

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: P599199

Luminaire Tested: **IFLD-S-SA2D-735-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: P599199
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

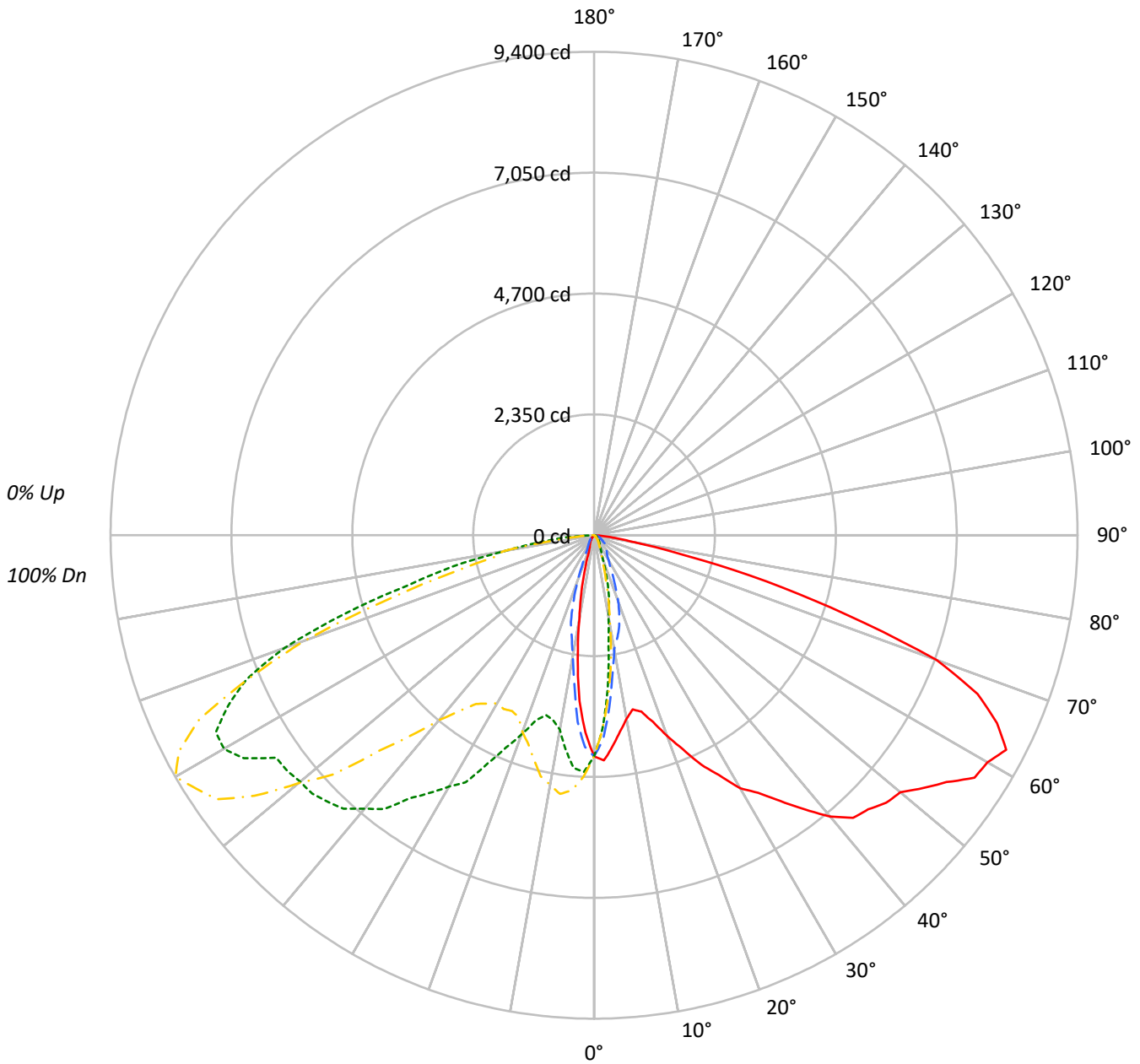
Lumens per Lamp: N/A
 Luminaire Lumens: 11236.0 lumens
 Efficiency: N/A
 Efficacy: 90.7 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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: P599199
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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	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°	92473	92473	92473	92473
5°	89029	65070	70045	98129
10°	79264	35428	35892	83901
15°	79126	23629	14449	80613
20°	95008	11798	5759	94451
25°	116855	7411	4461	116280
30°	141192	5949	3388	140287
35°	165670	4778	2628	163999
40°	200568	4086	1703	195035
45°	229457	3690	922	223094
50°	260332	3550	204	249678
55°	314032	3412	0	283105
60°	380194	2868	0	357633
65°	440242	2313	0	400122
70°	445789	1907	0	403459
75°	288500	1256	0	309411
80°	98398	372	0	218950
85°	49376	0	0	160874

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	325.4	2.9
10°-20°	630.1	5.6
20°-30°	877.5	7.8
30°-40°	1246.9	11.1
40°-50°	1729.1	15.4
50°-60°	2355.9	21.0
60°-70°	2590.2	23.1
70°-80°	1273.1	11.3
80°-90°	207.9	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°	1833.0	16.3
0°-40°	3079.9	27.4
0°-60°	7164.9	63.8
0°-90°	11236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11236.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4296	4296	4296	4296	4296	
5°	4120	3011	3241	4541	4120	377
15°	3550	1060	648	3617	3550	1051
25°	4920	312	188	4895	4920	2287
35°	6304	182	100	6240	6304	4002
45°	7537	121	30	7328	7537	5842
55°	8367	91	0	7543	8367	7526
65°	8642	45	0	7855	8642	8352
75°	3468	15	0	3720	3468	3781
85°	200	0	0	651	200	277
90°	0	0	0	0	0	

TEST NUMBER: P599199
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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5
2.5°	4383.4	4434.9	4386.4	4216.7	4186.5	4104.7	3980.5	3971.4	3841.1	3856.3	3786.6
5°	4119.8	4171.3	4068.3	3844.1	3635.1	3468.5	3368.6	3189.8	3150.4	3062.6	3062.6
7.5°	3850.2	3847.2	3671.5	3483.7	3171.6	2865.7	2726.3	2468.9	2317.4	2235.6	2156.8
10°	3626.0	3577.6	3468.5	3080.8	2741.5	2423.4	2250.8	2081.1	1923.6	1787.3	1651.0
12.5°	3468.5	3498.8	3326.1	2905.1	2465.8	2244.7	2059.9	1881.2	1693.4	1538.9	1387.4
15°	3550.3	3501.8	3298.9	2865.7	2420.4	2117.5	1872.1	1654.0	1445.0	1242.0	1126.9
17.5°	3804.8	3680.6	3441.3	2865.7	2326.5	1923.6	1626.7	1369.2	1145.1	963.3	820.9
20°	4147.1	4004.7	3747.2	2971.7	2256.8	1781.2	1375.3	1051.2	817.9	648.3	539.2
22.5°	4498.5	4386.4	3998.6	3014.1	2175.0	1590.4	1084.5	760.3	545.3	436.2	381.7
25°	4919.5	4762.0	4337.9	3183.8	2053.8	1405.6	854.3	530.1	405.9	348.4	315.0
27.5°	5255.8	5228.5	4656.0	3286.8	1963.0	1254.1	675.5	421.1	336.2	293.8	272.6
30°	5679.9	5531.5	5043.7	3492.8	1860.0	1081.5	563.4	378.7	309.0	263.5	248.4
32.5°	5934.3	5864.7	5246.7	3607.9	1744.9	939.1	484.7	333.2	281.7	248.4	233.3
35°	6303.9	6164.6	5537.5	3680.6	1684.3	857.3	436.2	302.9	236.3	203.0	184.8
37.5°	6715.9	6664.4	5885.9	3677.5	1596.4	808.8	402.9	281.7	224.2	187.8	166.6
40°	7137.0	6927.9	6097.9	3762.4	1551.0	772.5	378.7	269.6	212.0	178.7	151.5
42.5°	7452.0	7212.7	6343.3	3732.1	1496.5	708.9	369.6	251.4	203.0	163.6	139.3
45°	7536.8	7452.0	6564.4	3723.0	1457.1	657.4	354.4	248.4	196.9	154.5	130.3
47.5°	7700.4	7642.9	6837.1	3738.1	1426.8	618.0	318.1	254.5	187.8	145.4	124.2
50°	7773.1	7670.1	7058.2	3774.5	1357.1	569.5	284.8	266.6	184.8	142.4	118.1
52.5°	8073.0	7982.1	7361.1	3877.5	1299.6	505.9	251.4	254.5	190.8	133.3	112.1
55°	8366.9	8263.9	7827.6	4113.8	1217.8	454.4	215.1	224.2	181.8	121.2	100.0
57.5°	8769.7	8600.1	8139.7	4210.7	1145.1	384.7	190.8	184.8	169.6	109.1	87.8
60°	8830.3	8900.0	8094.2	4150.1	1069.3	339.3	166.6	142.4	181.8	96.9	75.7
62.5°	9033.3	8742.5	7882.2	4010.8	1014.8	312.0	148.4	118.1	157.5	84.8	63.6
65°	8642.5	8427.4	7385.4	3562.4	945.1	315.0	130.3	96.9	100.0	69.7	51.5
67.5°	8070.0	7900.3	6561.4	3074.7	875.5	309.0	115.1	84.8	75.7	60.6	45.4
70°	7082.4	6715.9	5573.9	2496.1	772.5	287.8	96.9	75.7	63.6	48.5	33.3
72.5°	5152.8	5004.4	3998.6	1929.6	693.7	260.5	90.9	63.6	54.5	36.4	27.3
75°	3468.5	3223.1	2523.4	1266.2	557.4	227.2	75.7	57.6	42.4	27.3	21.2
77.5°	1832.7	1732.7	1429.8	602.8	309.0	106.0	42.4	33.3	24.2	21.2	12.1
80°	793.7	705.8	618.0	245.4	109.1	48.5	27.3	18.2	15.1	12.1	6.1
82.5°	405.9	387.7	321.1	106.0	63.6	36.4	15.1	12.1	9.1	6.1	3.0
85°	199.9	206.0	169.6	33.3	36.4	21.2	3.0	3.0	0.0	0.0	0.0
87.5°	15.1	15.1	12.1	6.1	9.1	3.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5
2.5°	3759.3	3801.7	3729.0	3774.5	3753.3	3762.4	3771.4	3747.2	3753.3	3838.1	3841.1
5°	3011.1	3092.9	3062.6	3105.0	3177.7	3141.4	3174.7	3168.6	3174.7	3186.8	3241.3
7.5°	2147.8	2123.5	2181.1	2293.2	2423.4	2502.2	2462.8	2441.6	2429.5	2399.2	2435.5
10°	1620.7	1608.5	1593.4	1626.7	1711.5	1799.4	1847.9	1766.1	1720.6	1663.1	1641.9
12.5°	1345.0	1269.3	1226.9	1175.4	1199.6	1278.4	1281.4	1202.6	1129.9	1099.6	1132.9
15°	1060.2	1008.7	933.0	860.3	824.0	884.5	833.1	757.3	663.4	651.3	648.3
17.5°	757.3	727.0	672.5	642.2	599.8	584.6	530.1	415.0	348.4	330.2	336.2
20°	515.0	490.7	487.7	460.4	442.3	430.2	342.3	266.6	245.4	248.4	251.4
22.5°	381.7	369.6	354.4	351.4	336.2	321.1	251.4	224.2	209.0	209.0	218.1
25°	312.0	306.0	290.8	284.8	278.7	257.5	212.0	190.8	184.8	178.7	187.8
27.5°	266.6	263.5	254.5	245.4	239.3	218.1	184.8	166.6	160.6	160.6	160.6
30°	239.3	239.3	227.2	209.0	209.0	184.8	157.5	145.4	139.3	139.3	136.3
32.5°	224.2	218.1	203.0	190.8	181.8	157.5	139.3	127.2	118.1	118.1	121.2
35°	181.8	181.8	178.7	169.6	157.5	133.3	118.1	106.0	100.0	96.9	100.0
37.5°	160.6	151.5	139.3	142.4	136.3	115.1	100.0	90.9	81.8	81.8	81.8
40°	145.4	136.3	124.2	115.1	112.1	103.0	87.8	72.7	63.6	60.6	60.6
42.5°	130.3	124.2	106.0	90.9	87.8	87.8	66.6	54.5	45.4	45.4	45.4
45°	121.2	112.1	96.9	78.8	63.6	66.6	54.5	39.4	33.3	30.3	30.3
47.5°	115.1	106.0	84.8	66.6	48.5	48.5	39.4	27.3	21.2	18.2	18.2
50°	106.0	96.9	75.7	54.5	36.4	30.3	24.2	15.1	9.1	6.1	6.1
52.5°	100.0	90.9	66.6	45.4	30.3	21.2	15.1	3.0	0.0	0.0	0.0
55°	90.9	78.8	57.6	36.4	24.2	12.1	3.0	0.0	0.0	0.0	0.0
57.5°	78.8	69.7	45.4	27.3	15.1	3.0	0.0	0.0	0.0	0.0	0.0
60°	66.6	57.6	36.4	21.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	54.5	48.5	27.3	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	45.4	36.4	21.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	39.4	30.3	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	30.3	21.2	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	21.2	15.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	15.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.0	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°	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5
2.5°	3853.2	3944.1	4028.9	4053.2	4119.8	4304.6	4304.6	4392.4	4550.0	4607.5	4619.6
5°	3250.4	3347.3	3365.5	3553.3	3641.2	3829.0	3953.2	4250.1	4428.8	4540.9	4610.6
7.5°	2471.9	2505.2	2574.9	2750.6	2923.2	3150.4	3386.7	3765.4	4080.4	4207.7	4443.9
10°	1699.4	1799.4	1950.9	2108.4	2378.0	2629.4	2935.4	3292.8	3680.6	3838.1	4041.1
12.5°	1145.1	1284.4	1526.8	1750.9	1999.3	2253.8	2544.6	3023.2	3462.5	3680.6	3883.5
15°	669.5	839.1	1048.1	1411.6	1741.8	2026.6	2317.4	2802.1	3335.2	3617.0	3865.4
17.5°	339.3	390.8	563.4	878.5	1314.7	1781.2	2214.4	2832.4	3432.2	3777.5	3983.5
20°	254.5	269.6	318.1	466.5	899.7	1472.2	2117.5	2877.8	3701.8	4122.8	4234.9
22.5°	221.1	233.3	254.5	302.9	505.9	1126.9	1981.1	2989.9	4068.3	4465.1	4701.4
25°	187.8	199.9	218.1	248.4	324.1	766.4	1814.5	3108.0	4395.5	4895.3	5116.4
27.5°	163.6	172.7	190.8	215.1	263.5	487.7	1526.8	3265.6	4895.3	5416.3	5473.9
30°	139.3	148.4	163.6	190.8	224.2	345.3	1120.8	3286.8	5171.0	5643.5	5804.1
32.5°	121.2	124.2	142.4	166.6	187.8	272.6	787.6	3308.0	5373.9	5937.4	5970.7
35°	100.0	106.0	124.2	139.3	163.6	215.1	596.8	3201.9	5637.5	6240.3	6231.2
37.5°	81.8	90.9	103.0	115.1	133.3	181.8	475.6	3005.0	5967.7	6709.8	6425.1
40°	63.6	72.7	84.8	100.0	112.1	163.6	357.5	2708.2	6313.0	6940.1	6637.1
42.5°	45.4	51.5	63.6	78.8	100.0	136.3	257.5	2356.8	6449.3	7209.7	6891.6
45°	33.3	39.4	48.5	66.6	103.0	109.1	178.7	2035.7	6594.7	7327.8	6834.0
47.5°	18.2	24.2	36.4	57.6	90.9	81.8	127.2	1747.9	6761.3	7433.8	6879.5
50°	6.1	9.1	21.2	60.6	72.7	63.6	100.0	1593.4	6924.9	7455.0	6970.4
52.5°	0.0	0.0	12.1	63.6	54.5	48.5	87.8	1532.8	6882.5	7521.7	6912.8
55°	0.0	0.0	3.0	27.3	30.3	36.4	72.7	1529.8	7182.4	7542.9	7227.8
57.5°	0.0	0.0	0.0	9.1	18.2	30.3	63.6	1432.8	7373.3	8070.0	7651.9
60°	0.0	0.0	0.0	3.0	12.1	21.2	48.5	1348.0	7567.1	8306.3	8106.3
62.5°	0.0	0.0	0.0	0.0	3.0	9.1	33.3	1217.8	7176.3	8288.1	8545.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	21.2	963.3	6455.4	7854.9	8303.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.1	666.4	5652.6	7309.6	7857.9
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	402.9	4562.1	6409.9	6664.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172.7	3256.5	5089.2	5467.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.7	2014.5	3719.9	4186.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3	1305.6	2817.2	3177.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	696.7	1766.1	2053.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	302.9	1072.4	1235.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.9	651.3	742.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	133.3
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: P599199
 CATALOG NUMBER: IFLD-S-SA2D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5	4295.5
2.5°	4625.7	4713.6	4746.9	4695.4	4701.4	4595.4	4580.3	4431.8	4371.2	4383.4
5°	4837.8	4965.0	5034.7	4977.1	4846.8	4643.9	4459.1	4283.4	4174.3	4119.8
7.5°	4789.3	4931.7	5019.5	5074.0	4925.6	4598.4	4316.7	3986.5	3847.2	3850.2
10°	4522.7	4819.6	4998.3	4928.6	4859.0	4531.8	4095.6	3738.1	3613.9	3626.0
12.5°	4307.6	4637.8	4743.8	4798.4	4656.0	4395.5	4101.6	3692.7	3553.3	3468.5
15°	4174.3	4419.7	4425.8	4510.6	4453.0	4453.0	4165.3	3765.4	3644.2	3550.3
17.5°	4174.3	4228.9	4222.8	4253.1	4350.0	4465.1	4325.8	4059.2	3819.9	3804.8
20°	4268.2	4098.6	4059.2	4071.3	4153.1	4495.4	4680.2	4347.0	4195.5	4147.1
22.5°	4486.4	4113.8	3874.4	3832.0	4083.5	4492.4	4907.4	4801.4	4537.9	4498.5
25°	4786.3	4086.5	3826.0	3771.4	3962.3	4601.5	5219.4	5240.6	5001.3	4919.5
27.5°	5071.0	4207.7	3819.9	3807.8	4059.2	4577.2	5434.5	5592.0	5322.4	5255.8
30°	5167.9	4328.8	3932.0	3771.4	4095.6	4665.1	5428.5	5840.4	5664.7	5679.9
32.5°	5283.1	4450.0	3944.1	3880.5	4250.1	4807.5	5601.1	6240.3	6113.1	5934.3
35°	5452.7	4613.6	4059.2	4001.7	4359.1	4934.7	5637.5	6534.1	6512.9	6303.9
37.5°	5598.1	4774.1	4298.5	4307.6	4692.3	5140.7	5798.0	6894.6	6858.3	6715.9
40°	5701.1	4998.3	4671.1	4695.4	4983.2	5370.9	6082.8	7076.4	7346.0	7137.0
42.5°	5716.2	5198.2	5098.3	5292.1	5561.7	5728.4	6197.9	7200.6	7588.3	7452.0
45°	5773.8	5516.3	5795.0	5937.4	6158.5	6043.4	6191.8	7412.6	7606.5	7536.8
47.5°	5998.0	6094.9	6446.3	6879.5	6958.2	6579.6	6337.2	7446.0	7709.5	7700.4
50°	6231.2	6715.9	7209.7	7497.5	7597.4	6949.2	6473.6	7418.7	7845.8	7773.1
52.5°	6491.7	7255.1	7967.0	8321.4	8266.9	7358.1	6628.1	7639.8	8097.2	8073.0
55°	6655.3	7497.5	8454.7	8948.5	8906.1	7815.5	7118.8	7957.9	8427.4	8366.9
57.5°	7088.5	7891.3	8939.4	9169.6	9281.7	8415.3	7461.1	8478.9	8703.1	8769.7
60°	7446.0	8148.7	9066.6	9399.8	9439.2	8772.8	8060.9	9015.1	9054.5	8830.3
62.5°	7970.0	8248.7	8797.0	9096.9	9299.9	8975.7	8600.1	9302.9	9048.4	9033.3
65°	8354.7	7921.6	8294.2	8460.8	8591.0	8666.8	9142.3	9499.8	8936.4	8642.5
67.5°	8139.7	7303.6	7233.9	7243.0	7282.4	7739.8	8960.6	9018.1	8312.3	8070.0
70°	7164.2	5991.9	5898.0	5970.7	5773.8	6325.1	8224.5	8197.2	7333.9	7082.4
72.5°	5795.0	4368.2	4207.7	4307.6	4353.1	4937.7	6918.9	6216.1	5349.7	5152.8
75°	4604.5	3201.9	2702.1	2944.5	3098.9	3595.7	5404.2	4222.8	3735.1	3468.5
77.5°	3617.0	2423.4	2102.3	2005.4	2147.8	2614.3	3932.0	2217.4	1956.9	1832.7
80°	2293.2	1781.2	1932.7	1793.3	1853.9	1866.0	2047.8	1008.7	802.8	793.7
82.5°	1381.3	1217.8	1448.0	796.7	1451.0	1296.5	851.2	457.4	405.9	405.9
85°	978.5	754.3	499.8	324.1	645.2	711.9	330.2	236.3	206.0	199.9
87.5°	490.7	233.3	112.1	72.7	81.8	133.3	39.4	18.2	18.2	15.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)