

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: P599517

Luminaire Tested: **IFLD-S-SA2C-750-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: P599517
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-750-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

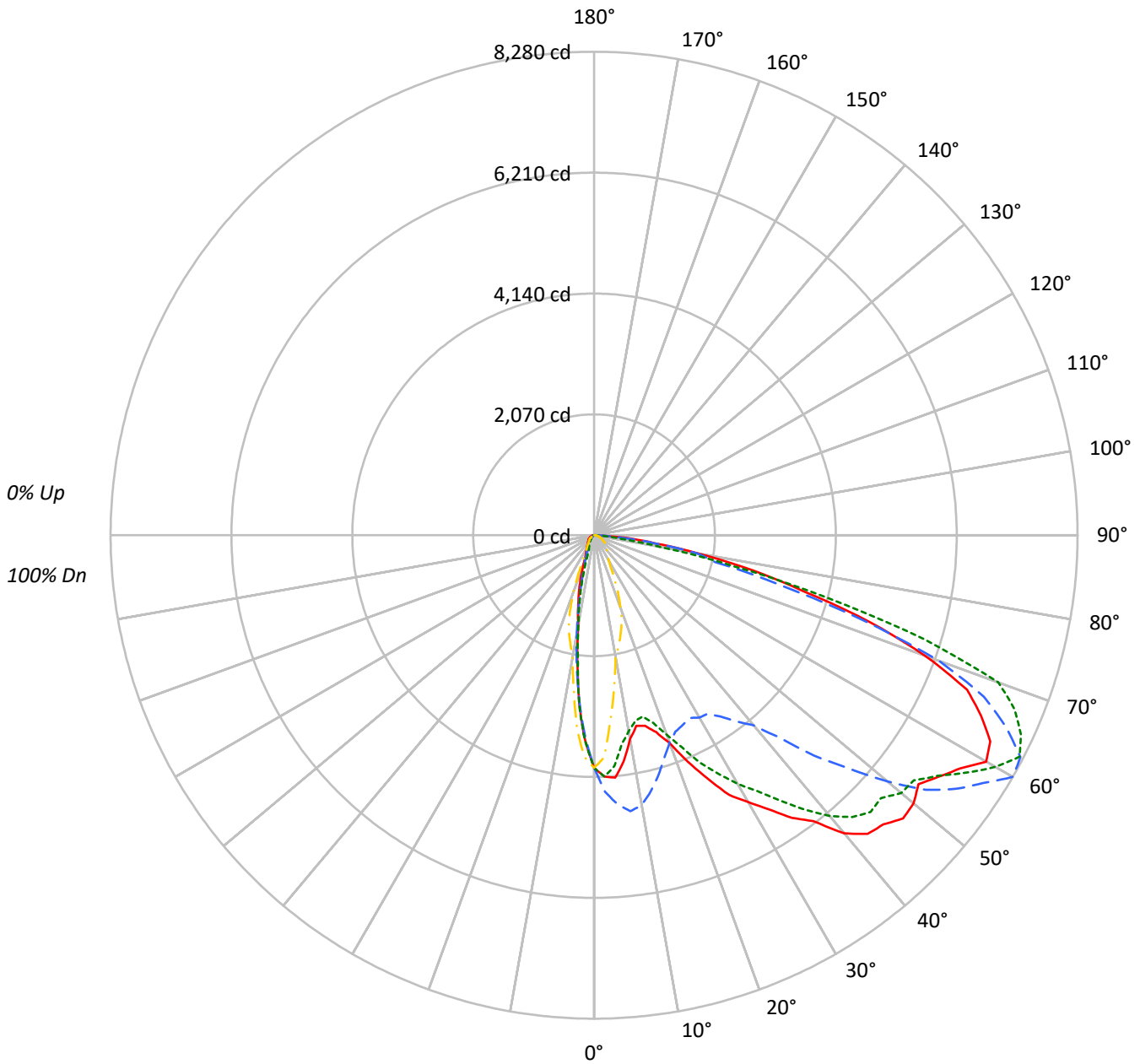
Lumens per Lamp: N/A
 Luminaire Lumens: 10589.2 lumens
 Efficiency: N/A
 Efficacy: 97.9 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 108.2
 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				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°	85713	85713	85713	85713
5°	90073	85734	62637	63002
10°	77454	74486	34246	33441
15°	75313	71593	22247	16764
20°	86808	83180	11920	5961
25°	109149	102097	7725	4634
30°	131097	122168	6257	3796
35°	155245	145658	5127	3046
40°	187304	176338	4530	2304
45°	213249	203951	4220	1550
50°	239225	229945	4166	948
55°	270535	269578	4140	424
60°	333841	341754	3776	121
65°	372498	410814	3459	0
70°	379824	463658	3204	0
75°	309061	341991	3061	0
80°	224715	143029	3149	0
85°	145288	60071	4199	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	302.5	2.9
10°-20°	593.1	5.6
20°-30°	820.8	7.8
30°-40°	1160.0	11.0
40°-50°	1579.4	14.9
50°-60°	2091.8	19.8
60°-70°	2428.7	22.9
70°-80°	1375.4	13.0
80°-90°	237.6	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°	1716.4	16.2
0°-40°	2876.4	27.2
0°-60°	6547.5	61.8
0°-90°	10589.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10589.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3982	3982	3982	3982	3982	
5°	4168	3967	2898	2915	4168	374
15°	3379	3212	998	752	3379	991
25°	4595	4298	325	195	4595	2143
35°	5907	5542	195	116	5907	3724
45°	7004	6699	139	51	7004	5430
55°	7208	7182	110	11	7208	6530
65°	7313	8065	68	0	7313	7128
75°	3716	4112	37	0	3716	4055
85°	588	243	17	0	588	707
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°	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5
2.5°	4137.0	4224.7	4227.5	4267.1	4306.7	4306.7	4400.0	4377.4	4295.4	4281.2	4221.8
5°	4168.1	4199.2	4221.8	4422.6	4592.3	4575.3	4626.2	4592.3	4433.9	4230.3	4091.8
7.5°	3899.5	3933.4	4023.9	4366.1	4595.1	4671.5	4767.6	4555.5	4388.7	4021.1	3755.3
10°	3543.2	3608.2	3775.1	4165.3	4448.1	4691.2	4691.2	4521.6	4199.2	3840.1	3514.9
12.5°	3345.2	3475.3	3565.8	3961.7	4329.3	4496.1	4490.5	4400.0	4190.7	3738.3	3370.7
15°	3379.2	3415.9	3608.2	3916.4	4159.6	4151.1	4252.9	4224.7	4077.6	3828.8	3424.4
17.5°	3534.7	3591.3	3758.1	3916.4	4032.4	3998.4	3995.6	4131.4	4139.8	3981.5	3625.2
20°	3789.2	3956.0	4035.2	4083.3	3941.9	3797.7	3780.7	3970.2	4117.2	4176.6	3865.5
22.5°	4196.4	4306.7	4467.9	4221.8	3854.2	3673.3	3639.3	3848.6	4145.5	4408.5	4176.6
25°	4595.1	4679.9	4835.5	4518.8	3953.2	3647.8	3588.4	3769.4	4252.9	4730.8	4552.7
27.5°	5016.4	5090.0	5106.9	4736.5	4006.9	3596.9	3526.2	3769.4	4343.4	4900.5	5002.3
30°	5273.8	5361.4	5378.4	4928.8	4094.6	3639.3	3605.4	3786.4	4405.6	5044.7	5324.7
32.5°	5562.2	5584.8	5570.7	4962.7	4190.7	3763.7	3622.4	3899.5	4476.3	5217.2	5618.8
35°	5907.2	5946.8	5802.6	5118.2	4405.6	3842.9	3792.0	4038.0	4597.9	5296.4	5975.1
37.5°	6170.2	6294.6	5969.4	5177.6	4448.1	4009.8	4018.2	4326.5	4682.8	5392.5	6368.1
40°	6665.0	6455.8	6252.2	5381.2	4609.2	4292.5	4247.3	4623.4	4968.4	5454.7	6625.4
42.5°	6936.5	6826.2	6362.5	5401.0	4858.1	4682.8	4694.1	4959.9	5118.2	5630.1	6696.1
45°	7004.4	6888.4	6512.3	5415.2	5104.1	5143.7	5338.8	5389.7	5338.8	5746.0	6829.0
47.5°	7176.8	6925.2	6495.4	5604.6	5502.8	5655.5	5904.4	6014.6	5638.5	5703.6	6891.2
50°	7142.9	6998.7	6458.6	5683.8	5989.2	6393.6	6560.4	6515.2	5972.2	5615.9	6823.4
52.5°	7001.5	6846.0	6571.7	5898.7	6444.5	6933.7	7165.5	7052.4	6269.1	5813.9	6778.1
55°	7208.0	7089.2	6718.8	6190.0	6786.6	7408.7	7572.7	7487.9	6633.9	5997.7	7035.5
57.5°	7431.3	7405.9	7117.5	6532.1	7191.0	7897.9	7897.9	7793.3	6950.6	6263.5	7417.2
60°	7753.7	7810.3	7411.6	6758.3	7329.5	7869.6	8279.7	8158.1	7270.2	6730.1	7849.9
62.5°	7649.1	7830.1	7790.5	7244.7	7487.9	8008.2	8231.6	8322.1	7666.1	7298.4	8426.7
65°	7312.6	7504.9	7787.6	7564.3	7369.1	7671.7	7784.8	8059.1	7864.0	7832.9	8664.2
67.5°	6911.0	7120.3	7295.6	7779.2	7128.8	7329.5	7230.6	7318.2	7649.1	8418.2	8800.0
70°	6034.4	6235.2	6512.3	7301.3	6492.5	6311.6	6286.1	6243.7	6758.3	8209.0	8183.5
72.5°	4962.7	5056.0	5514.1	5935.5	4804.4	4770.4	4810.0	4761.9	5358.6	7431.3	7010.0
75°	3715.7	3809.0	4069.1	4558.3	3271.7	3076.6	3302.8	3526.2	4091.8	5768.6	5036.2
77.5°	2793.8	2912.6	3076.6	3410.3	2400.8	2095.4	2126.5	2338.6	2957.8	4620.6	2822.1
80°	1812.6	1798.5	2115.2	2347.0	1806.9	1863.5	1784.3	1939.8	2143.4	2471.5	1442.2
82.5°	1046.3	1060.4	1193.3	1346.0	1258.4	1439.3	1037.8	1733.4	1529.8	1006.7	537.3
85°	588.2	613.6	735.2	933.2	788.9	528.8	432.6	859.6	961.4	412.9	260.2
87.5°	59.4	50.9	99.0	353.5	214.9	87.7	130.1	206.4	231.9	155.5	76.3
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°	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5
2.5°	4137.0	4137.0	4066.3	3947.5	3899.5	3814.6	3698.7	3735.5	3695.9	3551.7	3514.9
5°	3967.3	3831.6	3684.6	3503.6	3399.0	3184.1	3116.2	2994.6	3014.4	2892.8	2898.5
7.5°	3613.9	3506.4	3257.6	3020.0	2813.6	2627.0	2364.0	2265.0	2168.9	2120.8	2177.4
10°	3407.4	3206.7	2867.3	2556.3	2282.0	2115.2	1939.8	1804.1	1679.7	1586.4	1566.6
12.5°	3257.6	3079.4	2669.4	2290.5	2075.6	1939.8	1778.7	1592.0	1470.4	1309.3	1261.2
15°	3212.3	2994.6	2561.9	2185.9	1976.6	1753.2	1569.4	1385.6	1227.2	1057.6	998.2
17.5°	3367.9	3116.2	2559.1	2101.0	1806.9	1566.6	1312.1	1105.7	944.5	788.9	752.2
20°	3630.8	3246.3	2641.1	2050.1	1645.8	1323.4	1035.0	828.5	647.6	545.8	520.3
22.5°	3930.6	3466.8	2649.6	1914.4	1484.6	1080.2	755.0	545.8	444.0	395.9	381.7
25°	4298.2	3820.3	2751.4	1804.1	1295.1	820.0	537.3	418.5	359.1	330.8	325.2
27.5°	4600.8	4066.3	2861.7	1688.2	1108.5	608.0	421.3	342.2	311.1	282.8	279.9
30°	4914.6	4349.1	2892.8	1617.5	947.3	500.5	362.0	302.6	268.6	254.5	251.7
32.5°	5188.9	4657.3	2991.8	1501.5	794.6	441.1	328.0	271.5	248.8	226.2	223.4
35°	5542.4	4835.5	3039.8	1439.3	738.0	398.7	299.7	248.8	214.9	200.8	195.1
37.5°	5921.3	5008.0	3070.9	1391.3	690.0	373.3	282.8	234.7	203.6	183.8	178.1
40°	6274.8	5251.1	3025.7	1331.9	653.2	342.2	271.5	217.7	189.5	169.7	161.2
42.5°	6546.3	5488.7	3011.6	1275.3	613.6	330.8	257.3	209.3	178.1	155.5	152.7
45°	6699.0	5649.9	2912.6	1230.1	582.5	336.5	251.7	197.9	169.7	149.9	138.6
47.5°	6662.2	5774.3	2938.0	1215.9	540.1	313.9	248.8	189.5	155.5	138.6	130.1
50°	6865.8	6026.0	2895.6	1170.7	509.0	282.8	271.5	189.5	152.7	132.9	124.4
52.5°	6899.7	6255.0	2986.1	1088.7	460.9	260.2	268.6	186.6	147.0	127.2	115.9
55°	7182.5	6520.8	3161.4	1043.4	421.3	226.2	246.0	181.0	132.9	115.9	110.3
57.5°	7567.1	7072.2	3274.5	1001.0	367.6	197.9	206.4	178.1	121.6	107.5	99.0
60°	7937.5	7292.8	3283.0	924.7	316.7	178.1	161.2	178.1	113.1	96.1	87.7
62.5°	8214.6	7292.8	3226.5	859.6	277.1	158.4	141.4	169.7	101.8	84.8	79.2
65°	8064.8	7097.7	3079.4	805.9	251.7	138.6	121.6	130.1	90.5	73.5	67.9
67.5°	7796.1	6489.7	2754.2	740.9	248.8	121.6	104.6	96.1	79.2	65.0	59.4
70°	7366.3	5669.7	2293.3	667.4	243.2	110.3	93.3	82.0	70.7	56.6	50.9
72.5°	5935.5	4682.8	1883.3	624.9	237.5	96.1	79.2	70.7	59.4	48.1	42.4
75°	4111.6	2991.8	1450.6	534.4	231.9	87.7	73.5	62.2	50.9	39.6	36.8
77.5°	2465.8	1999.2	936.0	401.5	152.7	70.7	62.2	48.1	42.4	33.9	31.1
80°	1153.7	944.5	378.9	155.5	73.5	50.9	42.4	36.8	33.9	28.3	25.4
82.5°	452.4	398.7	183.8	90.5	59.4	39.6	33.9	31.1	28.3	22.6	19.8
85°	243.2	214.9	87.7	62.2	42.4	28.3	28.3	25.4	22.6	19.8	17.0
87.5°	53.7	39.6	36.8	36.8	31.1	22.6	22.6	19.8	17.0	14.1	11.3
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°	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5
2.5°	3495.1	3537.5	3469.7	3512.1	3452.7	3497.9	3503.6	3461.2	3472.5	3529.0	3554.5
5°	2977.6	2949.4	2887.1	2867.3	2870.2	2833.4	2847.6	2867.3	2898.5	2915.4	2966.3
7.5°	2146.3	2211.3	2208.5	2256.6	2259.4	2253.7	2214.1	2129.3	2157.6	2135.0	2163.2
10°	1535.5	1563.7	1617.5	1648.6	1705.1	1674.0	1583.5	1549.6	1532.6	1529.8	1558.1
12.5°	1227.2	1159.4	1153.7	1165.0	1193.3	1156.6	1111.3	1071.7	1091.5	1131.1	1162.2
15°	950.1	893.6	820.0	808.7	814.4	797.4	749.4	698.5	712.6	752.2	774.8
17.5°	729.6	664.5	613.6	579.7	568.4	509.0	438.3	395.9	384.6	381.7	401.5
20°	492.0	480.7	472.2	429.8	429.8	345.0	285.6	254.5	254.5	260.2	263.0
22.5°	367.6	353.5	356.3	347.8	325.2	257.3	226.2	217.7	217.7	223.4	223.4
25°	319.5	299.7	294.1	291.3	268.6	220.6	197.9	189.5	189.5	195.1	195.1
27.5°	271.5	265.8	257.3	246.0	226.2	189.5	175.3	166.8	169.7	172.5	169.7
30°	248.8	234.7	223.4	223.4	200.8	169.7	158.4	152.7	147.0	152.7	155.5
32.5°	220.6	212.1	206.4	197.9	172.5	149.9	138.6	132.9	130.1	130.1	132.9
35°	189.5	189.5	183.8	172.5	149.9	135.7	121.6	115.9	113.1	115.9	115.9
37.5°	169.7	161.2	164.0	152.7	132.9	118.8	104.6	99.0	99.0	96.1	99.0
40°	158.4	144.2	135.7	130.1	118.8	101.8	90.5	84.8	82.0	82.0	82.0
42.5°	141.4	130.1	113.1	110.3	107.5	87.7	73.5	70.7	67.9	65.0	65.0
45°	132.9	115.9	101.8	87.7	87.7	73.5	62.2	56.6	53.7	50.9	53.7
47.5°	121.6	104.6	87.7	73.5	70.7	59.4	48.1	42.4	39.6	39.6	39.6
50°	115.9	93.3	76.3	62.2	53.7	48.1	36.8	31.1	28.3	28.3	28.3
52.5°	107.5	87.7	67.9	53.7	42.4	36.8	28.3	22.6	19.8	19.8	19.8
55°	96.1	79.2	59.4	45.2	36.8	28.3	19.8	14.1	11.3	11.3	11.3
57.5°	90.5	70.7	50.9	39.6	28.3	19.8	11.3	8.5	8.5	5.7	8.5
60°	82.0	62.2	42.4	31.1	22.6	14.1	8.5	2.8	2.8	2.8	2.8
62.5°	70.7	53.7	36.8	25.4	17.0	8.5	2.8	0.0	0.0	0.0	0.0
65°	59.4	42.4	28.3	19.8	11.3	2.8	0.0	0.0	0.0	0.0	0.0
67.5°	50.9	36.8	22.6	14.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	45.2	31.1	17.0	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	36.8	25.4	14.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	31.1	19.8	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	25.4	14.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	19.8	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.5	2.8	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: P599517
 CATALOG NUMBER: IFLD-S-SA2C-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5	3981.5
2.5°	3591.3	3574.3	3659.1	3797.7	3868.4	4006.9	4040.9	4128.5	4105.9	4137.0
5°	2972.0	3005.9	3130.3	3333.9	3407.4	3608.2	3797.7	3987.1	4108.7	4168.1
7.5°	2205.7	2318.8	2471.5	2658.1	2847.6	3110.5	3432.9	3653.5	3772.2	3899.5
10°	1642.9	1764.5	1939.8	2123.6	2431.9	2726.0	3048.3	3322.6	3424.4	3543.2
12.5°	1292.3	1481.7	1685.3	1883.3	2067.1	2347.0	2745.8	3144.5	3254.7	3345.2
15°	899.2	1131.1	1422.4	1679.7	1937.0	2180.2	2593.1	3076.6	3226.5	3379.2
17.5°	497.7	681.5	1015.2	1377.1	1756.0	2129.3	2644.0	3201.0	3427.2	3534.7
20°	288.4	362.0	599.5	1029.3	1529.8	2019.0	2669.4	3435.7	3735.5	3789.2
22.5°	237.5	263.0	339.3	644.7	1252.7	1948.3	2799.5	3763.7	4069.1	4196.4
25°	203.6	223.4	263.0	387.4	947.3	1798.5	2881.5	4173.8	4456.5	4595.1
27.5°	181.0	200.8	231.9	285.6	644.7	1592.0	3017.2	4544.2	4827.0	5016.4
30°	158.4	175.3	206.4	243.2	446.8	1360.2	3133.2	4815.7	5214.4	5273.8
32.5°	141.4	155.5	178.1	209.3	330.8	1032.1	3226.5	5095.6	5432.1	5562.2
35°	121.6	138.6	152.7	178.1	251.7	777.6	3169.9	5313.4	5751.7	5907.2
37.5°	107.5	118.8	132.9	149.9	212.1	608.0	3054.0	5573.5	6026.0	6170.2
40°	90.5	99.0	115.9	132.9	192.3	469.4	2921.1	5887.4	6410.5	6665.0
42.5°	76.3	84.8	96.1	124.4	158.4	347.8	2652.4	6130.6	6721.6	6936.5
45°	59.4	70.7	87.7	124.4	127.2	257.3	2375.3	6311.6	6896.9	7004.4
47.5°	45.2	56.6	84.8	107.5	101.8	178.1	2047.3	6518.0	7077.9	7176.8
50°	33.9	45.2	96.1	93.3	84.8	135.7	1840.9	6662.2	7089.2	7142.9
52.5°	22.6	33.9	79.2	70.7	70.7	118.8	1784.3	6656.5	7117.5	7001.5
55°	17.0	25.4	45.2	50.9	62.2	104.6	1733.4	6868.6	7125.9	7208.0
57.5°	11.3	19.8	31.1	39.6	53.7	90.5	1628.8	7123.1	7388.9	7431.3
60°	5.7	14.1	22.6	31.1	45.2	79.2	1481.7	7309.8	7708.5	7753.7
62.5°	2.8	8.5	17.0	25.4	36.8	62.2	1329.0	7012.8	7569.9	7649.1
65°	0.0	5.7	11.3	17.0	22.6	45.2	1080.2	6331.3	7021.3	7312.6
67.5°	0.0	0.0	5.7	11.3	14.1	33.9	814.4	5760.1	6515.2	6911.0
70°	0.0	0.0	2.8	2.8	8.5	25.4	520.3	4770.4	5816.7	6034.4
72.5°	0.0	0.0	0.0	0.0	2.8	17.0	302.6	3543.2	4558.3	4962.7
75°	0.0	0.0	0.0	0.0	0.0	14.1	152.7	2279.2	3172.7	3715.7
77.5°	0.0	0.0	0.0	0.0	0.0	11.3	82.0	1470.4	2338.6	2793.8
80°	0.0	0.0	0.0	0.0	0.0	2.8	48.1	854.0	1495.9	1812.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.8	418.5	893.6	1046.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.7	223.4	446.8	588.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	31.1	59.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)