

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: P599494

Luminaire Tested: **IFLD-S-SA3D-740-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599494
 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-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (48) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

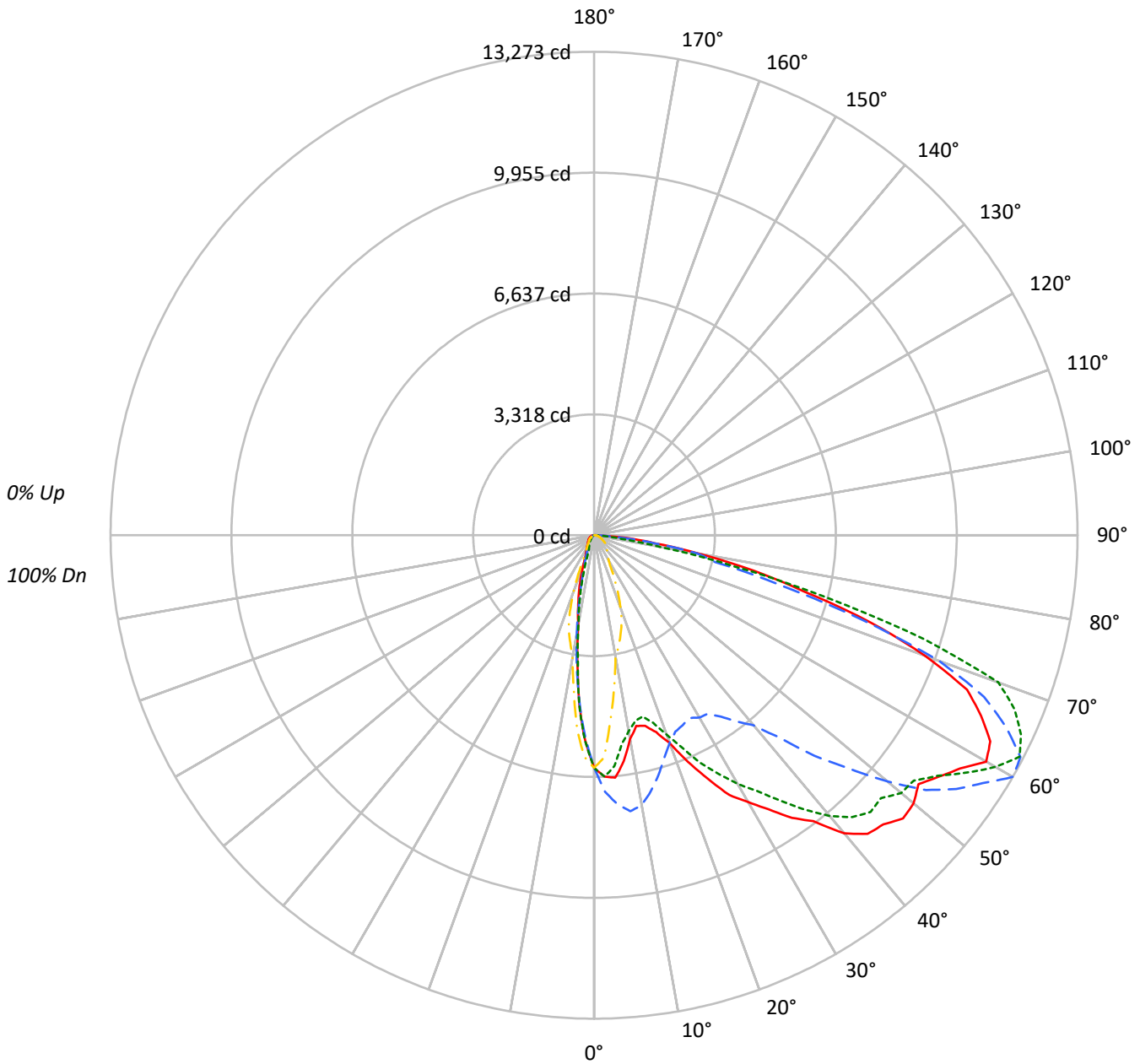
Lumens per Lamp: N/A
 Luminaire Lumens: 16975.4 lumens
 Efficiency: N/A
 Efficacy: 92.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

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	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	91602	91602	91602	91602
5°	96263	91627	66941	67333
10°	82776	79605	36599	35740
15°	80488	76514	23776	17916
20°	92774	88896	12739	6369
25°	116649	109112	8255	4953
30°	140106	130565	6685	4057
35°	165913	155667	5480	3257
40°	200177	188456	4841	2464
45°	227901	217966	4508	1656
50°	255666	245746	4454	1011
55°	289124	288103	4424	453
60°	356782	365241	4033	129
65°	398097	439045	3695	0
70°	405929	495522	3424	0
75°	330296	365491	3266	0
80°	240154	152860	3372	0
85°	155267	64188	4479	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	484.9	2.9
10°-20°	950.8	5.6
20°-30°	1315.8	7.8
30°-40°	1859.6	11.0
40°-50°	2531.8	14.9
50°-60°	3353.3	19.8
60°-70°	3893.4	22.9
70°-80°	2204.9	13.0
80°-90°	381.0	2.2
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°	2751.5	16.2
0°-40°	4611.1	27.2
0°-60°	10496.2	61.8
0°-90°	16975.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16975.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6383	6383	6383	6383	6383	
5°	6682	6360	4646	4674	6682	600
15°	5417	5150	1600	1206	5417	1589
25°	7366	6890	521	313	7366	3436
35°	9470	8885	313	186	9470	5970
45°	11228	10739	222	82	11228	8705
55°	11555	11514	177	18	11555	10469
65°	11723	12928	109	0	11723	11428
75°	5956	6591	59	0	5956	6501
85°	943	390	27	0	943	1133
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6
2.5°	6632.0	6772.5	6777.0	6840.5	6903.9	6903.9	7053.5	7017.3	6885.8	6863.1	6768.0
5°	6681.8	6731.7	6768.0	7089.8	7361.8	7334.6	7416.2	7361.8	7107.9	6781.6	6559.4
7.5°	6251.2	6305.6	6450.6	6999.1	7366.3	7488.7	7642.8	7302.9	7035.4	6446.1	6020.0
10°	5680.0	5784.3	6051.7	6677.3	7130.6	7520.5	7520.5	7248.5	6731.7	6156.0	5634.7
12.5°	5362.7	5571.2	5716.3	6350.9	6940.2	7207.7	7198.6	7053.5	6718.1	5992.8	5403.5
15°	5417.1	5476.0	5784.3	6278.4	6668.2	6654.6	6817.8	6772.5	6536.8	6137.8	5489.6
17.5°	5666.4	5757.1	6024.5	6278.4	6464.2	6409.8	6405.3	6622.9	6636.5	6382.6	5811.5
20°	6074.4	6341.8	6468.8	6545.8	6319.2	6088.0	6060.8	6364.5	6600.2	6695.4	6196.8
22.5°	6727.2	6903.9	7162.3	6768.0	6178.6	5888.5	5834.1	6169.6	6645.6	7067.1	6695.4
25°	7366.3	7502.3	7751.6	7243.9	6337.3	5847.7	5752.5	6042.7	6817.8	7583.9	7298.3
27.5°	8041.8	8159.6	8186.8	7593.0	6423.4	5766.1	5652.8	6042.7	6962.9	7855.9	8019.1
30°	8454.3	8594.8	8622.0	7901.2	6564.0	5834.1	5779.7	6069.9	7062.6	8087.1	8535.9
32.5°	8916.7	8952.9	8930.3	7955.6	6718.1	6033.6	5806.9	6251.2	7175.9	8363.6	9007.3
35°	9469.7	9533.2	9302.0	8205.0	7062.6	6160.5	6078.9	6473.3	7370.9	8490.5	9578.5
37.5°	9891.3	10090.7	9569.4	8300.1	7130.6	6428.0	6441.6	6935.7	7506.9	8644.7	10208.6
40°	10684.6	10349.1	10022.7	8626.5	7389.0	6881.3	6808.8	7411.7	7964.7	8744.4	10621.1
42.5°	11119.8	10943.0	10199.5	8658.3	7787.9	7506.9	7525.0	7951.1	8205.0	9025.4	10734.4
45°	11228.5	11042.7	10439.8	8680.9	8182.3	8245.8	8558.5	8640.1	8558.5	9211.3	10947.5
47.5°	11505.1	11101.6	10412.6	8984.7	8821.5	9066.2	9465.2	9642.0	9039.0	9143.3	11047.2
50°	11450.7	11219.5	10353.7	9111.6	9601.2	10249.4	10516.8	10444.3	9574.0	9002.8	10938.4
52.5°	11224.0	10974.7	10535.0	9456.1	10331.0	11115.2	11486.9	11305.6	10049.9	9320.1	10865.9
55°	11554.9	11364.5	10770.7	9923.0	10879.5	11876.8	12139.7	12003.7	10634.7	9614.8	11278.4
57.5°	11913.0	11872.3	11409.9	10471.5	11527.7	12661.0	12661.0	12493.3	11142.4	10040.9	11890.4
60°	12429.8	12520.5	11881.3	10834.2	11749.9	12615.7	13273.0	13078.1	11654.7	10788.8	12584.0
62.5°	12262.1	12552.2	12488.8	11613.9	12003.7	12837.8	13195.9	13341.0	12289.3	11700.0	13508.7
65°	11722.7	12030.9	12484.2	12126.1	11813.3	12298.4	12479.7	12919.4	12606.6	12556.8	13889.5
67.5°	11079.0	11414.4	11695.5	12470.6	11428.0	11749.9	11591.2	11731.7	12262.1	13495.1	14107.1
70°	9673.7	9995.5	10439.8	11704.5	10408.1	10117.9	10077.1	10009.1	10834.2	13159.7	13118.9
72.5°	7955.6	8105.2	8839.6	9515.0	7701.8	7647.4	7710.8	7633.8	8590.3	11913.0	11237.6
75°	5956.5	6106.1	6523.2	7307.4	5244.8	4932.0	5294.7	5652.8	6559.4	9247.6	8073.5
77.5°	4478.7	4669.1	4932.0	5466.9	3848.6	3359.0	3408.9	3748.9	4741.6	7407.1	4524.1
80°	2905.7	2883.1	3390.8	3762.5	2896.7	2987.3	2860.4	3109.7	3436.1	3961.9	2311.9
82.5°	1677.3	1699.9	1913.0	2157.8	2017.2	2307.4	1663.7	2778.8	2452.4	1613.8	861.3
85°	942.9	983.7	1178.6	1495.9	1264.7	847.7	693.6	1378.1	1541.3	661.8	417.0
87.5°	95.2	81.6	158.7	566.6	344.5	140.5	208.5	330.9	371.7	249.3	122.4
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°	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6
2.5°	6632.0	6632.0	6518.6	6328.2	6251.2	6115.2	5929.3	5988.3	5924.8	5693.6	5634.7
5°	6360.0	6142.4	5906.7	5616.5	5448.8	5104.3	4995.5	4800.6	4832.3	4637.4	4646.5
7.5°	5793.3	5621.1	5222.2	4841.4	4510.5	4211.3	3789.7	3631.0	3476.9	3399.8	3490.5
10°	5462.4	5140.6	4596.6	4097.9	3658.2	3390.8	3109.7	2892.1	2692.7	2543.1	2511.4
12.5°	5222.2	4936.6	4279.3	3671.8	3327.3	3109.7	2851.3	2552.1	2357.2	2098.8	2021.8
15°	5149.6	4800.6	4107.0	3504.1	3168.7	2810.5	2515.9	2221.2	1967.4	1695.4	1600.2
17.5°	5398.9	4995.5	4102.5	3368.1	2896.7	2511.4	2103.4	1772.5	1514.1	1264.7	1205.8
20°	5820.5	5204.0	4233.9	3286.5	2638.3	2121.5	1659.1	1328.2	1038.1	874.9	834.1
22.5°	6301.0	5557.6	4247.5	3068.9	2379.9	1731.7	1210.3	874.9	711.7	634.6	612.0
25°	6890.3	6124.2	4410.7	2892.1	2076.2	1314.6	861.3	670.9	575.7	530.4	521.3
27.5°	7375.4	6518.6	4587.5	2706.3	1777.0	974.6	675.4	548.5	498.6	453.3	448.8
30°	7878.6	6971.9	4637.4	2592.9	1518.6	802.4	580.2	485.0	430.6	408.0	403.4
32.5°	8318.3	7466.1	4796.0	2407.1	1273.8	707.2	525.8	435.2	398.9	362.6	358.1
35°	8884.9	7751.6	4873.1	2307.4	1183.1	639.2	480.5	398.9	344.5	321.9	312.8
37.5°	9492.4	8028.2	4923.0	2230.3	1106.1	598.4	453.3	376.2	326.4	294.7	285.6
40°	10059.0	8418.0	4850.4	2135.1	1047.2	548.5	435.2	349.1	303.7	272.0	258.4
42.5°	10494.2	8798.8	4827.8	2044.4	983.7	530.4	412.5	335.5	285.6	249.3	244.8
45°	10739.0	9057.2	4669.1	1971.9	933.8	539.4	403.4	317.3	272.0	240.3	222.1
47.5°	10680.0	9256.6	4709.9	1949.2	865.8	503.2	398.9	303.7	249.3	222.1	208.5
50°	11006.4	9660.1	4641.9	1876.7	816.0	453.3	435.2	303.7	244.8	213.1	199.5
52.5°	11060.8	10027.3	4787.0	1745.3	738.9	417.0	430.6	299.2	235.7	204.0	185.9
55°	11514.1	10453.4	5068.0	1672.7	675.4	362.6	394.4	290.1	213.1	185.9	176.8
57.5°	12130.6	11337.3	5249.4	1604.7	589.3	317.3	330.9	285.6	194.9	172.3	158.7
60°	12724.5	11690.9	5263.0	1482.3	507.7	285.6	258.4	285.6	181.3	154.1	140.5
62.5°	13168.7	11690.9	5172.3	1378.1	444.2	253.9	226.7	272.0	163.2	136.0	126.9
65°	12928.5	11378.1	4936.6	1291.9	403.4	222.1	194.9	208.5	145.1	117.9	108.8
67.5°	12497.8	10403.5	4415.3	1187.7	398.9	194.9	167.7	154.1	126.9	104.3	95.2
70°	11808.8	9088.9	3676.4	1069.8	389.8	176.8	149.6	131.5	113.3	90.7	81.6
72.5°	9515.0	7506.9	3019.1	1001.8	380.8	154.1	126.9	113.3	95.2	77.1	68.0
75°	6591.2	4796.0	2325.5	856.8	371.7	140.5	117.9	99.7	81.6	63.5	58.9
77.5°	3952.9	3204.9	1500.5	643.7	244.8	113.3	99.7	77.1	68.0	54.4	49.9
80°	1849.5	1514.1	607.4	249.3	117.9	81.6	68.0	58.9	54.4	45.3	40.8
82.5°	725.3	639.2	294.7	145.1	95.2	63.5	54.4	49.9	45.3	36.3	31.7
85°	389.8	344.5	140.5	99.7	68.0	45.3	45.3	40.8	36.3	31.7	27.2
87.5°	86.1	63.5	58.9	58.9	49.9	36.3	36.3	31.7	27.2	22.7	18.1
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°	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6
2.5°	5602.9	5670.9	5562.1	5630.1	5534.9	5607.5	5616.5	5548.5	5566.7	5657.3	5698.1
5°	4773.4	4728.0	4628.3	4596.6	4601.1	4542.2	4564.9	4596.6	4646.5	4673.7	4755.2
7.5°	3440.6	3544.9	3540.4	3617.4	3622.0	3612.9	3549.4	3413.4	3458.8	3422.5	3467.8
10°	2461.5	2506.8	2592.9	2642.8	2733.5	2683.6	2538.5	2484.2	2457.0	2452.4	2497.8
12.5°	1967.4	1858.6	1849.5	1867.6	1913.0	1854.0	1781.5	1718.1	1749.8	1813.2	1863.1
15°	1523.1	1432.5	1314.6	1296.5	1305.5	1278.3	1201.3	1119.7	1142.3	1205.8	1242.1
17.5°	1169.5	1065.3	983.7	929.3	911.2	816.0	702.6	634.6	616.5	612.0	643.7
20°	788.8	770.6	757.0	689.0	689.0	553.0	457.8	408.0	408.0	417.0	421.6
22.5°	589.3	566.6	571.2	557.6	521.3	412.5	362.6	349.1	349.1	358.1	358.1
25°	512.2	480.5	471.4	466.9	430.6	353.6	317.3	303.7	303.7	312.8	312.8
27.5°	435.2	426.1	412.5	394.4	362.6	303.7	281.1	267.5	272.0	276.5	272.0
30°	398.9	376.2	358.1	358.1	321.9	272.0	253.9	244.8	235.7	244.8	249.3
32.5°	353.6	340.0	330.9	317.3	276.5	240.3	222.1	213.1	208.5	208.5	213.1
35°	303.7	303.7	294.7	276.5	240.3	217.6	194.9	185.9	181.3	185.9	185.9
37.5°	272.0	258.4	262.9	244.8	213.1	190.4	167.7	158.7	158.7	154.1	158.7
40°	253.9	231.2	217.6	208.5	190.4	163.2	145.1	136.0	131.5	131.5	131.5
42.5°	226.7	208.5	181.3	176.8	172.3	140.5	117.9	113.3	108.8	104.3	104.3
45°	213.1	185.9	163.2	140.5	140.5	117.9	99.7	90.7	86.1	81.6	86.1
47.5°	194.9	167.7	140.5	117.9	113.3	95.2	77.1	68.0	63.5	63.5	63.5
50°	185.9	149.6	122.4	99.7	86.1	77.1	58.9	49.9	45.3	45.3	45.3
52.5°	172.3	140.5	108.8	86.1	68.0	58.9	45.3	36.3	31.7	31.7	31.7
55°	154.1	126.9	95.2	72.5	58.9	45.3	31.7	22.7	18.1	18.1	18.1
57.5°	145.1	113.3	81.6	63.5	45.3	31.7	18.1	13.6	13.6	9.1	13.6
60°	131.5	99.7	68.0	49.9	36.3	22.7	13.6	4.5	4.5	4.5	4.5
62.5°	113.3	86.1	58.9	40.8	27.2	13.6	4.5	0.0	0.0	0.0	0.0
65°	95.2	68.0	45.3	31.7	18.1	4.5	0.0	0.0	0.0	0.0	0.0
67.5°	81.6	58.9	36.3	22.7	13.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	72.5	49.9	27.2	18.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	58.9	40.8	22.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	49.9	31.7	13.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	40.8	22.7	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.7	18.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	27.2	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	18.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.6	4.5	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: P599494
 CATALOG NUMBER: IFLD-S-SA3D-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6	6382.6
2.5°	5757.1	5729.9	5865.9	6088.0	6201.3	6423.4	6477.8	6618.4	6582.1	6632.0
5°	4764.3	4818.7	5018.2	5344.6	5462.4	5784.3	6088.0	6391.7	6586.6	6681.8
7.5°	3535.8	3717.2	3961.9	4261.1	4564.9	4986.4	5503.2	5856.8	6047.2	6251.2
10°	2633.7	2828.7	3109.7	3404.4	3898.5	4369.9	4886.7	5326.4	5489.6	5680.0
12.5°	2071.6	2375.4	2701.7	3019.1	3313.7	3762.5	4401.7	5040.8	5217.6	5362.7
15°	1441.5	1813.2	2280.2	2692.7	3105.2	3495.0	4156.9	4932.0	5172.3	5417.1
17.5°	797.8	1092.5	1627.4	2207.6	2815.1	3413.4	4238.5	5131.5	5494.1	5666.4
20°	462.4	580.2	961.0	1650.1	2452.4	3236.7	4279.3	5507.7	5988.3	6074.4
22.5°	380.8	421.6	544.0	1033.6	2008.2	3123.3	4487.8	6033.6	6523.2	6727.2
25°	326.4	358.1	421.6	621.0	1518.6	2883.1	4619.3	6690.9	7144.2	7366.3
27.5°	290.1	321.9	371.7	457.8	1033.6	2552.1	4836.8	7284.7	7738.0	8041.8
30°	253.9	281.1	330.9	389.8	716.2	2180.4	5022.7	7719.9	8359.1	8454.3
32.5°	226.7	249.3	285.6	335.5	530.4	1654.6	5172.3	8168.7	8708.1	8916.7
35°	194.9	222.1	244.8	285.6	403.4	1246.6	5081.6	8517.7	9220.4	9469.7
37.5°	172.3	190.4	213.1	240.3	340.0	974.6	4895.8	8934.8	9660.1	9891.3
40°	145.1	158.7	185.9	213.1	308.3	752.5	4682.7	9438.0	10276.6	10684.6
42.5°	122.4	136.0	154.1	199.5	253.9	557.6	4252.1	9827.8	10775.2	11119.8
45°	95.2	113.3	140.5	199.5	204.0	412.5	3807.8	10117.9	11056.3	11228.5
47.5°	72.5	90.7	136.0	172.3	163.2	285.6	3282.0	10448.8	11346.4	11505.1
50°	54.4	72.5	154.1	149.6	136.0	217.6	2951.1	10680.0	11364.5	11450.7
52.5°	36.3	54.4	126.9	113.3	113.3	190.4	2860.4	10671.0	11409.9	11224.0
55°	27.2	40.8	72.5	81.6	99.7	167.7	2778.8	11011.0	11423.5	11554.9
57.5°	18.1	31.7	49.9	63.5	86.1	145.1	2611.1	11418.9	11845.1	11913.0
60°	9.1	22.7	36.3	49.9	72.5	126.9	2375.4	11718.1	12357.3	12429.8
62.5°	4.5	13.6	27.2	40.8	58.9	99.7	2130.6	11242.1	12135.2	12262.1
65°	0.0	9.1	18.1	27.2	36.3	72.5	1731.7	10149.7	11255.7	11722.7
67.5°	0.0	0.0	9.1	18.1	22.7	54.4	1305.5	9234.0	10444.3	11079.0
70°	0.0	0.0	4.5	4.5	13.6	40.8	834.1	7647.4	9324.6	9673.7
72.5°	0.0	0.0	0.0	0.0	4.5	27.2	485.0	5680.0	7307.4	7955.6
75°	0.0	0.0	0.0	0.0	0.0	22.7	244.8	3653.7	5086.2	5956.5
77.5°	0.0	0.0	0.0	0.0	0.0	18.1	131.5	2357.2	3748.9	4478.7
80°	0.0	0.0	0.0	0.0	0.0	4.5	77.1	1369.0	2398.0	2905.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	31.7	670.9	1432.5	1677.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	9.1	358.1	716.2	942.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	49.9	95.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)