

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: P599028

Luminaire Tested: **IFLD-S-SA3B-760-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599028
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-760-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

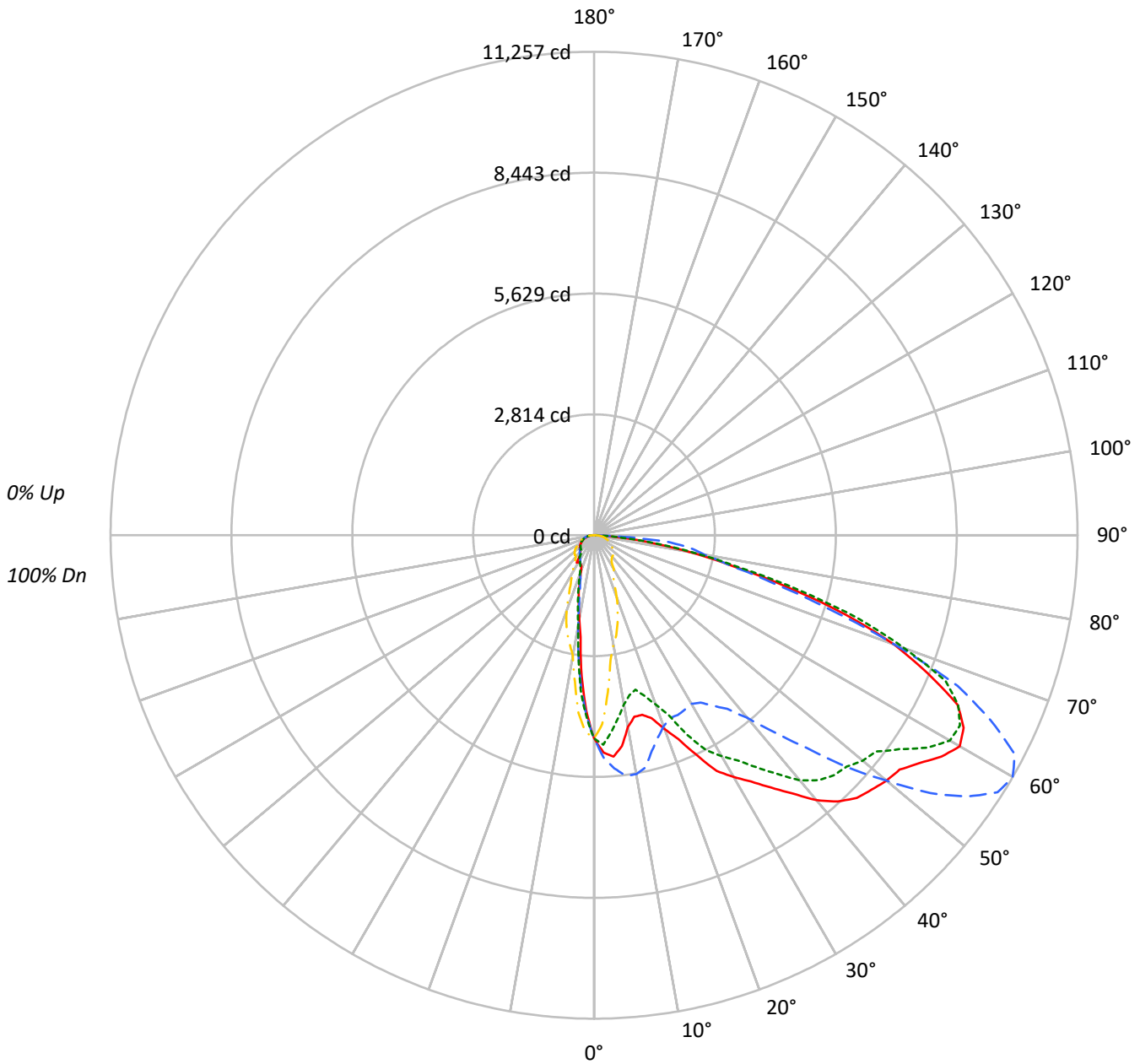
Lumens per Lamp: N/A
 Luminaire Lumens: 14805.2 lumens
 Efficiency: N/A
 Efficacy: 121.0 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	80	80	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	62	62	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	50	50	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	40	40	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	34	34	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	29	29	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	25	25	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	22	22	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	19	19	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	17	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	67866	67866	67866	67866
5°	74559	66232	47499	51851
10°	66042	58289	28810	30914
15°	64308	55330	20394	21176
20°	73324	63997	13341	14745
25°	89338	81122	11649	12064
30°	107643	98390	12081	11211
35°	125539	115528	10011	9435
40°	150853	139533	9351	8860
45°	175558	160362	9464	8799
50°	198403	182273	9679	9092
55°	231381	217249	10024	9531
60°	282210	274480	9992	9992
65°	317154	317599	10259	10704
70°	311695	322718	10746	11023
75°	257117	274230	11290	12016
80°	185638	194870	12488	13026
85°	102737	110312	14063	17307

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	367.4	2.5
10°-20°	775.6	5.2
20°-30°	1134.8	7.7
30°-40°	1598.9	10.8
40°-50°	2197.3	14.8
50°-60°	2994.7	20.2
60°-70°	3277.6	22.1
70°-80°	1892.3	12.8
80°-90°	566.7	3.8
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°	2277.8	15.4
0°-40°	3876.6	26.2
0°-60°	9068.7	61.3
0°-90°	14805.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14805.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4729	4729	4729	4729	4729	
5°	5175	4597	3297	3599	5175	470
15°	4328	3724	1373	1425	4328	1265
25°	5642	5123	736	762	5642	2642
35°	7165	6594	571	538	7165	4543
45°	8650	7901	466	434	8650	6648
55°	9247	8682	401	381	9247	8344
65°	9339	9352	302	315	9339	8939
75°	4637	4945	204	217	4637	4981
85°	624	670	85	105	624	866
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°	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7
2.5°	5063.6	5043.9	5063.6	5135.9	5155.6	5188.4	5188.4	5142.5	5057.1	5017.7	4952.0
5°	5175.3	5142.5	5306.7	5457.7	5575.9	5562.8	5451.1	5359.2	5188.4	4932.3	4689.3
7.5°	4952.0	4984.8	5103.1	5497.1	5773.0	5825.5	5648.2	5464.3	5096.5	4741.8	4413.5
10°	4531.7	4577.6	4833.8	5241.0	5674.4	5759.8	5648.2	5424.9	4984.8	4544.8	4163.9
12.5°	4328.1	4433.2	4584.2	5076.8	5385.5	5589.1	5536.5	5392.0	4899.5	4380.6	4012.8
15°	4328.1	4354.3	4577.6	4991.4	5168.7	5175.3	5195.0	5221.3	4925.7	4452.9	3960.3
17.5°	4466.0	4538.2	4728.7	4984.8	5017.7	4938.9	4938.9	5050.5	4978.3	4656.5	4150.7
20°	4800.9	4774.7	5024.2	5129.3	4952.0	4755.0	4735.3	4925.7	5037.4	4873.2	4498.8
22.5°	5135.9	5254.1	5457.7	5221.3	4892.9	4630.2	4603.9	4840.3	5214.7	5247.5	4899.5
25°	5641.6	5759.8	5864.9	5575.9	4886.3	4597.3	4617.0	4800.9	5431.4	5779.5	5569.4
27.5°	6186.7	6259.0	6410.0	5963.4	5043.9	4557.9	4577.6	4853.5	5635.0	6127.6	6094.8
30°	6495.4	6574.2	6541.4	6035.7	5149.0	4584.2	4531.7	4925.7	5523.4	6127.6	6436.3
32.5°	6797.5	6751.5	6731.8	6153.9	5280.4	4748.4	4617.0	5076.8	5589.1	6226.1	6876.3
35°	7165.3	7099.6	7047.1	6383.7	5497.1	4906.0	4846.9	5273.8	5733.5	6429.7	7231.0
37.5°	7572.5	7572.5	7316.3	6554.5	5753.3	5162.2	5096.5	5556.2	5963.4	6554.5	7717.0
40°	8051.9	8071.6	7618.5	6784.4	6042.2	5569.4	5549.7	5924.0	6186.7	6738.4	8183.3
42.5°	8406.6	8419.7	7881.2	6869.7	6377.2	6134.2	6219.6	6515.1	6442.9	6902.6	8216.1
45°	8649.6	8583.9	8065.1	7112.8	6745.0	6981.4	7007.7	7093.0	6777.8	7001.1	8347.5
47.5°	8767.8	8754.7	8143.9	7395.2	7519.9	7841.8	7992.8	7874.6	7086.5	6896.0	8347.5
50°	8886.0	8774.4	8216.1	7782.7	8275.2	8925.4	8892.6	8675.8	7513.4	7027.4	8222.7
52.5°	8964.8	8866.3	8360.6	8130.7	8997.7	9733.2	9864.6	9464.0	8012.5	7270.4	8281.8
55°	9247.2	9168.4	8794.1	8603.6	9831.8	10587.0	10606.7	10048.5	8537.9	7671.0	8669.3
57.5°	9588.8	9634.7	9391.7	9273.5	10468.8	11211.0	11138.7	10482.0	8984.5	8157.0	9115.9
60°	9831.8	9904.0	9844.9	9858.0	10784.1	11421.1	11256.9	10751.2	9312.9	8524.8	9661.0
62.5°	9700.4	9844.9	10087.9	10035.4	10797.2	11270.1	11040.2	10396.6	9352.3	9004.2	10074.8
65°	9339.2	9352.3	9825.2	10114.2	10206.1	10488.5	10186.4	9654.4	8945.1	9299.8	10015.6
67.5°	8413.1	8518.2	8945.1	9509.9	9122.4	9188.1	9161.9	8393.4	8327.8	9096.2	9562.5
70°	7428.0	7500.2	7966.5	8629.9	7703.8	7395.2	7454.3	6882.9	7152.2	8465.7	8649.6
72.5°	6140.7	6186.7	6718.7	7303.2	6180.1	5628.5	5766.4	5300.1	5681.0	7408.3	7296.6
75°	4636.8	4722.1	5135.9	5825.5	4551.4	4196.7	4334.6	4144.2	4498.8	6101.3	5661.3
77.5°	3297.0	3231.3	3743.6	4557.9	3421.7	3211.6	3224.7	3257.5	3638.5	5142.5	4065.4
80°	2246.1	2265.8	2725.6	3342.9	2686.2	2653.3	2620.5	2883.2	3054.0	4071.9	2955.4
82.5°	1333.2	1333.2	1838.9	2377.5	2121.3	2390.6	2239.6	2476.0	2390.6	2994.8	1937.5
85°	623.9	623.9	945.7	1714.2	1641.9	1970.3	1674.7	1871.8	1766.7	2088.5	873.5
87.5°	105.1	91.9	190.5	840.7	676.5	768.4	302.1	998.3	1109.9	1458.0	216.7
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°	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7
2.5°	4879.8	4833.8	4741.8	4623.6	4525.1	4400.3	4360.9	4275.5	4157.3	4144.2	4091.6
5°	4597.3	4439.7	4242.7	3999.7	3835.5	3664.7	3520.3	3434.9	3336.4	3323.2	3297.0
7.5°	4288.7	4091.6	3763.3	3474.3	3191.9	2922.6	2791.2	2627.1	2515.4	2430.0	2390.6
10°	3999.7	3815.8	3408.6	3014.5	2765.0	2587.6	2430.0	2259.3	2121.3	2016.3	1976.9
12.5°	3809.2	3592.5	3152.5	2778.1	2594.2	2390.6	2213.3	2029.4	1852.1	1714.2	1641.9
15°	3723.9	3520.3	3073.7	2659.9	2390.6	2108.2	1904.6	1720.7	1504.0	1405.5	1372.6
17.5°	3927.4	3625.3	3047.4	2522.0	2141.1	1819.2	1569.7	1372.6	1215.0	1116.5	1077.1
20°	4190.2	3815.8	3093.4	2357.8	1904.6	1543.4	1267.6	1057.4	952.3	880.1	873.5
22.5°	4525.1	4098.2	3165.6	2239.6	1641.9	1241.3	991.7	866.9	794.7	788.1	775.0
25°	5122.8	4610.5	3283.8	2081.9	1431.7	1024.6	847.2	775.0	742.1	722.4	735.6
27.5°	5635.0	4945.4	3369.2	1983.4	1346.4	965.4	821.0	742.1	709.3	702.7	709.3
30°	5937.1	5254.1	3342.9	1799.5	1175.6	919.5	873.5	847.2	781.5	729.0	729.0
32.5°	6213.0	5451.1	3336.4	1635.3	1004.8	768.4	729.0	709.3	748.7	775.0	755.3
35°	6593.9	5759.8	3316.7	1543.4	932.6	709.3	643.6	591.1	564.8	551.7	571.4
37.5°	7001.1	5970.0	3264.1	1530.3	893.2	676.5	623.9	571.4	545.1	532.0	525.4
40°	7447.7	6193.3	3205.0	1464.6	873.5	656.8	604.2	558.2	525.4	505.7	499.1
42.5°	7736.7	6370.6	3145.9	1431.7	834.1	643.6	584.5	545.1	512.3	486.0	486.0
45°	7900.9	6580.8	3086.8	1398.9	788.1	650.2	584.5	532.0	492.6	479.4	466.3
47.5°	7973.1	6738.4	3067.1	1346.4	748.7	623.9	571.4	518.8	479.4	453.2	446.6
50°	8163.6	7073.3	3139.3	1307.0	702.7	597.7	604.2	512.3	472.9	440.0	433.5
52.5°	8275.2	7342.6	3297.0	1247.9	669.9	564.8	591.1	499.1	453.2	420.3	420.3
55°	8682.4	7789.2	3467.7	1201.9	630.5	518.8	545.1	472.9	420.3	400.6	400.6
57.5°	9201.3	8262.1	3612.2	1182.2	604.2	486.0	486.0	459.7	400.6	374.4	367.8
60°	9562.5	8649.6	3697.6	1169.0	578.0	453.2	433.5	459.7	380.9	354.7	348.1
62.5°	9601.9	8426.3	3612.2	1162.5	571.4	420.3	394.1	440.0	361.2	334.9	321.8
65°	9352.3	7973.1	3375.8	1136.2	564.8	387.5	367.8	380.9	334.9	315.2	302.1
67.5°	8853.2	7237.5	3034.2	1123.1	558.2	361.2	334.9	328.4	308.7	289.0	275.8
70°	7690.7	6278.7	2633.6	1064.0	545.1	341.5	302.1	295.5	275.8	262.7	256.1
72.5°	6456.0	5135.9	2173.9	985.1	518.8	308.7	275.8	262.7	256.1	236.4	229.9
75°	4945.4	3953.7	1740.4	873.5	453.2	275.8	243.0	229.9	223.3	210.2	203.6
77.5°	3474.3	2942.3	1287.3	709.3	380.9	249.6	216.7	203.6	197.0	177.3	177.3
80°	2357.8	2062.2	873.5	492.6	295.5	203.6	190.5	177.3	164.2	151.1	151.1
82.5°	1464.6	1444.9	630.5	321.8	216.7	164.2	151.1	151.1	131.4	118.2	118.2
85°	669.9	886.6	440.0	223.3	164.2	124.8	124.8	118.2	105.1	85.4	85.4
87.5°	210.2	295.5	229.9	98.5	91.9	72.2	72.2	65.7	65.7	52.5	52.5
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°	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7
2.5°	4144.2	4137.6	4137.6	4111.3	4177.0	4177.0	4216.4	4183.6	4203.3	4209.9	4262.4
5°	3290.4	3342.9	3382.3	3461.1	3507.1	3526.8	3526.8	3579.4	3559.7	3599.1	3677.9
7.5°	2410.3	2476.0	2594.2	2692.7	2771.5	2797.8	2791.2	2804.4	2824.1	2778.1	2791.2
10°	1950.6	1904.6	1944.0	2036.0	2108.2	2193.6	2127.9	2121.3	2141.1	2121.3	2160.8
12.5°	1628.8	1576.2	1543.4	1543.4	1595.9	1635.3	1615.6	1648.5	1720.7	1740.4	1786.4
15°	1320.1	1274.1	1247.9	1215.0	1267.6	1280.7	1300.4	1346.4	1398.9	1425.2	1477.7
17.5°	1057.4	1057.4	1057.4	1031.1	1050.8	1070.5	1077.1	1136.2	1142.8	1169.0	1188.7
20°	866.9	886.6	919.5	932.6	952.3	952.3	939.2	972.0	945.7	965.4	978.6
22.5°	781.5	807.8	821.0	827.5	853.8	860.4	827.5	834.1	840.7	821.0	827.5
25°	735.6	748.7	735.6	742.1	748.7	735.6	742.1	755.3	748.7	761.8	755.3
27.5°	715.9	702.7	696.2	689.6	689.6	676.5	683.0	683.0	696.2	702.7	702.7
30°	715.9	696.2	669.9	650.2	650.2	630.5	643.6	656.8	663.3	676.5	676.5
32.5°	735.6	696.2	650.2	630.5	610.8	597.7	610.8	630.5	656.8	663.3	669.9
35°	584.5	604.2	597.7	571.4	564.8	564.8	558.2	558.2	538.5	538.5	532.0
37.5°	525.4	518.8	532.0	538.5	545.1	525.4	525.4	499.1	492.6	499.1	499.1
40°	492.6	492.6	492.6	512.3	518.8	505.7	486.0	472.9	472.9	472.9	479.4
42.5°	479.4	466.3	459.7	472.9	492.6	479.4	459.7	453.2	453.2	459.7	459.7
45°	459.7	453.2	446.6	440.0	466.3	446.6	440.0	433.5	433.5	433.5	440.0
47.5°	440.0	433.5	420.3	420.3	426.9	420.3	413.8	413.8	413.8	426.9	426.9
50°	426.9	420.3	407.2	407.2	407.2	407.2	400.6	400.6	400.6	407.2	413.8
52.5°	407.2	400.6	394.1	387.5	387.5	387.5	387.5	387.5	387.5	394.1	400.6
55°	387.5	380.9	374.4	374.4	380.9	380.9	374.4	380.9	374.4	380.9	387.5
57.5°	367.8	361.2	354.7	361.2	367.8	361.2	361.2	361.2	361.2	361.2	367.8
60°	341.5	341.5	341.5	341.5	354.7	354.7	354.7	354.7	341.5	348.1	354.7
62.5°	328.4	321.8	321.8	328.4	334.9	334.9	341.5	334.9	328.4	334.9	334.9
65°	302.1	302.1	302.1	308.7	308.7	315.2	315.2	315.2	308.7	315.2	315.2
67.5°	282.4	282.4	282.4	282.4	295.5	295.5	295.5	295.5	289.0	289.0	295.5
70°	249.6	256.1	249.6	262.7	275.8	269.3	275.8	275.8	269.3	262.7	275.8
72.5°	229.9	229.9	229.9	229.9	249.6	249.6	249.6	256.1	249.6	243.0	249.6
75°	203.6	203.6	203.6	210.2	223.3	223.3	223.3	223.3	223.3	216.7	216.7
77.5°	177.3	183.9	177.3	183.9	197.0	190.5	197.0	203.6	197.0	190.5	190.5
80°	151.1	151.1	151.1	157.6	164.2	164.2	164.2	170.8	164.2	157.6	157.6
82.5°	118.2	118.2	124.8	124.8	131.4	131.4	131.4	137.9	131.4	124.8	124.8
85°	91.9	91.9	91.9	98.5	98.5	105.1	105.1	111.6	111.6	105.1	105.1
87.5°	59.1	52.5	59.1	59.1	65.7	65.7	59.1	52.5	59.1	52.5	46.0
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: P599028
 CATALOG NUMBER: IFLD-S-SA3B-760-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7	4728.7
2.5°	4314.9	4433.2	4518.5	4577.6	4663.0	4827.2	4892.9	5011.1	5043.9	5063.6
5°	3710.7	3835.5	4019.4	4150.7	4301.8	4610.5	4846.9	5024.2	5103.1	5175.3
7.5°	2909.5	3073.7	3264.1	3434.9	3684.4	4065.4	4374.0	4741.8	4879.8	4952.0
10°	2272.4	2423.5	2633.6	2843.8	3191.9	3513.7	3953.7	4288.7	4479.1	4531.7
12.5°	1917.8	2095.1	2344.6	2600.8	2817.5	3185.3	3631.9	4117.9	4295.2	4328.1
15°	1628.8	1871.8	2127.9	2390.6	2640.2	2962.0	3441.4	4032.5	4295.2	4328.1
17.5°	1346.4	1563.1	1865.2	2147.6	2436.6	2876.6	3474.3	4104.8	4367.5	4466.0
20°	1070.5	1280.7	1517.1	1871.8	2265.8	2732.1	3546.5	4347.8	4695.9	4800.9
22.5°	886.6	978.6	1208.4	1550.0	2016.3	2633.6	3618.8	4728.7	5096.5	5135.9
25°	775.0	840.7	985.1	1307.0	1819.2	2567.9	3789.5	5168.7	5641.6	5641.6
27.5°	722.4	748.7	847.2	1136.2	1681.3	2508.8	3960.3	5654.7	6094.8	6186.7
30°	709.3	775.0	827.5	1011.4	1530.3	2344.6	4117.9	6035.7	6488.8	6495.4
32.5°	696.2	683.0	722.4	880.1	1346.4	2173.9	4249.3	6423.2	6777.8	6797.5
35°	545.1	571.4	637.1	775.0	1208.4	2049.1	4314.9	6633.3	7145.6	7165.3
37.5°	512.3	545.1	597.7	715.9	1116.5	1944.0	4334.6	7040.5	7533.1	7572.5
40°	499.1	525.4	564.8	663.3	1044.3	1812.7	4374.0	7460.8	8104.5	8051.9
42.5°	472.9	505.7	545.1	637.1	985.1	1714.2	4380.6	7690.7	8406.6	8406.6
45°	466.3	486.0	532.0	637.1	919.5	1628.8	4275.5	7920.6	8754.7	8649.6
47.5°	440.0	479.4	518.8	617.4	840.7	1543.4	4150.7	8038.8	8800.6	8767.8
50°	433.5	472.9	538.5	584.5	794.7	1504.0	4124.5	8334.3	8892.6	8886.0
52.5°	420.3	459.7	558.2	558.2	735.6	1451.4	4249.3	8465.7	8912.3	8964.8
55°	400.6	459.7	518.8	512.3	683.0	1385.8	4387.2	8807.2	9260.4	9247.2
57.5°	387.5	446.6	492.6	466.3	623.9	1339.8	4590.8	9135.6	9680.7	9588.8
60°	367.8	446.6	440.0	433.5	578.0	1300.4	4761.5	9201.3	9772.6	9831.8
62.5°	354.7	466.3	387.5	400.6	538.5	1280.7	4689.3	8708.7	9647.9	9700.4
65°	341.5	400.6	354.7	367.8	525.4	1241.3	4406.9	8117.6	9109.3	9339.2
67.5°	315.2	328.4	328.4	341.5	512.3	1149.3	3828.9	7053.6	8288.4	8413.1
70°	289.0	295.5	295.5	315.2	499.1	1044.3	3159.0	6101.3	7191.6	7428.0
72.5°	262.7	262.7	262.7	289.0	459.7	958.9	2600.8	4689.3	5976.6	6140.7
75°	229.9	229.9	229.9	256.1	413.8	873.5	2049.1	3487.4	4400.3	4636.8
77.5°	203.6	203.6	197.0	229.9	361.2	709.3	1477.7	2462.9	3099.9	3297.0
80°	170.8	164.2	164.2	183.9	282.4	512.3	952.3	1740.4	2160.8	2246.1
82.5°	137.9	131.4	124.8	137.9	203.6	321.8	591.1	1215.0	1385.8	1333.2
85°	131.4	137.9	111.6	105.1	144.5	210.2	374.4	748.7	623.9	623.9
87.5°	52.5	46.0	46.0	39.4	72.2	78.8	164.2	137.9	105.1	105.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)