

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: P599277

Luminaire Tested: **IFLD-L-SA7D-750-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: P599277
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-750-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

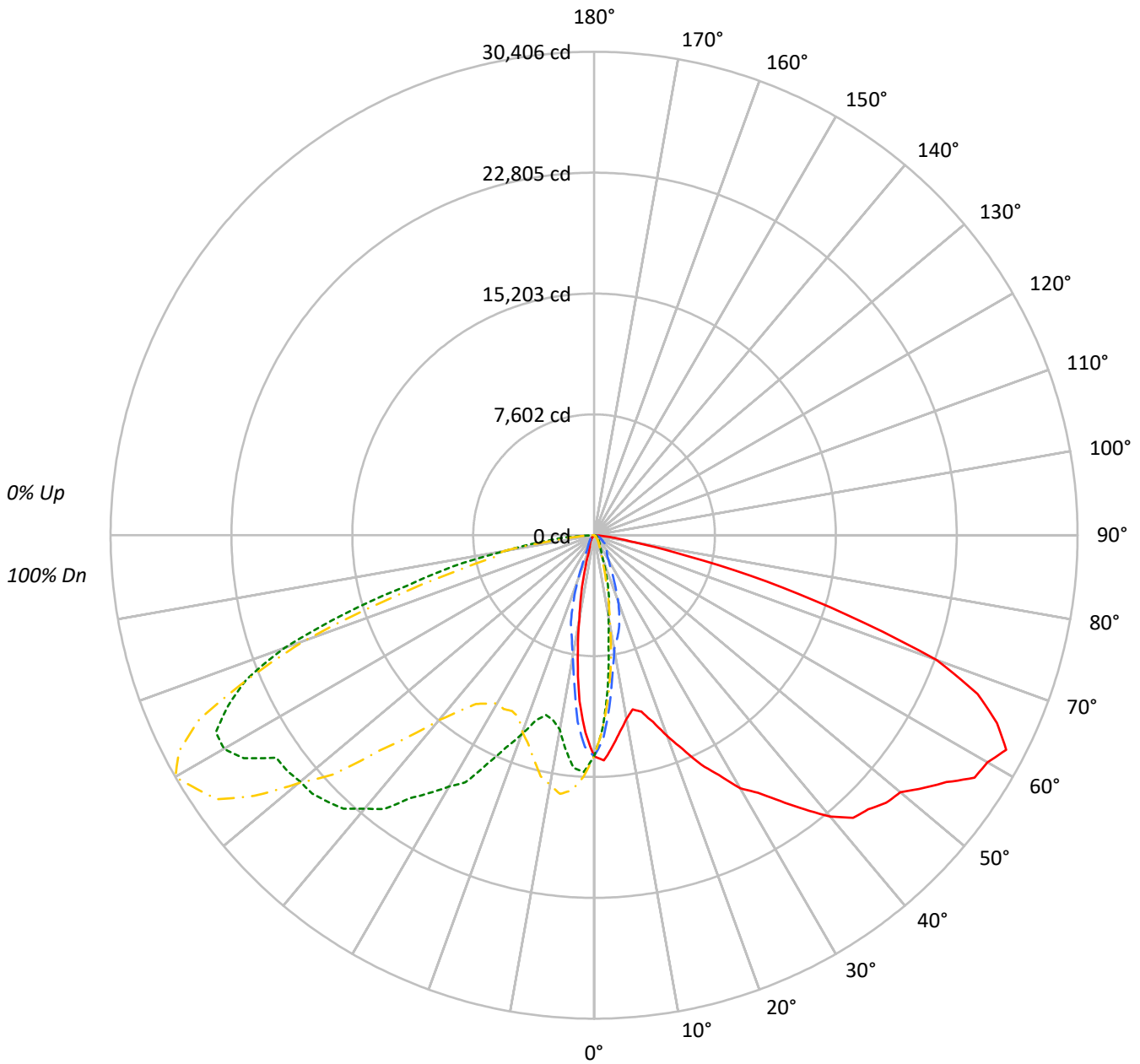
Lumens per Lamp: N/A
 Luminaire Lumens: 36345.1 lumens
 Efficiency: N/A
 Efficacy: 86.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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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CATALOG NUMBER: IFLD-L-SA7D-750-U-SLR-HSS

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°	74781	74781	74781	74781
5°	71996	52621	56644	79354
10°	64100	28650	29024	67848
15°	63988	19109	11684	65189
20°	76830	9541	4658	76381
25°	94498	5994	3608	94033
30°	114178	4811	2740	113448
35°	133974	3863	2125	132622
40°	162194	3304	1377	157719
45°	185557	2984	746	180411
50°	210524	2872	164	201909
55°	253949	2759	0	228940
60°	307455	2321	0	289208
65°	356014	1872	0	323570
70°	360501	1542	0	326271
75°	233304	1019	0	250216
80°	79570	304	0	177056
85°	39934	0	0	130091

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1052.5	2.9
10°-20°	2038.1	5.6
20°-30°	2838.6	7.8
30°-40°	4033.3	11.1
40°-50°	5593.0	15.4
50°-60°	7620.8	21.0
60°-70°	8378.5	23.1
70°-80°	4117.9	11.3
80°-90°	672.5	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°	5929.2	16.3
0°-40°	9962.5	27.4
0°-60°	23176.3	63.8
0°-90°	36345.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	36345.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	13895	13895	13895	13895	13895	
5°	13326	9740	10485	14688	13326	1219
15°	11484	3430	2097	11700	11484	3399
25°	15913	1009	608	15835	15913	7398
35°	20391	588	323	20186	20391	12944
45°	24379	392	98	23703	24379	18898
55°	27064	294	0	24399	27064	24346
65°	27956	147	0	25408	27956	27016
75°	11220	49	0	12033	11220	12232
85°	647	0	0	2107	647	895
90°	0	0	0	0	0	

TEST NUMBER: P599277
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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7
2.5°	14178.9	14345.4	14188.7	13639.9	13541.9	13277.4	12875.6	12846.2	12424.9	12473.9	12248.5
5°	13326.4	13492.9	13159.8	12434.7	11758.6	11219.6	10896.3	10318.1	10190.7	9906.6	9906.6
7.5°	12454.3	12444.5	11876.1	11268.6	10259.3	9269.7	8818.9	7986.0	7496.1	7231.5	6976.7
10°	11729.2	11572.4	11219.6	9965.4	8867.9	7839.0	7280.5	6731.8	6222.2	5781.3	5340.3
12.5°	11219.6	11317.6	10759.1	9397.0	7976.2	7260.9	6663.2	6085.1	5477.5	4977.8	4487.8
15°	11484.2	11327.4	10670.9	9269.7	7829.2	6849.4	6055.7	5350.1	4674.0	4017.5	3645.2
17.5°	12307.3	11905.5	11131.4	9269.7	7525.5	6222.2	5262.0	4429.1	3703.9	3116.0	2655.5
20°	13414.6	12954.0	12121.1	9612.6	7300.1	5761.7	4448.7	3400.2	2645.7	2096.9	1744.2
22.5°	14551.2	14188.7	12934.4	9749.8	7035.5	5144.4	3508.0	2459.5	1763.8	1411.0	1234.6
25°	15913.2	15403.7	14031.9	10298.5	6643.6	4546.6	2763.3	1714.8	1313.0	1126.9	1019.1
27.5°	17000.9	16912.7	15060.7	10631.7	6349.6	4056.7	2185.1	1362.0	1087.7	950.5	881.9
30°	18372.7	17892.6	16315.0	11298.0	6016.5	3498.2	1822.6	1224.8	999.5	852.5	803.5
32.5°	19195.8	18970.5	16971.5	11670.4	5644.1	3037.6	1567.8	1077.9	911.3	803.5	754.5
35°	20391.3	19940.5	17912.2	11905.5	5448.1	2773.1	1411.0	979.9	764.3	656.5	597.7
37.5°	21723.9	21557.3	19039.1	11895.7	5164.0	2616.3	1303.2	911.3	725.1	607.5	538.9
40°	23086.0	22409.8	19725.0	12170.1	5017.0	2498.7	1224.8	872.1	685.9	578.1	489.9
42.5°	24105.0	23330.9	20518.7	12072.1	4840.6	2292.9	1195.5	813.3	656.5	529.1	450.7
45°	24379.4	24105.0	21234.0	12042.7	4713.2	2126.3	1146.5	803.5	636.9	499.7	421.3
47.5°	24908.5	24722.4	22115.9	12091.7	4615.2	1999.0	1028.9	823.1	607.5	470.3	401.8
50°	25143.7	24810.5	22831.2	12209.3	4389.9	1842.2	921.1	862.3	597.7	460.5	382.2
52.5°	26113.8	25819.8	23811.1	12542.5	4203.7	1636.4	813.3	823.1	617.3	431.1	362.6
55°	27064.3	26731.1	25320.1	13306.8	3939.1	1469.8	695.7	725.1	587.9	392.0	323.4
57.5°	28367.5	27818.8	26329.4	13620.3	3703.9	1244.4	617.3	597.7	548.7	352.8	284.2
60°	28563.5	28788.9	26182.4	13424.3	3459.0	1097.5	538.9	460.5	587.9	313.6	245.0
62.5°	29220.0	28279.3	25496.5	12973.6	3282.6	1009.3	480.1	382.2	509.5	274.4	205.8
65°	27956.0	27260.2	23889.5	11523.4	3057.2	1019.1	421.3	313.6	323.4	225.4	166.6
67.5°	26104.0	25555.3	21224.2	9945.8	2831.9	999.5	372.4	274.4	245.0	196.0	147.0
70°	22909.6	21723.9	18029.8	8074.2	2498.7	930.9	313.6	245.0	205.8	156.8	107.8
72.5°	16667.8	16187.6	12934.4	6241.8	2243.9	842.7	294.0	205.8	176.4	117.6	88.2
75°	11219.6	10425.9	8162.4	4095.9	1803.0	734.9	245.0	186.2	137.2	88.2	68.6
77.5°	5928.3	5604.9	4625.0	1950.0	999.5	343.0	137.2	107.8	78.4	68.6	39.2
80°	2567.3	2283.1	1999.0	793.7	352.8	156.8	88.2	58.8	49.0	39.2	19.6
82.5°	1313.0	1254.2	1038.7	343.0	205.8	117.6	49.0	39.2	29.4	19.6	9.8
85°	646.7	666.3	548.7	107.8	117.6	68.6	9.8	9.8	0.0	0.0	0.0
87.5°	49.0	49.0	39.2	19.6	29.4	9.8	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°	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7
2.5°	12160.3	12297.5	12062.3	12209.3	12140.7	12170.1	12199.5	12121.1	12140.7	12415.1	12424.9
5°	9740.0	10004.6	9906.6	10043.8	10278.9	10161.4	10269.1	10249.5	10269.1	10308.3	10484.7
7.5°	6947.3	6869.0	7055.1	7417.7	7839.0	8093.8	7966.4	7897.8	7858.6	7760.6	7878.2
10°	5242.4	5203.2	5154.2	5262.0	5536.3	5820.5	5977.3	5712.7	5565.7	5379.5	5310.9
12.5°	4350.7	4105.7	3968.5	3801.9	3880.3	4135.1	4144.9	3890.1	3655.0	3557.0	3664.7
15°	3429.6	3263.0	3018.0	2782.9	2665.3	2861.2	2694.7	2449.7	2145.9	2106.7	2096.9
17.5°	2449.7	2351.7	2175.3	2077.3	1940.2	1891.2	1714.8	1342.4	1126.9	1068.1	1087.7
20°	1665.8	1587.4	1577.6	1489.4	1430.6	1391.4	1107.3	862.3	793.7	803.5	813.3
22.5°	1234.6	1195.5	1146.5	1136.7	1087.7	1038.7	813.3	725.1	676.1	676.1	705.5
25°	1009.3	989.7	940.7	921.1	901.5	832.9	685.9	617.3	597.7	578.1	607.5
27.5°	862.3	852.5	823.1	793.7	774.1	705.5	597.7	538.9	519.3	519.3	519.3
30°	774.1	774.1	734.9	676.1	676.1	597.7	509.5	470.3	450.7	450.7	440.9
32.5°	725.1	705.5	656.5	617.3	587.9	509.5	450.7	411.5	382.2	382.2	392.0
35°	587.9	587.9	578.1	548.7	509.5	431.1	382.2	343.0	323.4	313.6	323.4
37.5°	519.3	489.9	450.7	460.5	440.9	372.4	323.4	294.0	264.6	264.6	264.6
40°	470.3	440.9	401.8	372.4	362.6	333.2	284.2	235.2	205.8	196.0	196.0
42.5°	421.3	401.8	343.0	294.0	284.2	284.2	215.6	176.4	147.0	147.0	147.0
45°	392.0	362.6	313.6	254.8	205.8	215.6	176.4	127.4	107.8	98.0	98.0
47.5°	372.4	343.0	274.4	215.6	156.8	156.8	127.4	88.2	68.6	58.8	58.8
50°	343.0	313.6	245.0	176.4	117.6	98.0	78.4	49.0	29.4	19.6	19.6
52.5°	323.4	294.0	215.6	147.0	98.0	68.6	49.0	9.8	0.0	0.0	0.0
55°	294.0	254.8	186.2	117.6	78.4	39.2	9.8	0.0	0.0	0.0	0.0
57.5°	254.8	225.4	147.0	88.2	49.0	9.8	0.0	0.0	0.0	0.0	0.0
60°	215.6	186.2	117.6	68.6	19.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	176.4	156.8	88.2	39.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	147.0	117.6	68.6	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	127.4	98.0	49.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	98.0	68.6	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	68.6	49.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	49.0	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	29.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	9.8	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°	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7
2.5°	12464.1	12758.0	13032.4	13110.8	13326.4	13924.1	13924.1	14208.3	14717.8	14904.0	14943.2
5°	10514.1	10827.7	10886.5	11494.0	11778.2	12385.7	12787.4	13747.7	14325.8	14688.4	14913.8
7.5°	7995.8	8103.6	8329.0	8897.3	9455.8	10190.7	10955.1	12179.9	13199.0	13610.5	14374.8
10°	5497.1	5820.5	6310.4	6820.0	7692.1	8505.4	9495.0	10651.3	11905.5	12415.1	13071.6
12.5°	3703.9	4154.7	4938.6	5663.7	6467.2	7290.3	8231.0	9779.2	11200.0	11905.5	12562.1
15°	2165.5	2714.3	3390.4	4566.2	5634.3	6555.4	7496.1	9063.9	10788.5	11699.8	12503.3
17.5°	1097.5	1264.0	1822.6	2841.7	4252.7	5761.7	7162.9	9161.9	11102.0	12219.1	12885.4
20°	823.1	872.1	1028.9	1509.0	2910.2	4762.2	6849.4	9308.9	11974.1	13336.2	13698.7
22.5°	715.3	754.5	823.1	979.9	1636.4	3645.2	6408.4	9671.4	13159.8	14443.4	15207.7
25°	607.5	646.7	705.5	803.5	1048.5	2479.1	5869.5	10053.6	14218.1	15834.9	16550.2
27.5°	529.1	558.5	617.3	695.7	852.5	1577.6	4938.6	10563.1	15834.9	17520.2	17706.4
30°	450.7	480.1	529.1	617.3	725.1	1117.1	3625.6	10631.7	16726.5	18255.2	18774.5
32.5°	392.0	401.8	460.5	538.9	607.5	881.9	2547.7	10700.3	17383.1	19205.6	19313.4
35°	323.4	343.0	401.8	450.7	529.1	695.7	1930.4	10357.3	18235.6	20185.5	20156.1
37.5°	264.6	294.0	333.2	372.4	431.1	587.9	1538.4	9720.4	19303.6	21704.3	20783.2
40°	205.8	235.2	274.4	323.4	362.6	529.1	1156.3	8760.1	20420.7	22449.0	21469.2
42.5°	147.0	166.6	205.8	254.8	323.4	440.9	832.9	7623.5	20861.6	23321.1	22292.3
45°	107.8	127.4	156.8	215.6	333.2	352.8	578.1	6584.8	21332.0	23703.3	22106.1
47.5°	58.8	78.4	117.6	186.2	294.0	264.6	411.5	5653.9	21870.9	24046.2	22253.1
50°	19.6	29.4	68.6	196.0	235.2	205.8	323.4	5154.2	22400.0	24114.8	22547.0
52.5°	0.0	0.0	39.2	205.8	176.4	156.8	284.2	4958.2	22262.9	24330.4	22360.9
55°	0.0	0.0	9.8	88.2	98.0	117.6	235.2	4948.4	23232.9	24399.0	23379.9
57.5°	0.0	0.0	0.0	29.4	58.8	98.0	205.8	4634.8	23850.3	26104.0	24751.8
60°	0.0	0.0	0.0	9.8	39.2	68.6	156.8	4360.5	24477.4	26868.3	26221.6
62.5°	0.0	0.0	0.0	0.0	9.8	29.4	107.8	3939.1	23213.3	26809.5	27642.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	68.6	3116.0	20881.2	25408.3	26858.5
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	39.2	2155.7	18284.6	23644.5	25418.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1303.2	14757.0	20734.3	21557.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	558.5	10533.7	16462.0	17686.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	225.4	6516.2	12032.9	13541.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.2	4223.3	9112.9	10278.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	2253.7	5712.7	6643.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	979.9	3468.8	3997.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	313.6	2106.7	2400.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	323.4	431.1
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: P599277
 CATALOG NUMBER: IFLD-L-SA7D-750-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7	13894.7
2.5°	14962.8	15246.9	15354.7	15188.1	15207.7	14864.8	14815.8	14335.6	14139.7	14178.9
5°	15648.7	16060.2	16285.6	16099.4	15678.1	15021.6	14423.8	13855.5	13502.7	13326.4
7.5°	15491.9	15952.4	16236.6	16413.0	15932.8	14874.6	13963.3	12895.2	12444.5	12454.3
10°	14629.6	15589.9	16168.0	15942.6	15717.3	14659.0	13248.0	12091.7	11690.0	11729.2
12.5°	13933.9	15002.0	15344.9	15521.3	15060.7	14218.1	13267.6	11944.7	11494.0	11219.6
15°	13502.7	14296.4	14316.0	14590.4	14404.2	14404.2	13473.3	12179.9	11788.0	11484.2
17.5°	13502.7	13679.1	13659.5	13757.5	14071.1	14443.4	13992.7	13130.4	12356.3	12307.3
20°	13806.5	13257.8	13130.4	13169.6	13434.1	14541.4	15139.1	14061.3	13571.3	13414.6
22.5°	14512.0	13306.8	12532.7	12395.5	13208.8	14531.6	15874.0	15531.1	14678.6	14551.2
25°	15482.1	13218.6	12375.9	12199.5	12816.8	14884.4	16883.3	16951.9	16177.8	15913.2
27.5°	16403.2	13610.5	12356.3	12317.1	13130.4	14806.0	17579.0	18088.6	17216.5	17000.9
30°	16716.7	14002.5	12718.8	12199.5	13248.0	15090.1	17559.4	18892.1	18323.7	18372.7
32.5°	17089.1	14394.4	12758.0	12552.3	13747.7	15550.7	18118.0	20185.5	19774.0	19195.8
35°	17637.8	14923.6	13130.4	12944.2	14100.5	15962.2	18235.6	21136.0	21067.4	20391.3
37.5°	18108.2	15442.9	13904.5	13933.9	15178.3	16628.6	18754.9	22302.1	22184.5	21723.9
40°	18441.3	16168.0	15109.7	15188.1	16119.0	17373.3	19676.0	22890.0	23762.1	23086.0
42.5°	18490.3	16814.7	16491.4	17118.5	17990.6	18529.5	20048.3	23291.7	24546.0	24105.0
45°	18676.5	17843.6	18745.1	19205.6	19921.0	19548.6	20028.7	23977.7	24604.8	24379.4
47.5°	19401.6	19715.2	20851.8	22253.1	22507.8	21283.0	20499.1	24085.4	24937.9	24908.5
50°	20156.1	21723.9	23321.1	24252.0	24575.4	22478.4	20940.0	23997.2	25378.9	25143.7
52.5°	20998.8	23468.1	25770.8	26917.3	26740.9	23801.3	21439.8	24712.6	26192.2	26113.8
55°	21528.0	24252.0	27348.4	28945.6	28808.5	25280.9	23027.2	25741.4	27260.2	27064.3
57.5°	22929.2	25525.9	28916.2	29661.0	30023.5	27221.1	24134.4	27426.8	28151.9	28367.5
60°	24085.4	26358.8	29327.8	30405.7	30533.0	28377.3	26074.6	29161.2	29288.6	28563.5
62.5°	25780.6	26682.1	28455.7	29425.8	30082.3	29033.8	27818.8	30092.1	29269.0	29220.0
65°	27025.1	25623.8	26829.1	27368.0	27789.4	28034.4	29572.8	30729.0	28906.4	27956.0
67.5°	26329.4	23624.9	23399.5	23428.9	23556.3	25035.9	28984.8	29171.0	26887.9	26104.0
70°	23174.2	19382.0	19078.3	19313.4	18676.5	20459.9	26603.7	26515.5	23722.9	22909.6
72.5°	18745.1	14129.9	13610.5	13933.9	14080.9	15972.0	22380.4	20107.1	17304.7	16667.8
75°	14894.2	10357.3	8740.5	9524.4	10024.2	11631.2	17481.1	13659.5	12081.9	11219.6
77.5°	11699.8	7839.0	6800.4	6486.8	6947.3	8456.4	12718.8	7172.7	6330.0	5928.3
80°	7417.7	5761.7	6251.6	5800.9	5996.9	6036.1	6624.0	3263.0	2596.7	2567.3
82.5°	4468.3	3939.1	4683.8	2577.1	4693.6	4193.9	2753.5	1479.6	1313.0	1313.0
85°	3165.0	2439.9	1616.8	1048.5	2087.1	2302.7	1068.1	764.3	666.3	646.7
87.5°	1587.4	754.5	362.6	235.2	264.6	431.1	127.4	58.8	58.8	49.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)