

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: P599116

Luminaire Tested: **IFLD-S-SA3C-722-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: P599116
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3C-722-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

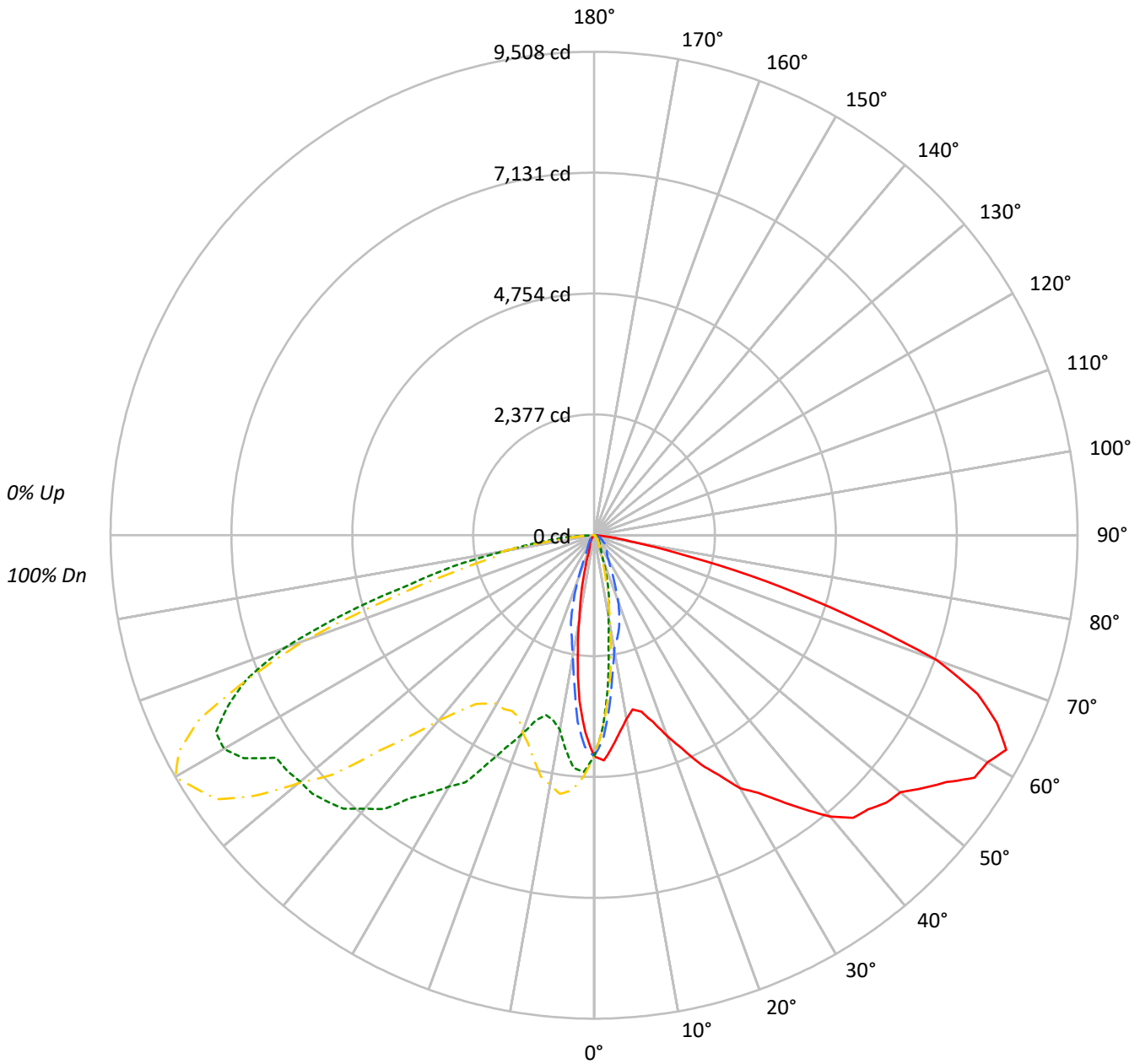
Lumens per Lamp: N/A
 Luminaire Lumens: 11365.2 lumens
 Efficiency: N/A
 Efficacy: 70.7 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 160.8
 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: P599116
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Luminous Intensity Polar Plot



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

TEST NUMBER: P599116
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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°	62358	62358	62358	62358
5°	60036	43879	47234	66171
10°	53450	23890	24202	56576
15°	53357	15934	9742	54359
20°	64067	7956	3884	63693
25°	78799	4998	3009	78411
30°	95210	4012	2285	94600
35°	111717	3220	1771	110591
40°	135248	2756	1148	131518
45°	154731	2488	621	150441
50°	175551	2394	136	168368
55°	211762	2299	0	190906
60°	256379	1935	0	241163
65°	296870	1562	0	269815
70°	300612	1284	0	272070
75°	194546	848	0	208647
80°	66351	256	0	147645
85°	33296	0	0	108484

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.1	2.9
10°-20°	637.3	5.6
20°-30°	887.6	7.8
30°-40°	1261.2	11.1
40°-50°	1748.9	15.4
50°-60°	2383.0	21.0
60°-70°	2620.0	23.1
70°-80°	1287.7	11.3
80°-90°	210.3	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°	1854.1	16.3
0°-40°	3115.3	27.4
0°-60°	7247.3	63.8
0°-90°	11365.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11365.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4345	4345	4345	4345	4345	
5°	4167	3046	3279	4593	4167	381
15°	3591	1072	656	3658	3591	1063
25°	4976	316	190	4952	4976	2314
35°	6376	184	101	6312	6376	4048
45°	7624	123	31	7412	7624	5910
55°	8463	92	0	7630	8463	7613
65°	8742	46	0	7945	8742	8448
75°	3508	15	0	3763	3508	3825
85°	202	0	0	659	202	280
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°	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9
2.5°	4433.8	4485.9	4436.8	4265.2	4234.6	4151.9	4026.2	4017.0	3885.3	3900.6	3830.1
5°	4167.2	4219.3	4115.1	3888.4	3676.9	3508.4	3407.3	3226.5	3186.7	3097.8	3097.8
7.5°	3894.5	3891.4	3713.7	3523.7	3208.1	2898.6	2757.7	2497.2	2344.0	2261.3	2181.6
10°	3667.7	3618.7	3508.4	3116.2	2773.0	2451.3	2276.6	2105.0	1945.7	1807.8	1669.9
12.5°	3508.4	3539.0	3364.4	2938.5	2494.2	2270.5	2083.6	1902.8	1712.8	1556.6	1403.4
15°	3591.1	3542.1	3336.8	2898.6	2448.2	2141.8	1893.6	1673.0	1461.6	1256.3	1139.8
17.5°	3848.5	3722.9	3480.8	2898.6	2353.2	1945.7	1645.4	1385.0	1158.2	974.4	830.4
20°	4194.8	4050.8	3790.3	3005.9	2282.8	1801.7	1391.1	1063.2	827.3	655.7	545.4
22.5°	4550.2	4436.8	4044.6	3048.8	2200.0	1608.7	1097.0	769.1	551.5	441.2	386.1
25°	4976.1	4816.8	4387.8	3220.4	2077.5	1421.7	864.1	536.2	410.6	352.4	318.7
27.5°	5316.2	5288.7	4709.5	3324.6	1985.5	1268.5	683.3	425.9	340.1	297.2	275.8
30°	5745.2	5595.1	5101.7	3532.9	1881.4	1093.9	569.9	383.0	312.5	266.6	251.3
32.5°	6002.6	5932.1	5307.0	3649.4	1764.9	949.9	490.3	337.1	285.0	251.3	235.9
35°	6376.4	6235.5	5601.2	3722.9	1703.6	867.1	441.2	306.4	239.0	205.3	186.9
37.5°	6793.1	6741.0	5953.6	3719.8	1614.8	818.1	407.5	285.0	226.7	190.0	168.5
40°	7219.0	7007.6	6168.1	3805.6	1568.8	781.3	383.0	272.7	214.5	180.8	153.2
42.5°	7537.7	7295.6	6416.2	3775.0	1513.7	717.0	373.8	254.3	205.3	165.5	140.9
45°	7623.5	7537.7	6639.9	3765.8	1473.8	664.9	358.5	251.3	199.2	156.3	131.8
47.5°	7789.0	7730.7	6915.7	3781.1	1443.2	625.1	321.7	257.4	190.0	147.1	125.6
50°	7862.5	7758.3	7139.4	3817.9	1372.7	576.1	288.0	269.6	186.9	144.0	119.5
52.5°	8165.9	8073.9	7445.8	3922.1	1314.5	511.7	254.3	257.4	193.0	134.8	113.4
55°	8463.1	8358.9	7917.7	4161.1	1231.8	459.6	217.6	226.7	183.8	122.6	101.1
57.5°	8870.6	8699.0	8233.3	4259.1	1158.2	389.1	193.0	186.9	171.6	110.3	88.9
60°	8931.9	9002.4	8187.3	4197.8	1081.6	343.2	168.5	144.0	183.8	98.1	76.6
62.5°	9137.2	8843.0	7972.8	4056.9	1026.5	315.6	150.1	119.5	159.3	85.8	64.3
65°	8741.9	8524.4	7470.3	3603.4	956.0	318.7	131.8	98.1	101.1	70.5	52.1
67.5°	8162.8	7991.2	6636.9	3110.1	885.5	312.5	116.4	85.8	76.6	61.3	46.0
70°	7163.9	6793.1	5638.0	2524.8	781.3	291.1	98.1	76.6	64.3	49.0	33.7
72.5°	5212.0	5061.9	4044.6	1951.8	701.7	263.5	91.9	64.3	55.2	36.8	27.6
75°	3508.4	3260.2	2552.4	1280.8	563.8	229.8	76.6	58.2	42.9	27.6	21.4
77.5°	1853.8	1752.7	1446.3	609.8	312.5	107.2	42.9	33.7	24.5	21.4	12.3
80°	802.8	713.9	625.1	248.2	110.3	49.0	27.6	18.4	15.3	12.3	6.1
82.5°	410.6	392.2	324.8	107.2	64.3	36.8	15.3	12.3	9.2	6.1	3.1
85°	202.2	208.4	171.6	33.7	36.8	21.4	3.1	3.1	0.0	0.0	0.0
87.5°	15.3	15.3	12.3	6.1	9.2	3.1	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°	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9
2.5°	3802.6	3845.5	3771.9	3817.9	3796.4	3805.6	3814.8	3790.3	3796.4	3882.2	3885.3
5°	3045.7	3128.5	3097.8	3140.7	3214.3	3177.5	3211.2	3205.1	3211.2	3223.4	3278.6
7.5°	2172.5	2147.9	2206.2	2319.5	2451.3	2531.0	2491.1	2469.7	2457.4	2426.8	2463.5
10°	1639.3	1627.0	1611.7	1645.4	1731.2	1820.1	1869.1	1786.4	1740.4	1682.2	1660.7
12.5°	1360.5	1283.9	1241.0	1188.9	1213.4	1293.1	1296.1	1216.5	1142.9	1112.3	1146.0
15°	1072.4	1020.3	943.7	870.2	833.4	894.7	842.6	766.0	671.0	658.8	655.7
17.5°	766.0	735.4	680.2	649.6	606.7	591.4	536.2	419.8	352.4	334.0	340.1
20°	520.9	496.4	493.3	465.7	447.4	435.1	346.2	269.6	248.2	251.3	254.3
22.5°	386.1	373.8	358.5	355.4	340.1	324.8	254.3	226.7	211.4	211.4	220.6
25°	315.6	309.5	294.2	288.0	281.9	260.4	214.5	193.0	186.9	180.8	190.0
27.5°	269.6	266.6	257.4	248.2	242.1	220.6	186.9	168.5	162.4	162.4	162.4
30°	242.1	242.1	229.8	211.4	211.4	186.9	159.3	147.1	140.9	140.9	137.9
32.5°	226.7	220.6	205.3	193.0	183.8	159.3	140.9	128.7	119.5	119.5	122.6
35°	183.8	183.8	180.8	171.6	159.3	134.8	119.5	107.2	101.1	98.1	101.1
37.5°	162.4	153.2	140.9	144.0	137.9	116.4	101.1	91.9	82.7	82.7	82.7
40°	147.1	137.9	125.6	116.4	113.4	104.2	88.9	73.5	64.3	61.3	61.3
42.5°	131.8	125.6	107.2	91.9	88.9	88.9	67.4	55.2	46.0	46.0	46.0
45°	122.6	113.4	98.1	79.7	64.3	67.4	55.2	39.8	33.7	30.6	30.6
47.5°	116.4	107.2	85.8	67.4	49.0	49.0	39.8	27.6	21.4	18.4	18.4
50°	107.2	98.1	76.6	55.2	36.8	30.6	24.5	15.3	9.2	6.1	6.1
52.5°	101.1	91.9	67.4	46.0	30.6	21.4	15.3	3.1	0.0	0.0	0.0
55°	91.9	79.7	58.2	36.8	24.5	12.3	3.1	0.0	0.0	0.0	0.0
57.5°	79.7	70.5	46.0	27.6	15.3	3.1	0.0	0.0	0.0	0.0	0.0
60°	67.4	58.2	36.8	21.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	55.2	49.0	27.6	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	46.0	36.8	21.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	39.8	30.6	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	30.6	21.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	21.4	15.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	15.3	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	9.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.1	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°	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9
2.5°	3897.5	3989.5	4075.3	4099.8	4167.2	4354.1	4354.1	4443.0	4602.3	4660.5	4672.8
5°	3287.8	3385.8	3404.2	3594.2	3683.1	3873.0	3998.7	4298.9	4479.7	4593.1	4663.6
7.5°	2500.3	2534.0	2604.5	2782.2	2956.9	3186.7	3425.7	3808.7	4127.4	4256.0	4495.0
10°	1719.0	1820.1	1973.3	2132.6	2405.3	2659.6	2969.1	3330.7	3722.9	3882.2	4087.5
12.5°	1158.2	1299.2	1544.3	1771.1	2022.3	2279.7	2573.9	3058.0	3502.3	3722.9	3928.2
15°	677.2	848.8	1060.2	1427.9	1761.9	2049.9	2344.0	2834.3	3373.6	3658.5	3909.8
17.5°	343.2	395.3	569.9	888.6	1329.8	1801.7	2239.9	2864.9	3471.6	3820.9	4029.3
20°	257.4	272.7	321.7	471.9	910.0	1489.2	2141.8	2910.9	3744.3	4170.3	4283.6
22.5°	223.7	235.9	257.4	306.4	511.7	1139.8	2003.9	3024.3	4115.1	4516.5	4755.5
25°	190.0	202.2	220.6	251.3	327.9	775.2	1835.4	3143.8	4446.0	4951.6	5175.3
27.5°	165.5	174.7	193.0	217.6	266.6	493.3	1544.3	3303.1	4951.6	5478.6	5536.8
30°	140.9	150.1	165.5	193.0	226.7	349.3	1133.7	3324.6	5230.4	5708.4	5870.8
32.5°	122.6	125.6	144.0	168.5	190.0	275.8	796.7	3346.0	5435.7	6005.7	6039.4
35°	101.1	107.2	125.6	140.9	165.5	217.6	603.6	3238.8	5702.3	6312.1	6302.9
37.5°	82.7	91.9	104.2	116.4	134.8	183.8	481.1	3039.6	6036.3	6787.0	6499.0
40°	64.3	73.5	85.8	101.1	113.4	165.5	361.6	2739.3	6385.6	7019.9	6713.5
42.5°	46.0	52.1	64.3	79.7	101.1	137.9	260.4	2383.9	6523.5	7292.6	6970.8
45°	33.7	39.8	49.0	67.4	104.2	110.3	180.8	2059.1	6670.6	7412.1	6912.6
47.5°	18.4	24.5	36.8	58.2	91.9	82.7	128.7	1768.0	6839.1	7519.3	6958.6
50°	6.1	9.2	21.4	61.3	73.5	64.3	101.1	1611.7	7004.6	7540.8	7050.5
52.5°	0.0	0.0	12.3	64.3	55.2	49.0	88.9	1550.4	6961.7	7608.2	6992.3
55°	0.0	0.0	3.1	27.6	30.6	36.8	73.5	1547.4	7265.0	7629.6	7311.0
57.5°	0.0	0.0	0.0	9.2	18.4	30.6	64.3	1449.3	7458.0	8162.8	7739.9
60°	0.0	0.0	0.0	3.1	12.3	21.4	49.0	1363.5	7654.1	8401.8	8199.6
62.5°	0.0	0.0	0.0	0.0	3.1	9.2	33.7	1231.8	7258.9	8383.4	8643.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	21.4	974.4	6529.6	7945.2	8398.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.3	674.1	5717.6	7393.7	7948.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	407.5	4614.5	6483.7	6741.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174.7	3293.9	5147.7	5530.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.5	2037.6	3762.7	4234.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	1320.6	2849.6	3214.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	704.7	1786.4	2077.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	306.4	1084.7	1250.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.1	658.8	750.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.1	134.8
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: P599116
 CATALOG NUMBER: IFLD-S-SA3C-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9	4344.9
2.5°	4678.9	4767.8	4801.5	4749.4	4755.5	4648.3	4632.9	4482.8	4421.5	4433.8
5°	4893.4	5022.1	5092.5	5034.3	4902.6	4697.3	4510.4	4332.7	4222.3	4167.2
7.5°	4844.4	4988.4	5077.2	5132.4	4982.2	4651.3	4366.4	4032.4	3891.4	3894.5
10°	4574.7	4875.0	5055.8	4985.3	4914.8	4583.9	4142.7	3781.1	3655.5	3667.7
12.5°	4357.2	4691.2	4798.4	4853.5	4709.5	4446.0	4148.8	3735.1	3594.2	3508.4
15°	4222.3	4470.5	4476.7	4562.5	4504.2	4504.2	4213.1	3808.7	3686.1	3591.1
17.5°	4222.3	4277.5	4271.4	4302.0	4400.1	4516.5	4375.5	4105.9	3863.8	3848.5
20°	4317.3	4145.7	4105.9	4118.2	4200.9	4547.1	4734.0	4397.0	4243.8	4194.8
22.5°	4537.9	4161.1	3919.0	3876.1	4130.4	4544.1	4963.9	4856.6	4590.0	4550.2
25°	4841.3	4133.5	3870.0	3814.8	4007.9	4654.4	5279.5	5300.9	5058.8	4976.1
27.5°	5129.3	4256.0	3863.8	3851.6	4105.9	4629.9	5497.0	5656.3	5383.6	5316.2
30°	5227.4	4378.6	3977.2	3814.8	4142.7	4718.7	5490.9	5907.6	5729.9	5745.2
32.5°	5343.8	4501.2	3989.5	3925.1	4298.9	4862.7	5665.5	6312.1	6183.4	6002.6
35°	5515.4	4666.6	4105.9	4047.7	4409.3	4991.4	5702.3	6609.3	6587.8	6376.4
37.5°	5662.5	4829.0	4348.0	4357.2	4746.3	5199.8	5864.7	6973.9	6937.1	6793.1
40°	5766.7	5055.8	4724.9	4749.4	5040.5	5432.7	6152.7	7157.8	7430.5	7219.0
42.5°	5782.0	5258.0	5156.9	5353.0	5625.7	5794.2	6269.2	7283.4	7675.6	7537.7
45°	5840.2	5579.7	5861.6	6005.7	6229.3	6112.9	6263.0	7497.9	7694.0	7623.5
47.5°	6066.9	6165.0	6520.4	6958.6	7038.3	6655.2	6410.1	7531.6	7798.2	7789.0
50°	6302.9	6793.1	7292.6	7583.7	7684.8	7029.1	6548.0	7504.0	7936.0	7862.5
52.5°	6566.4	7338.5	8058.6	8417.1	8362.0	7442.7	6704.3	7727.7	8190.4	8165.9
55°	6731.8	7583.7	8551.9	9051.4	9008.5	7905.4	7200.7	8049.4	8524.4	8463.1
57.5°	7170.0	7982.0	9042.2	9275.1	9388.4	8512.1	7546.9	8576.4	8803.2	8870.6
60°	7531.6	8242.5	9170.9	9507.9	9547.8	8873.7	8153.6	9118.8	9158.6	8931.9
62.5°	8061.7	8343.6	8898.2	9201.5	9406.8	9079.0	8699.0	9409.9	9152.5	9137.2
65°	8450.8	8012.6	8389.5	8558.1	8689.8	8766.4	9247.5	9609.0	9039.1	8741.9
67.5°	8233.3	7387.6	7317.1	7326.3	7366.1	7828.8	9063.6	9121.9	8407.9	8162.8
70°	7246.6	6060.8	5965.8	6039.4	5840.2	6397.9	8319.1	8291.5	7418.2	7163.9
72.5°	5861.6	4418.4	4256.0	4357.2	4403.1	4994.5	6998.4	6287.6	5411.2	5212.0
75°	4657.4	3238.8	2733.2	2978.3	3134.6	3637.1	5466.4	4271.4	3778.0	3508.4
77.5°	3658.5	2451.3	2126.5	2028.4	2172.5	2644.3	3977.2	2242.9	1979.4	1853.8
80°	2319.5	1801.7	1954.9	1814.0	1875.2	1887.5	2071.3	1020.3	812.0	802.8
82.5°	1397.2	1231.8	1464.6	805.9	1467.7	1311.4	861.0	462.7	410.6	410.6
85°	989.7	763.0	505.6	327.9	652.7	720.1	334.0	239.0	208.4	202.2
87.5°	496.4	235.9	113.4	73.5	82.7	134.8	39.8	18.4	18.4	15.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)