

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: P599233

Luminaire Tested: **IFLD-S-SA3D-740-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: P599233
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3D-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

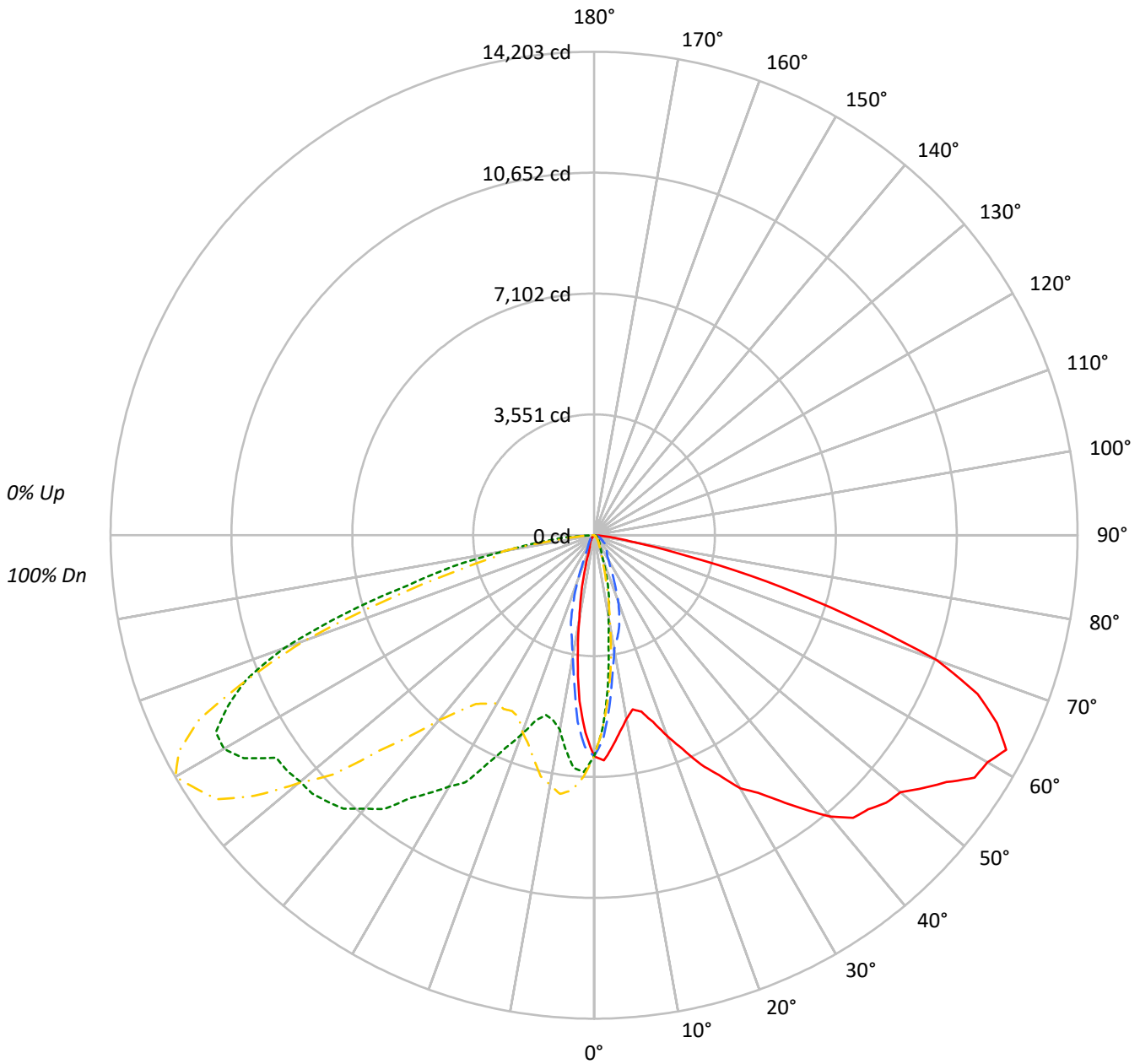
Lumens per Lamp: N/A
 Luminaire Lumens: 16977.2 lumens
 Efficiency: N/A
 Efficacy: 92.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

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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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	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°	93149	93149	93149	93149
5°	89680	65546	70557	98846
10°	79844	35687	36153	84513
15°	79705	23803	14554	81201
20°	95702	11884	5802	95143
25°	117709	7465	4494	117129
30°	142224	5992	3414	141314
35°	166882	4811	2646	165198
40°	202033	4116	1714	196460
45°	231136	3716	930	224726
50°	262235	3577	205	251504
55°	316325	3435	0	285173
60°	382974	2890	0	360247
65°	443460	2333	0	403048
70°	449049	1922	0	406411
75°	290610	1270	0	311676
80°	99113	380	0	220549
85°	49747	0	0	162051

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	491.7	2.9
10°-20°	952.0	5.6
20°-30°	1325.9	7.8
30°-40°	1884.0	11.1
40°-50°	2612.6	15.4
50°-60°	3559.7	21.0
60°-70°	3913.7	23.1
70°-80°	1923.5	11.3
80°-90°	314.1	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°	2769.6	16.3
0°-40°	4653.6	27.4
0°-60°	10825.9	63.8
0°-90°	16977.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16977.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6490	6490	6490	6490	6490	
5°	6225	4550	4898	6861	6225	570
15°	5364	1602	980	5465	5364	1588
25°	7433	471	284	7397	7433	3456
35°	9525	275	151	9429	9525	6046
45°	11388	183	46	11072	11388	8828
55°	12642	137	0	11397	12642	11372
65°	13058	69	0	11868	13058	12620
75°	5241	23	0	5621	5241	5714
85°	302	0	0	984	302	418
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°	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4
2.5°	6623.1	6700.9	6627.7	6371.4	6325.6	6202.0	6014.3	6000.6	5803.8	5826.7	5721.4
5°	6224.9	6302.7	6147.1	5808.4	5492.5	5240.8	5089.8	4819.7	4760.2	4627.5	4627.5
7.5°	5817.5	5812.9	5547.5	5263.7	4792.2	4330.0	4119.4	3730.4	3501.5	3377.9	3258.9
10°	5478.8	5405.6	5240.8	4654.9	4142.3	3661.7	3400.8	3144.5	2906.5	2700.5	2494.5
12.5°	5240.8	5286.6	5025.7	4389.5	3725.8	3391.6	3112.4	2842.4	2558.6	2325.2	2096.3
15°	5364.4	5291.2	4984.5	4330.0	3657.1	3199.4	2828.7	2499.1	2183.3	1876.6	1702.7
17.5°	5748.9	5561.2	5199.6	4330.0	3515.2	2906.5	2457.9	2068.9	1730.2	1455.5	1240.4
20°	6266.1	6051.0	5661.9	4490.2	3410.0	2691.3	2078.0	1588.3	1235.8	979.5	814.7
22.5°	6797.0	6627.7	6041.8	4554.2	3286.4	2403.0	1638.6	1148.9	823.9	659.1	576.7
25°	7433.2	7195.2	6554.4	4810.6	3103.3	2123.8	1290.7	801.0	613.3	526.4	476.0
27.5°	7941.3	7900.1	7035.0	4966.2	2966.0	1894.9	1020.7	636.2	508.1	444.0	411.9
30°	8582.1	8357.8	7620.9	5277.4	2810.4	1634.0	851.3	572.1	466.9	398.2	375.3
32.5°	8966.6	8861.3	7927.6	5451.4	2636.4	1418.9	732.3	503.5	425.7	375.3	352.4
35°	9525.0	9314.4	8367.0	5561.2	2544.9	1295.3	659.1	457.7	357.0	306.7	279.2
37.5°	10147.5	10069.7	8893.3	5556.6	2412.1	1222.1	608.8	425.7	338.7	283.8	251.7
40°	10783.7	10467.9	9213.7	5684.8	2343.5	1167.2	572.1	407.4	320.4	270.1	228.9
42.5°	11259.7	10898.1	9584.5	5639.0	2261.1	1071.0	558.4	379.9	306.7	247.2	210.5
45°	11387.9	11259.7	9918.6	5625.3	2201.6	993.2	535.5	375.3	297.5	233.4	196.8
47.5°	11635.0	11548.1	10330.6	5648.2	2155.8	933.7	480.6	384.5	283.8	219.7	187.7
50°	11744.9	11589.3	10664.7	5703.1	2050.6	860.5	430.2	402.8	279.2	215.1	178.5
52.5°	12198.0	12060.7	11122.4	5858.7	1963.6	764.4	379.9	384.5	288.4	201.4	169.4
55°	12642.0	12486.4	11827.3	6215.7	1840.0	686.6	325.0	338.7	274.6	183.1	151.0
57.5°	13250.8	12994.5	12298.7	6362.2	1730.2	581.3	288.4	279.2	256.3	164.8	132.7
60°	13342.3	13447.6	12230.1	6270.7	1615.7	512.6	251.7	215.1	274.6	146.5	114.4
62.5°	13649.0	13209.6	11909.7	6060.1	1533.3	471.4	224.3	178.5	238.0	128.2	96.1
65°	13058.5	12733.6	11159.0	5382.7	1428.1	476.0	196.8	146.5	151.0	105.3	77.8
67.5°	12193.5	11937.1	9914.0	4645.8	1322.8	466.9	173.9	128.2	114.4	91.5	68.7
70°	10701.3	10147.5	8421.9	3771.5	1167.2	434.8	146.5	114.4	96.1	73.2	50.3
72.5°	7785.7	7561.4	6041.8	2915.6	1048.2	393.6	137.3	96.1	82.4	54.9	41.2
75°	5240.8	4870.1	3812.7	1913.2	842.2	343.3	114.4	87.0	64.1	41.2	32.0
77.5°	2769.2	2618.1	2160.4	910.8	466.9	160.2	64.1	50.3	36.6	32.0	18.3
80°	1199.2	1066.5	933.7	370.7	164.8	73.2	41.2	27.5	22.9	18.3	9.2
82.5°	613.3	585.9	485.2	160.2	96.1	54.9	22.9	18.3	13.7	9.2	4.6
85°	302.1	311.2	256.3	50.3	54.9	32.0	4.6	4.6	0.0	0.0	0.0
87.5°	22.9	22.9	18.3	9.2	13.7	4.6	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°	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4
2.5°	5680.2	5744.3	5634.4	5703.1	5671.1	5684.8	5698.5	5661.9	5671.1	5799.2	5803.8
5°	4549.7	4673.2	4627.5	4691.6	4801.4	4746.5	4796.8	4787.7	4796.8	4815.1	4897.5
7.5°	3245.2	3208.6	3295.5	3464.9	3661.7	3780.7	3721.2	3689.2	3670.9	3625.1	3680.0
10°	2448.8	2430.5	2407.6	2457.9	2586.1	2718.8	2792.0	2668.5	2599.8	2512.8	2480.8
12.5°	2032.2	1917.8	1853.7	1775.9	1812.5	1931.5	1936.1	1817.1	1707.3	1661.5	1711.8
15°	1602.0	1524.2	1409.8	1299.9	1245.0	1336.5	1258.7	1144.3	1002.4	984.1	979.5
17.5°	1144.3	1098.5	1016.1	970.3	906.3	883.4	801.0	627.1	526.4	498.9	508.1
20°	778.1	741.5	736.9	695.7	668.3	650.0	517.2	402.8	370.7	375.3	379.9
22.5°	576.7	558.4	535.5	530.9	508.1	485.2	379.9	338.7	315.8	315.8	329.6
25°	471.4	462.3	439.4	430.2	421.1	389.1	320.4	288.4	279.2	270.1	283.8
27.5°	402.8	398.2	384.5	370.7	361.6	329.6	279.2	251.7	242.6	242.6	242.6
30°	361.6	361.6	343.3	315.8	315.8	279.2	238.0	219.7	210.5	210.5	206.0
32.5°	338.7	329.6	306.7	288.4	274.6	238.0	210.5	192.2	178.5	178.5	183.1
35°	274.6	274.6	270.1	256.3	238.0	201.4	178.5	160.2	151.0	146.5	151.0
37.5°	242.6	228.9	210.5	215.1	206.0	173.9	151.0	137.3	123.6	123.6	123.6
40°	219.7	206.0	187.7	173.9	169.4	155.6	132.7	109.9	96.1	91.5	91.5
42.5°	196.8	187.7	160.2	137.3	132.7	132.7	100.7	82.4	68.7	68.7	68.7
45°	183.1	169.4	146.5	119.0	96.1	100.7	82.4	59.5	50.3	45.8	45.8
47.5°	173.9	160.2	128.2	100.7	73.2	73.2	59.5	41.2	32.0	27.5	27.5
50°	160.2	146.5	114.4	82.4	54.9	45.8	36.6	22.9	13.7	9.2	9.2
52.5°	151.0	137.3	100.7	68.7	45.8	32.0	22.9	4.6	0.0	0.0	0.0
55°	137.3	119.0	87.0	54.9	36.6	18.3	4.6	0.0	0.0	0.0	0.0
57.5°	119.0	105.3	68.7	41.2	22.9	4.6	0.0	0.0	0.0	0.0	0.0
60°	100.7	87.0	54.9	32.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	82.4	73.2	41.2	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	68.7	54.9	32.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	59.5	45.8	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	45.8	32.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	32.0	22.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	22.9	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	13.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.6	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°	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4
2.5°	5822.1	5959.4	6087.6	6124.2	6224.9	6504.1	6504.1	6636.8	6874.8	6961.8	6980.1
5°	4911.3	5057.7	5085.2	5369.0	5501.7	5785.5	5973.1	6421.7	6691.8	6861.1	6966.4
7.5°	3734.9	3785.3	3890.6	4156.0	4416.9	4760.2	5117.2	5689.4	6165.4	6357.6	6714.6
10°	2567.8	2718.8	2947.7	3185.7	3593.0	3972.9	4435.2	4975.3	5561.2	5799.2	6105.9
12.5°	1730.2	1940.7	2306.9	2645.6	3020.9	3405.4	3844.8	4568.0	5231.7	5561.2	5867.9
15°	1011.5	1267.9	1583.7	2132.9	2631.8	3062.1	3501.5	4233.8	5039.4	5465.1	5840.4
17.5°	512.6	590.4	851.3	1327.4	1986.5	2691.3	3345.9	4279.6	5185.9	5707.7	6018.9
20°	384.5	407.4	480.6	704.9	1359.4	2224.5	3199.4	4348.3	5593.2	6229.5	6398.8
22.5°	334.1	352.4	384.5	457.7	764.4	1702.7	2993.4	4517.6	6147.1	6746.7	7103.7
25°	283.8	302.1	329.6	375.3	489.8	1158.0	2741.7	4696.1	6641.4	7396.6	7730.8
27.5°	247.2	260.9	288.4	325.0	398.2	736.9	2306.9	4934.1	7396.6	8183.9	8270.9
30°	210.5	224.3	247.2	288.4	338.7	521.8	1693.5	4966.2	7813.1	8527.2	8769.8
32.5°	183.1	187.7	215.1	251.7	283.8	411.9	1190.1	4998.2	8119.8	8971.2	9021.5
35°	151.0	160.2	187.7	210.5	247.2	325.0	901.7	4838.0	8518.0	9428.9	9415.1
37.5°	123.6	137.3	155.6	173.9	201.4	274.6	718.6	4540.5	9016.9	10138.3	9708.1
40°	96.1	109.9	128.2	151.0	169.4	247.2	540.1	4091.9	9538.7	10486.2	10028.5
42.5°	68.7	77.8	96.1	119.0	151.0	206.0	389.1	3561.0	9744.7	10893.6	10413.0
45°	50.3	59.5	73.2	100.7	155.6	164.8	270.1	3075.8	9964.4	11072.1	10326.0
47.5°	27.5	36.6	54.9	87.0	137.3	123.6	192.2	2641.0	10216.1	11232.3	10394.6
50°	9.2	13.7	32.0	91.5	109.9	96.1	151.0	2407.6	10463.3	11264.3	10532.0
52.5°	0.0	0.0	18.3	96.1	82.4	73.2	132.7	2316.0	10399.2	11365.0	10445.0
55°	0.0	0.0	4.6	41.2	45.8	54.9	109.9	2311.4	10852.4	11397.0	10921.0
57.5°	0.0	0.0	0.0	13.7	27.5	45.8	96.1	2165.0	11140.7	12193.5	11561.8
60°	0.0	0.0	0.0	4.6	18.3	32.0	73.2	2036.8	11433.7	12550.5	12248.4
62.5°	0.0	0.0	0.0	0.0	4.6	13.7	50.3	1840.0	10843.2	12523.0	12912.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	32.0	1455.5	9753.8	11868.5	12545.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.3	1007.0	8540.9	11044.6	11873.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	608.8	6893.1	9685.2	10069.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260.9	4920.4	7689.6	8261.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105.3	3043.8	5620.7	6325.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.2	1972.7	4256.7	4801.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	1052.7	2668.5	3103.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	457.7	1620.3	1867.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146.5	984.1	1121.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151.0	201.4
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: P599233
 CATALOG NUMBER: IFLD-S-SA3D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4	6490.4
2.5°	6989.3	7122.0	7172.4	7094.5	7103.7	6943.5	6920.6	6696.3	6604.8	6623.1
5°	7309.7	7501.9	7607.2	7520.2	7323.4	7016.7	6737.5	6472.1	6307.3	6224.9
7.5°	7236.4	7451.6	7584.3	7666.7	7442.4	6948.1	6522.4	6023.5	5812.9	5817.5
10°	6833.6	7282.2	7552.3	7447.0	7341.7	6847.4	6188.3	5648.2	5460.5	5478.8
12.5°	6508.7	7007.6	7167.8	7250.2	7035.0	6641.4	6197.4	5579.5	5369.0	5240.8
15°	6307.3	6678.0	6687.2	6815.3	6728.4	6728.4	6293.5	5689.4	5506.3	5364.4
17.5°	6307.3	6389.7	6380.5	6426.3	6572.7	6746.7	6536.1	6133.3	5771.8	5748.9
20°	6449.2	6192.8	6133.3	6151.7	6275.2	6792.4	7071.7	6568.2	6339.3	6266.1
22.5°	6778.7	6215.7	5854.1	5790.1	6170.0	6787.9	7414.9	7254.7	6856.5	6797.0
25°	7231.9	6174.5	5780.9	5698.5	5986.9	6952.6	7886.4	7918.4	7556.8	7433.2
27.5°	7662.1	6357.6	5771.8	5753.4	6133.3	6916.0	8211.4	8449.4	8042.0	7941.3
30°	7808.6	6540.7	5941.1	5698.5	6188.3	7048.8	8202.2	8824.7	8559.2	8582.1
32.5°	7982.5	6723.8	5959.4	5863.3	6421.7	7263.9	8463.1	9428.9	9236.6	8966.6
35°	8238.8	6971.0	6133.3	6046.4	6586.5	7456.1	8518.0	9872.9	9840.8	9525.0
37.5°	8458.5	7213.5	6494.9	6508.7	7090.0	7767.4	8760.6	10417.5	10362.6	10147.5
40°	8614.1	7552.3	7057.9	7094.5	7529.4	8115.2	9190.9	10692.2	11099.5	10783.7
42.5°	8637.0	7854.3	7703.3	7996.2	8403.6	8655.3	9364.8	10879.8	11465.7	11259.7
45°	8724.0	8334.9	8756.0	8971.2	9305.3	9131.4	9355.6	11200.2	11493.2	11387.9
47.5°	9062.7	9209.2	9740.1	10394.6	10513.7	9941.5	9575.3	11250.6	11648.8	11635.0
50°	9415.1	10147.5	10893.6	11328.4	11479.4	10499.9	9781.3	11209.4	11854.7	11744.9
52.5°	9808.8	10962.2	12037.8	12573.4	12491.0	11117.8	10014.7	11543.5	12234.6	12198.0
55°	10055.9	11328.4	12774.7	13520.8	13456.7	11809.0	10756.2	12024.1	12733.6	12642.0
57.5°	10710.5	11923.4	13507.1	13854.9	14024.3	12715.2	11273.5	12811.4	13150.1	13250.8
60°	11250.6	12312.5	13699.3	14202.8	14262.3	13255.3	12179.7	13621.5	13681.0	13342.3
62.5°	12042.4	12463.5	13292.0	13745.1	14051.8	13562.0	12994.5	14056.3	13671.9	13649.0
65°	12623.7	11969.2	12532.2	12783.9	12980.7	13095.1	13813.8	14353.9	13502.5	13058.5
67.5°	12298.7	11035.4	10930.2	10943.9	11003.4	11694.5	13539.1	13626.1	12559.6	12193.5
70°	10824.9	9053.5	8911.7	9021.5	8724.0	9557.0	12426.9	12385.7	11081.2	10701.3
72.5°	8756.0	6600.2	6357.6	6508.7	6577.3	7460.7	10454.1	9392.3	8083.2	7785.7
75°	6957.2	4838.0	4082.8	4449.0	4682.4	5433.0	8165.6	6380.5	5643.6	5240.8
77.5°	5465.1	3661.7	3176.5	3030.1	3245.2	3950.1	5941.1	3350.5	2956.8	2769.2
80°	3464.9	2691.3	2920.2	2709.7	2801.2	2819.5	3094.1	1524.2	1212.9	1199.2
82.5°	2087.2	1840.0	2187.9	1203.8	2192.4	1959.0	1286.2	691.1	613.3	613.3
85°	1478.4	1139.7	755.2	489.8	974.9	1075.6	498.9	357.0	311.2	302.1
87.5°	741.5	352.4	169.4	109.9	123.6	201.4	59.5	27.5	27.5	22.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)