

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: P599204

Luminaire Tested: **IFLD-S-SA3D-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: P599204
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3D-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

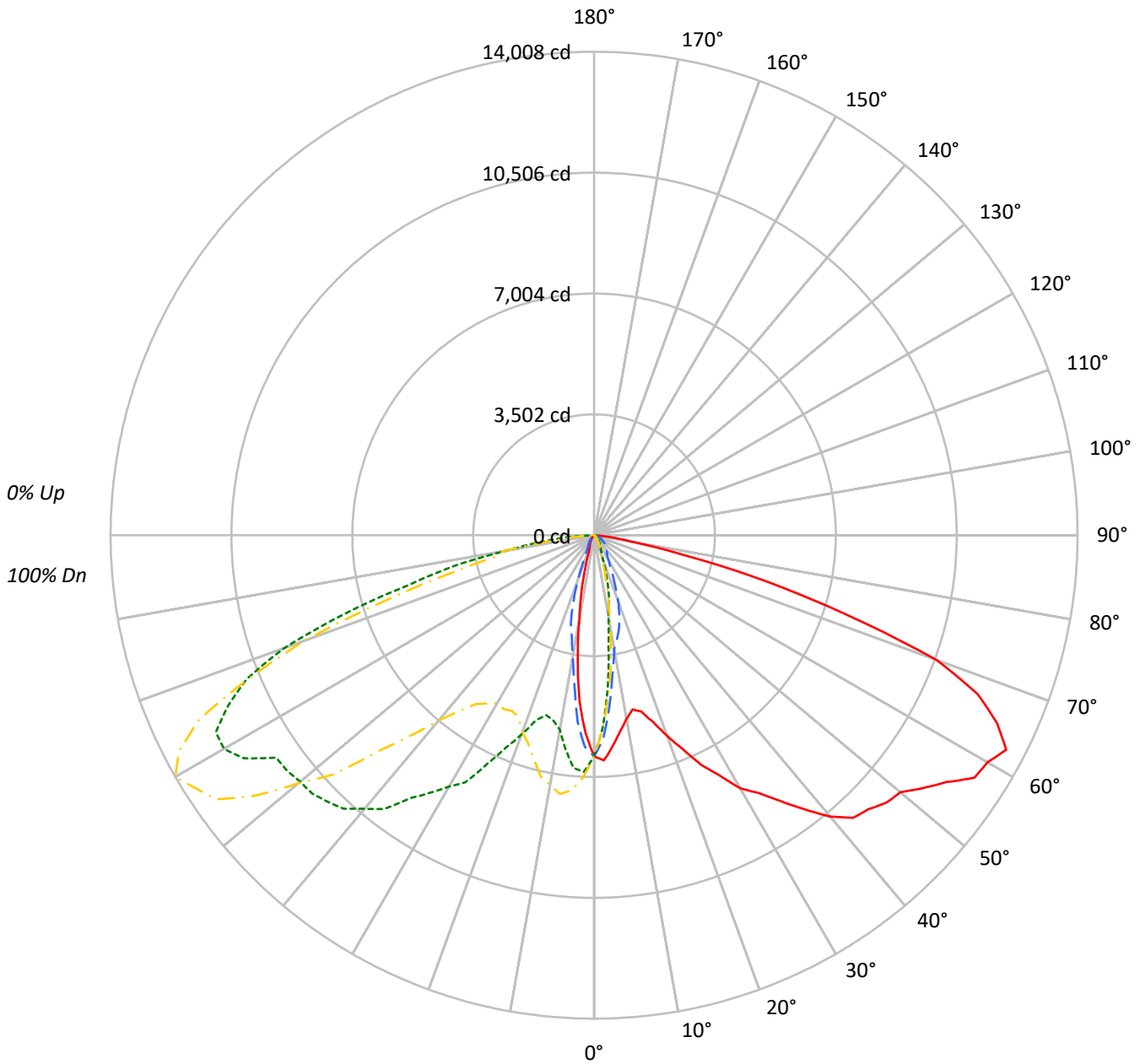
Lumens per Lamp: N/A
 Luminaire Lumens: 16744.6 lumens
 Efficiency: N/A
 Efficacy: 91.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 184.1
 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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 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR-HSS

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°	91872	91872	91872	91872
5°	88451	64647	69590	97492
10°	78751	35197	35658	83356
15°	78613	23476	14354	80088
20°	94390	11722	5723	93839
25°	116097	7364	4432	115525
30°	140275	5910	3366	139378
35°	164596	4746	2611	162935
40°	199266	4060	1692	193767
45°	227970	3666	915	221647
50°	258643	3528	201	248059
55°	311991	3388	0	281267
60°	377727	2850	0	355310
65°	437384	2299	0	397526
70°	442897	1892	0	400843
75°	286628	1253	0	307406
80°	97757	372	0	217524
85°	49071	0	0	159828

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	484.9	2.9
10°-20°	939.0	5.6
20°-30°	1307.8	7.8
30°-40°	1858.2	11.1
40°-50°	2576.8	15.4
50°-60°	3511.0	21.0
60°-70°	3860.1	23.1
70°-80°	1897.2	11.3
80°-90°	309.8	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°	2731.6	16.3
0°-40°	4589.8	27.4
0°-60°	10677.6	63.8
0°-90°	16744.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16744.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6401	6401	6401	6401	6401	
5°	6140	4487	4830	6767	6140	562
15°	5291	1580	966	5390	5291	1566
25°	7331	465	280	7295	7331	3409
35°	9394	271	149	9300	9394	5963
45°	11232	181	45	10920	11232	8707
55°	12469	135	0	11241	12469	11216
65°	12880	68	0	11706	12880	12447
75°	5169	23	0	5544	5169	5635
85°	298	0	0	971	298	412
90°	0	0	0	0	0	

TEST NUMBER: P599204
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4
2.5°	6532.4	6609.1	6536.9	6284.1	6238.9	6117.0	5931.9	5918.4	5724.3	5746.9	5643.0
5°	6139.6	6216.4	6062.9	5728.8	5417.3	5169.0	5020.0	4753.7	4695.0	4564.1	4564.1
7.5°	5737.8	5733.3	5471.5	5191.6	4726.6	4270.6	4063.0	3679.2	3453.5	3331.6	3214.3
10°	5403.8	5331.5	5169.0	4591.2	4085.5	3611.5	3354.2	3101.4	2866.7	2663.5	2460.4
12.5°	5169.0	5214.2	4956.8	4329.3	3674.7	3345.2	3069.8	2803.5	2523.6	2293.3	2067.6
15°	5290.9	5218.7	4916.2	4270.6	3607.0	3155.6	2789.9	2464.9	2153.4	1850.9	1679.4
17.5°	5670.1	5485.0	5128.4	4270.6	3467.1	2866.7	2424.2	2040.5	1706.4	1435.6	1223.4
20°	6180.2	5968.1	5584.3	4428.6	3363.2	2654.5	2049.5	1566.5	1218.9	966.1	803.6
22.5°	6703.9	6536.9	5959.0	4491.8	3241.4	2370.1	1616.2	1133.1	812.6	650.1	568.8
25°	7331.4	7096.7	6464.6	4744.7	3060.8	2094.7	1273.1	790.0	604.9	519.2	469.5
27.5°	7832.5	7791.9	6938.7	4898.1	2925.3	1869.0	1006.7	627.5	501.1	437.9	406.3
30°	8464.5	8243.3	7516.5	5205.1	2771.9	1611.6	839.7	564.3	460.5	392.8	370.2
32.5°	8843.7	8739.9	7819.0	5376.7	2600.3	1399.5	722.3	496.6	419.8	370.2	347.6
35°	9394.5	9186.8	8252.4	5485.0	2510.0	1277.6	650.1	451.4	352.1	302.5	275.4
37.5°	10008.5	9931.7	8771.5	5480.5	2379.1	1205.3	600.4	419.8	334.1	279.9	248.3
40°	10636.0	10324.5	9087.5	5606.9	2311.4	1151.2	564.3	401.8	316.0	266.4	225.7
42.5°	11105.5	10748.8	9453.2	5561.8	2230.1	1056.4	550.8	374.7	302.5	243.8	207.7
45°	11231.9	11105.5	9782.7	5548.2	2171.4	979.6	528.2	370.2	293.4	230.2	194.1
47.5°	11475.6	11389.9	10189.0	5570.8	2126.3	920.9	474.0	379.2	279.9	216.7	185.1
50°	11584.0	11430.5	10518.6	5625.0	2022.5	848.7	424.4	397.3	275.4	212.2	176.1
52.5°	12030.9	11895.5	10970.0	5778.5	1936.7	753.9	374.7	379.2	284.4	198.6	167.0
55°	12468.8	12315.3	11665.3	6130.6	1814.8	677.2	320.5	334.1	270.9	180.6	149.0
57.5°	13069.2	12816.4	12130.2	6275.0	1706.4	573.3	284.4	275.4	252.8	162.5	130.9
60°	13159.5	13263.4	12062.5	6184.7	1593.6	505.6	248.3	212.2	270.9	144.5	112.9
62.5°	13462.0	13028.6	11746.5	5977.1	1512.3	465.0	221.2	176.1	234.7	126.4	94.8
65°	12879.6	12559.1	11006.1	5309.0	1408.5	469.5	194.1	144.5	149.0	103.8	76.7
67.5°	12026.4	11773.6	9778.2	4582.1	1304.7	460.5	171.5	126.4	112.9	90.3	67.7
70°	10554.7	10008.5	8306.5	3719.9	1151.2	428.9	144.5	112.9	94.8	72.2	49.7
72.5°	7679.0	7457.8	5959.0	2875.7	1033.8	388.2	135.4	94.8	81.3	54.2	40.6
75°	5169.0	4803.3	3760.5	1887.0	830.7	338.6	112.9	85.8	63.2	40.6	31.6
77.5°	2731.2	2582.2	2130.8	898.4	460.5	158.0	63.2	49.7	36.1	31.6	18.1
80°	1182.8	1051.9	920.9	365.7	162.5	72.2	40.6	27.1	22.6	18.1	9.0
82.5°	604.9	577.8	478.5	158.0	94.8	54.2	22.6	18.1	13.5	9.0	4.5
85°	298.0	307.0	252.8	49.7	54.2	31.6	4.5	4.5	0.0	0.0	0.0
87.5°	22.6	22.6	18.1	9.0	13.5	4.5	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

TEST NUMBER: P599204
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4
2.5°	5602.4	5665.6	5557.2	5625.0	5593.4	5606.9	5620.4	5584.3	5593.4	5719.8	5724.3
5°	4487.3	4609.2	4564.1	4627.3	4735.6	4681.4	4731.1	4722.1	4731.1	4749.2	4830.4
7.5°	3200.7	3164.6	3250.4	3417.4	3611.5	3728.9	3670.2	3638.6	3620.6	3575.4	3629.6
10°	2415.2	2397.2	2374.6	2424.2	2550.6	2681.6	2753.8	2631.9	2564.2	2478.4	2446.8
12.5°	2004.4	1891.5	1828.3	1751.6	1787.7	1905.1	1909.6	1792.2	1683.9	1638.7	1688.4
15°	1580.0	1503.3	1390.4	1282.1	1227.9	1318.2	1241.5	1128.6	988.7	970.6	966.1
17.5°	1128.6	1083.5	1002.2	957.1	893.9	871.3	790.0	618.5	519.2	492.1	501.1
20°	767.5	731.3	726.8	686.2	659.1	641.0	510.1	397.3	365.7	370.2	374.7
22.5°	568.8	550.8	528.2	523.7	501.1	478.5	374.7	334.1	311.5	311.5	325.0
25°	465.0	456.0	433.4	424.4	415.3	383.7	316.0	284.4	275.4	266.4	279.9
27.5°	397.3	392.8	379.2	365.7	356.6	325.0	275.4	248.3	239.3	239.3	239.3
30°	356.6	356.6	338.6	311.5	311.5	275.4	234.7	216.7	207.7	207.7	203.1
32.5°	334.1	325.0	302.5	284.4	270.9	234.7	207.7	189.6	176.1	176.1	180.6
35°	270.9	270.9	266.4	252.8	234.7	198.6	176.1	158.0	149.0	144.5	149.0
37.5°	239.3	225.7	207.7	212.2	203.1	171.5	149.0	135.4	121.9	121.9	121.9
40°	216.7	203.1	185.1	171.5	167.0	153.5	130.9	108.3	94.8	90.3	90.3
42.5°	194.1	185.1	158.0	135.4	130.9	130.9	99.3	81.3	67.7	67.7	67.7
45°	180.6	167.0	144.5	117.4	94.8	99.3	81.3	58.7	49.7	45.1	45.1
47.5°	171.5	158.0	126.4	99.3	72.2	72.2	58.7	40.6	31.6	27.1	27.1
50°	158.0	144.5	112.9	81.3	54.2	45.1	36.1	22.6	13.5	9.0	9.0
52.5°	149.0	135.4	99.3	67.7	45.1	31.6	22.6	4.5	0.0	0.0	0.0
55°	135.4	117.4	85.8	54.2	36.1	18.1	4.5	0.0	0.0	0.0	0.0
57.5°	117.4	103.8	67.7	40.6	22.6	4.5	0.0	0.0	0.0	0.0	0.0
60°	99.3	85.8	54.2	31.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	81.3	72.2	40.6	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	67.7	54.2	31.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	58.7	45.1	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	45.1	31.6	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	31.6	22.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	22.6	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.5	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

TEST NUMBER: P599204
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4
2.5°	5742.3	5877.8	6004.2	6040.3	6139.6	6415.0	6415.0	6545.9	6780.7	6866.4	6884.5
5°	4844.0	4988.4	5015.5	5295.4	5426.3	5706.2	5891.3	6333.7	6600.1	6767.1	6870.9
7.5°	3683.8	3733.4	3837.3	4099.1	4356.4	4695.0	5047.1	5611.4	6080.9	6270.5	6622.6
10°	2532.6	2681.6	2907.3	3142.0	3543.8	3918.5	4374.5	4907.2	5485.0	5719.8	6022.2
12.5°	1706.4	1914.1	2275.3	2609.3	2979.5	3358.7	3792.1	4505.4	5160.0	5485.0	5787.5
15°	997.7	1250.5	1562.0	2103.7	2595.8	3020.1	3453.5	4175.8	4970.4	5390.2	5760.4
17.5°	505.6	582.4	839.7	1309.2	1959.3	2654.5	3300.0	4221.0	5114.8	5629.5	5936.5
20°	379.2	401.8	474.0	695.2	1340.8	2194.0	3155.6	4288.7	5516.6	6144.1	6311.2
22.5°	329.6	347.6	379.2	451.4	753.9	1679.4	2952.4	4455.7	6062.9	6654.2	7006.4
25°	279.9	298.0	325.0	370.2	483.0	1142.1	2704.1	4631.8	6550.4	7295.3	7624.8
27.5°	243.8	257.3	284.4	320.5	392.8	726.8	2275.3	4866.5	7295.3	8071.8	8157.5
30°	207.7	221.2	243.8	284.4	334.1	514.6	1670.3	4898.1	7706.1	8410.4	8649.6
32.5°	180.6	185.1	212.2	248.3	279.9	406.3	1173.7	4929.7	8008.6	8848.3	8897.9
35°	149.0	158.0	185.1	207.7	243.8	320.5	889.3	4771.7	8401.3	9299.7	9286.2
37.5°	121.9	135.4	153.5	171.5	198.6	270.9	708.8	4478.3	8893.4	9999.4	9575.1
40°	94.8	108.3	126.4	149.0	167.0	243.8	532.7	4035.9	9408.0	10342.5	9891.1
42.5°	67.7	76.7	94.8	117.4	149.0	203.1	383.7	3512.2	9611.2	10744.3	10270.3
45°	49.7	58.7	72.2	99.3	153.5	162.5	266.4	3033.7	9827.9	10920.4	10184.5
47.5°	27.1	36.1	54.2	85.8	135.4	121.9	189.6	2604.8	10076.2	11078.4	10252.2
50°	9.0	13.5	31.6	90.3	108.3	94.8	149.0	2374.6	10320.0	11110.0	10387.7
52.5°	0.0	0.0	18.1	94.8	81.3	72.2	130.9	2284.3	10256.8	11209.3	10301.9
55°	0.0	0.0	4.5	40.6	45.1	54.2	108.3	2279.8	10703.7	11240.9	10771.4
57.5°	0.0	0.0	0.0	13.5	27.1	45.1	94.8	2135.3	10988.1	12026.4	11403.4
60°	0.0	0.0	0.0	4.5	18.1	31.6	72.2	2008.9	11277.0	12378.5	12080.6
62.5°	0.0	0.0	0.0	0.0	4.5	13.5	49.7	1814.8	10694.7	12351.4	12735.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	31.6	1435.6	9620.2	11705.9	12374.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.1	993.2	8423.9	10893.3	11710.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	600.4	6798.7	9552.5	9931.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	257.3	4853.0	7584.2	8148.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103.8	3002.1	5543.7	6238.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.6	1945.7	4198.4	4735.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	1038.3	2631.9	3060.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	451.4	1598.1	1841.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.5	970.6	1106.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	149.0	198.6
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: P599204
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4	6401.4
2.5°	6893.5	7024.4	7074.1	6997.3	7006.4	6848.4	6825.8	6604.6	6514.3	6532.4
5°	7209.5	7399.1	7503.0	7417.2	7223.1	6920.6	6645.2	6383.4	6220.9	6139.6
7.5°	7137.3	7349.5	7480.4	7561.6	7340.4	6852.9	6433.0	5941.0	5733.3	5737.8
10°	6740.0	7182.4	7448.8	7345.0	7241.1	6753.6	6103.5	5570.8	5385.7	5403.8
12.5°	6419.5	6911.6	7069.6	7150.8	6938.7	6550.4	6112.5	5503.1	5295.4	5169.0
15°	6220.9	6586.5	6595.6	6722.0	6636.2	6636.2	6207.3	5611.4	5430.8	5290.9
17.5°	6220.9	6302.1	6293.1	6338.2	6482.7	6654.2	6446.6	6049.3	5692.7	5670.1
20°	6360.8	6108.0	6049.3	6067.4	6189.3	6699.4	6974.8	6478.2	6252.5	6180.2
22.5°	6685.8	6130.6	5773.9	5710.7	6085.4	6694.9	7313.4	7155.3	6762.6	6703.9
25°	7132.8	6089.9	5701.7	5620.4	5904.9	6857.4	7778.3	7809.9	7453.3	7331.4
27.5°	7557.1	6270.5	5692.7	5674.6	6049.3	6821.3	8098.9	8333.6	7931.8	7832.5
30°	7701.6	6451.1	5859.7	5620.4	6103.5	6952.2	8089.8	8703.8	8442.0	8464.5
32.5°	7873.1	6631.7	5877.8	5783.0	6333.7	7164.4	8347.2	9299.7	9110.1	8843.7
35°	8125.9	6875.5	6049.3	5963.5	6496.2	7354.0	8401.3	9737.6	9706.0	9394.5
37.5°	8342.6	7114.7	6406.0	6419.5	6992.8	7661.0	8640.6	10274.8	10220.6	10008.5
40°	8496.1	7448.8	6961.2	6997.3	7426.2	8004.1	9064.9	10545.7	10947.5	10636.0
42.5°	8518.7	7746.7	7597.8	7886.7	8288.5	8536.8	9236.5	10730.8	11308.6	11105.5
45°	8604.5	8220.8	8636.1	8848.3	9177.8	9006.3	9227.5	11046.8	11335.7	11231.9
47.5°	8938.5	9083.0	9606.7	10252.2	10369.6	9805.3	9444.2	11096.4	11489.2	11475.6
50°	9286.2	10008.5	10744.3	11173.2	11322.2	10356.1	9647.3	11055.8	11692.3	11584.0
52.5°	9674.4	10812.0	11872.9	12401.1	12319.8	10965.5	9877.5	11385.4	12067.0	12030.9
55°	9918.2	11173.2	12599.7	13335.6	13272.4	11647.2	10608.9	11859.4	12559.1	12468.8
57.5°	10563.7	11760.1	13322.0	13665.1	13832.2	12541.0	11119.0	12635.8	12969.9	13069.2
60°	11096.4	12143.8	13511.6	14008.2	14066.9	13073.7	12012.9	13434.9	13493.6	13159.5
62.5°	11877.4	12292.8	13109.9	13556.8	13859.3	13376.2	12816.4	13863.8	13484.6	13462.0
65°	12450.8	11805.2	12360.5	12608.8	12802.9	12915.7	13624.5	14157.2	13317.5	12879.6
67.5°	12130.2	10884.3	10780.4	10794.0	10852.7	11534.3	13353.6	13439.4	12387.6	12026.4
70°	10676.6	8929.5	8789.6	8897.9	8604.5	9426.1	12256.6	12216.0	10929.4	10554.7
72.5°	8636.1	6509.8	6270.5	6419.5	6487.2	7358.5	10310.9	9263.6	7972.5	7679.0
75°	6861.9	4771.7	4026.9	4388.0	4618.2	5358.6	8053.7	6293.1	5566.3	5169.0
77.5°	5390.2	3611.5	3133.0	2988.5	3200.7	3895.9	5859.7	3304.6	2916.3	2731.2
80°	3417.4	2654.5	2880.2	2672.5	2762.8	2780.9	3051.7	1503.3	1196.3	1182.8
82.5°	2058.6	1814.8	2157.9	1187.3	2162.4	1932.2	1268.6	681.7	604.9	604.9
85°	1458.2	1124.1	744.9	483.0	961.6	1060.9	492.1	352.1	307.0	298.0
87.5°	731.3	347.6	167.0	108.3	121.9	198.6	58.7	27.1	27.1	22.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)