.9
12.5°	6948.9	7659.0	8179.7	8359.5	8236.5	7744.2	6930.0	6172.6	5907.5	5841.3
15°	6778.5	7431.8	7772.6	7829.4	7819.9	7611.6	6930.0	6220.0	5926.5	5850.7
17.5°	6920.5	7365.5	7412.8	7280.3	7356.0	7460.2	7081.5	6475.6	6191.6	6125.3
20°	7204.5	7337.1	7109.9	6911.1	6948.9	7280.3	7318.2	6958.4	6731.2	6617.6
22.5°	7801.0	7441.2	6920.5	6646.0	6674.4	7138.3	7630.6	7611.6	7412.8	7356.0
25°	8406.9	7734.7	6863.7	6541.8	6579.7	7109.9	7999.8	8340.6	8236.5	8208.1
27.5°	9079.1	8227.0	6901.6	6494.5	6541.8	7147.7	8255.4	8956.0	8974.9	8946.5
30°	9533.5	8463.7	7015.2	6551.3	6617.6	7242.4	8312.2	9325.2	9495.6	9505.1
32.5°	9912.2	8700.4	7251.9	6646.0	6759.6	7412.8	8463.7	9675.5	10054.2	10063.6
35°	10215.1	8965.4	7545.4	6816.4	6986.8	7696.8	8662.5	10006.8	10574.9	10641.1
37.5°	10603.3	9258.9	7886.2	7185.6	7375.0	8103.9	9012.8	10395.0	11190.2	11370.1
40°	11019.8	9552.4	8378.5	7782.0	8056.6	8709.8	9410.4	10830.5	11710.9	11957.1
42.5°	11483.7	9864.8	8937.0	8586.8	9003.3	9476.7	9864.8	11228.1	12108.6	12392.6
45°	11938.1	10243.5	9751.2	9685.0	10148.8	10385.5	10309.8	11512.1	12487.2	12771.3
47.5°	12260.0	10792.6	10735.8	11133.4	11568.9	11445.9	10830.5	11720.4	12799.7	13112.1
50°	12553.5	11474.3	11976.0	12752.3	13017.4	12600.9	11389.1	12004.4	13131.0	13481.3
52.5°	12989.0	12203.2	13254.1	14219.7	14475.4	13812.7	11995.0	12468.3	13642.2	13954.7
55°	13878.9	13026.9	14589.0	15696.6	15744.0	14920.3	12809.1	13254.1	14361.8	14721.5
57.5°	14873.0	14039.9	15649.3	16917.9	16899.0	16028.0	13727.5	14314.4	15336.9	15583.0
60°	15772.4	15062.3	16804.3	17788.9	17741.5	16832.7	14797.2	15516.8	16454.0	16643.4
62.5°	16302.5	15990.1	17315.5	18063.4	17883.6	17097.8	15706.1	16586.5	17249.3	17315.5
65°	16217.3	16520.3	16719.1	17183.0	16927.4	16359.3	16151.1	17268.2	17334.5	17268.2
67.5°	15573.6	16217.3	15081.3	15128.6	14996.1	14513.2	15459.9	17088.3	16633.9	16472.9
70°	14598.4	14645.8	12610.3	12013.9	12222.2	11559.5	13263.6	15687.2	14986.6	14787.8
72.5°	12979.5	12392.6	9533.5	8927.6	9240.0	8766.6	10641.1	13670.6	12989.0	12345.2
75°	10887.3	9817.5	7261.3	6399.8	6560.8	6541.8	8245.9	11294.4	10063.6	9419.9
77.5°	8435.3	7649.5	5358.4	5027.1	4856.7	4894.5	5756.1	8397.4	7299.2	6494.5
80°	6163.2	5349.0	4146.6	4336.0	4241.3	4014.1	4033.0	5623.5	5074.4	4591.6
82.5°	4260.2	3805.8	3360.9	3796.4	3569.1	3218.9	3143.1	4052.0	3805.8	3512.3
85°	2859.1	3133.6	2669.8	2906.4	2518.3	2319.5	2953.8	3389.3	2736.0	2442.5
87.5°	1865.0	2868.6	1921.8	1457.9	833.1	1117.1	1808.2	2224.8	1278.1	691.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)