

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: P599431

Luminaire Tested: **IFLD-S-SA2D-730-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: P599431
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-730-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

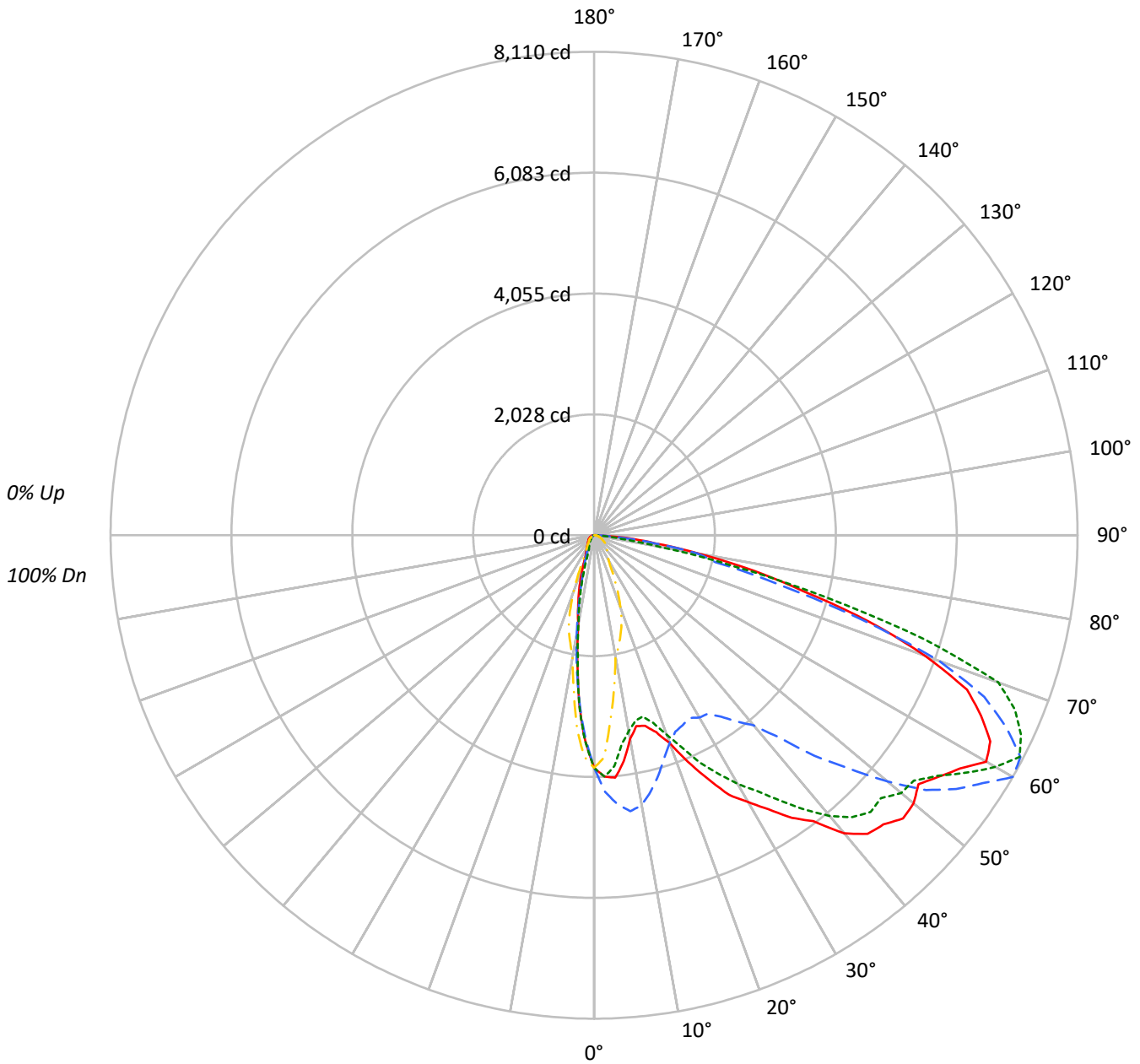
Lumens per Lamp: N/A
 Luminaire Lumens: 10372.5 lumens
 Efficiency: N/A
 Efficacy: 83.7 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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	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	100	100		
	1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	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	61	61		
	3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	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	39	39		
	5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	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	27	27		
	7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	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	20	20		
	9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	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	16	16		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	83959	83959	83959	83959
5°	88230	83981	61353	61714
10°	75869	72962	33544	32757
15°	73771	70129	21792	16421
20°	85031	81477	11677	5837
25°	106916	100006	7565	4539
30°	128412	119670	6128	3719
35°	152068	142678	5022	2985
40°	183471	172730	4437	2257
45°	208883	199777	4131	1519
50°	234329	225239	4083	928
55°	264995	264061	4054	417
60°	327008	334762	3698	121
65°	364872	402404	3387	0
70°	372051	454173	3141	0
75°	302732	334988	2994	0
80°	220116	140103	3087	0
85°	142299	58836	4100	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	296.3	2.9
10°-20°	581.0	5.6
20°-30°	804.0	7.8
30°-40°	1136.3	11.0
40°-50°	1547.0	14.9
50°-60°	2049.0	19.8
60°-70°	2379.0	22.9
70°-80°	1347.2	13.0
80°-90°	232.8	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°	1681.3	16.2
0°-40°	2817.5	27.2
0°-60°	6413.5	61.8
0°-90°	10372.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10372.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3900	3900	3900	3900	3900	
5°	4083	3886	2839	2856	4083	367
15°	3310	3147	978	737	3310	971
25°	4501	4210	318	191	4501	2099
35°	5786	5429	191	114	5786	3648
45°	6861	6562	136	50	6861	5319
55°	7060	7036	108	11	7060	6397
65°	7163	7900	66	0	7163	6983
75°	3640	4027	36	0	3640	3972
85°	576	238	17	0	576	692
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°	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0
2.5°	4052.3	4138.2	4141.0	4179.8	4218.5	4218.5	4309.9	4287.8	4207.5	4193.6	4135.4
5°	4082.8	4113.3	4135.4	4332.1	4498.3	4481.7	4531.5	4498.3	4343.2	4143.8	4008.0
7.5°	3819.7	3852.9	3941.6	4276.7	4501.1	4575.9	4670.0	4462.3	4298.9	3938.8	3678.4
10°	3470.7	3534.4	3697.8	4080.0	4357.0	4595.2	4595.2	4429.1	4113.3	3761.5	3443.0
12.5°	3276.8	3404.2	3492.8	3880.6	4240.7	4404.1	4398.6	4309.9	4105.0	3661.8	3301.7
15°	3310.0	3346.0	3534.4	3836.3	4074.5	4066.2	4165.9	4138.2	3994.2	3750.4	3354.3
17.5°	3462.4	3517.8	3681.2	3836.3	3949.9	3916.6	3913.9	4046.8	4055.1	3900.0	3551.0
20°	3711.6	3875.1	3952.6	3999.7	3861.2	3720.0	3703.3	3888.9	4033.0	4091.1	3786.4
22.5°	4110.5	4218.5	4376.4	4135.4	3775.4	3598.1	3564.8	3769.8	4060.7	4318.3	4091.1
25°	4501.1	4584.2	4736.5	4426.3	3872.3	3573.2	3515.0	3692.3	4165.9	4634.0	4459.5
27.5°	4913.8	4985.8	5002.4	4639.6	3924.9	3523.3	3454.0	3692.3	4254.5	4800.2	4899.9
30°	5165.8	5251.7	5268.3	4827.9	4010.8	3564.8	3531.6	3708.9	4315.5	4941.5	5215.7
32.5°	5448.4	5470.5	5456.7	4861.2	4105.0	3686.7	3548.2	3819.7	4384.7	5110.4	5503.8
35°	5786.3	5825.1	5683.8	5013.5	4315.5	3764.3	3714.4	3955.4	4503.8	5188.0	5852.8
37.5°	6043.9	6165.8	5847.2	5071.7	4357.0	3927.7	3936.0	4237.9	4586.9	5282.2	6237.8
40°	6528.6	6323.7	6124.2	5271.1	4514.9	4204.7	4160.4	4528.8	4866.7	5343.1	6489.8
42.5°	6794.5	6686.5	6232.2	5290.5	4758.7	4586.9	4598.0	4858.4	5013.5	5514.8	6559.1
45°	6861.0	6747.4	6379.1	5304.3	4999.6	5038.4	5229.5	5279.4	5229.5	5628.4	6689.3
47.5°	7030.0	6783.5	6362.4	5489.9	5390.2	5539.8	5783.5	5891.6	5523.2	5586.9	6750.2
50°	6996.7	6855.5	6326.4	5567.5	5866.6	6262.7	6426.1	6381.8	5850.0	5501.0	6683.7
52.5°	6858.2	6705.9	6437.2	5778.0	6312.6	6791.8	7018.9	6908.1	6140.8	5694.9	6639.4
55°	7060.4	6944.1	6581.3	6063.3	6647.7	7257.1	7417.8	7334.7	6498.2	5874.9	6891.5
57.5°	7279.3	7254.3	6971.8	6398.4	7043.8	7736.3	7736.3	7633.8	6808.4	6135.3	7265.4
60°	7595.0	7650.4	7259.9	6620.0	7179.5	7708.6	8110.2	7991.1	7121.4	6592.3	7689.2
62.5°	7492.5	7669.8	7631.0	7096.5	7334.7	7844.3	8063.1	8151.8	7509.2	7149.1	8254.3
65°	7162.9	7351.3	7628.3	7409.4	7218.3	7514.7	7625.5	7894.2	7703.1	7672.6	8486.9
67.5°	6769.6	6974.6	7146.3	7620.0	6982.9	7179.5	7082.6	7168.5	7492.5	8246.0	8619.9
70°	5910.9	6107.6	6379.1	7151.8	6359.7	6182.4	6157.5	6115.9	6620.0	8041.0	8016.1
72.5°	4861.2	4952.6	5401.3	5814.0	4706.0	4672.8	4711.6	4664.5	5248.9	7279.3	6866.6
75°	3639.6	3731.0	3985.9	4465.1	3204.8	3013.6	3235.2	3454.0	4008.0	5650.6	4933.2
77.5°	2736.6	2853.0	3013.6	3340.5	2351.6	2052.5	2083.0	2290.7	2897.3	4526.0	2764.3
80°	1775.5	1761.6	2071.9	2299.0	1770.0	1825.4	1747.8	1900.1	2099.6	2420.9	1412.6
82.5°	1024.9	1038.7	1168.9	1318.5	1232.6	1409.9	1016.5	1697.9	1498.5	986.1	526.3
85°	576.1	601.1	720.2	914.1	772.8	518.0	423.8	842.0	941.8	404.4	254.8
87.5°	58.2	49.9	96.9	346.2	210.5	85.9	127.4	202.2	227.1	152.3	74.8
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°	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0
2.5°	4052.3	4052.3	3983.1	3866.8	3819.7	3736.6	3623.0	3659.0	3620.2	3479.0	3443.0
5°	3886.2	3753.2	3609.2	3431.9	3329.4	3118.9	3052.4	2933.3	2952.7	2833.6	2839.1
7.5°	3539.9	3434.7	3190.9	2958.2	2756.0	2573.2	2315.6	2218.7	2124.5	2077.4	2132.8
10°	3337.7	3141.1	2808.7	2504.0	2235.3	2071.9	1900.1	1767.2	1645.3	1553.9	1534.5
12.5°	3190.9	3016.4	2614.8	2243.6	2033.1	1900.1	1742.3	1559.4	1440.3	1282.5	1235.4
15°	3146.6	2933.3	2509.5	2141.1	1936.2	1717.3	1537.3	1357.2	1202.1	1035.9	977.8
17.5°	3298.9	3052.4	2506.7	2058.0	1770.0	1534.5	1285.2	1083.0	925.1	772.8	736.8
20°	3556.5	3179.8	2587.1	2008.2	1612.1	1296.3	1013.8	811.6	634.3	534.6	509.7
22.5°	3850.1	3395.9	2595.4	1875.2	1454.2	1058.1	739.6	534.6	434.9	387.8	373.9
25°	4210.2	3742.1	2695.1	1767.2	1268.6	803.3	526.3	409.9	351.8	324.1	318.5
27.5°	4506.6	3983.1	2803.1	1653.6	1085.8	595.5	412.7	335.2	304.7	277.0	274.2
30°	4814.1	4260.1	2833.6	1584.4	927.9	490.3	354.5	296.4	263.1	249.3	246.5
32.5°	5082.7	4562.0	2930.5	1470.8	778.3	432.1	321.3	265.9	243.8	221.6	218.8
35°	5429.0	4736.5	2977.6	1409.9	722.9	390.6	293.6	243.8	210.5	196.7	191.1
37.5°	5800.1	4905.5	3008.1	1362.8	675.9	365.6	277.0	229.9	199.4	180.0	174.5
40°	6146.4	5143.7	2963.8	1304.6	639.8	335.2	265.9	213.3	185.6	166.2	157.9
42.5°	6412.3	5376.4	2949.9	1249.2	601.1	324.1	252.1	205.0	174.5	152.3	149.6
45°	6561.9	5534.2	2853.0	1204.9	570.6	329.6	246.5	193.9	166.2	146.8	135.7
47.5°	6525.9	5656.1	2877.9	1191.1	529.0	307.5	243.8	185.6	152.3	135.7	127.4
50°	6725.3	5902.6	2836.4	1146.7	498.6	277.0	265.9	185.6	149.6	130.2	121.9
52.5°	6758.5	6127.0	2925.0	1066.4	451.5	254.8	263.1	182.8	144.0	124.6	113.6
55°	7035.5	6387.4	3096.7	1022.1	412.7	221.6	241.0	177.3	130.2	113.6	108.0
57.5°	7412.2	6927.5	3207.5	980.5	360.1	193.9	202.2	174.5	119.1	105.3	96.9
60°	7775.1	7143.5	3215.8	905.8	310.2	174.5	157.9	174.5	110.8	94.2	85.9
62.5°	8046.5	7143.5	3160.4	842.0	271.4	155.1	138.5	166.2	99.7	83.1	77.6
65°	7899.7	6952.4	3016.4	789.4	246.5	135.7	119.1	127.4	88.6	72.0	66.5
67.5°	7636.6	6356.9	2697.9	725.7	243.8	119.1	102.5	94.2	77.6	63.7	58.2
70°	7215.6	5553.6	2246.4	653.7	238.2	108.0	91.4	80.3	69.2	55.4	49.9
72.5°	5814.0	4586.9	1844.7	612.1	232.7	94.2	77.6	69.2	58.2	47.1	41.5
75°	4027.4	2930.5	1421.0	523.5	227.1	85.9	72.0	60.9	49.9	38.8	36.0
77.5°	2415.3	1958.3	916.8	393.3	149.6	69.2	60.9	47.1	41.5	33.2	30.5
80°	1130.1	925.1	371.2	152.3	72.0	49.9	41.5	36.0	33.2	27.7	24.9
82.5°	443.2	390.6	180.0	88.6	58.2	38.8	33.2	30.5	27.7	22.2	19.4
85°	238.2	210.5	85.9	60.9	41.5	27.7	27.7	24.9	22.2	19.4	16.6
87.5°	52.6	38.8	36.0	36.0	30.5	22.2	22.2	19.4	16.6	13.8	11.1
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°	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0
2.5°	3423.6	3465.1	3398.7	3440.2	3382.0	3426.4	3431.9	3390.3	3401.4	3456.8	3481.7
5°	2916.7	2889.0	2828.1	2808.7	2811.4	2775.4	2789.3	2808.7	2839.1	2855.8	2905.6
7.5°	2102.3	2166.1	2163.3	2210.4	2213.1	2207.6	2168.8	2085.7	2113.4	2091.3	2119.0
10°	1504.0	1531.7	1584.4	1614.8	1670.2	1639.8	1551.1	1517.9	1501.3	1498.5	1526.2
12.5°	1202.1	1135.7	1130.1	1141.2	1168.9	1132.9	1088.6	1049.8	1069.2	1108.0	1138.4
15°	930.7	875.3	803.3	792.2	797.7	781.1	734.0	684.2	698.0	736.8	758.9
17.5°	714.6	650.9	601.1	567.8	556.7	498.6	429.3	387.8	376.7	373.9	393.3
20°	482.0	470.9	462.6	421.0	421.0	337.9	279.8	249.3	249.3	254.8	257.6
22.5°	360.1	346.2	349.0	340.7	318.5	252.1	221.6	213.3	213.3	218.8	218.8
25°	313.0	293.6	288.1	285.3	263.1	216.1	193.9	185.6	185.6	191.1	191.1
27.5°	265.9	260.4	252.1	241.0	221.6	185.6	171.7	163.4	166.2	169.0	166.2
30°	243.8	229.9	218.8	218.8	196.7	166.2	155.1	149.6	144.0	149.6	152.3
32.5°	216.1	207.7	202.2	193.9	169.0	146.8	135.7	130.2	127.4	127.4	130.2
35°	185.6	185.6	180.0	169.0	146.8	133.0	119.1	113.6	110.8	113.6	113.6
37.5°	166.2	157.9	160.7	149.6	130.2	116.3	102.5	96.9	96.9	94.2	96.9
40°	155.1	141.3	133.0	127.4	116.3	99.7	88.6	83.1	80.3	80.3	80.3
42.5°	138.5	127.4	110.8	108.0	105.3	85.9	72.0	69.2	66.5	63.7	63.7
45°	130.2	113.6	99.7	85.9	85.9	72.0	60.9	55.4	52.6	49.9	52.6
47.5°	119.1	102.5	85.9	72.0	69.2	58.2	47.1	41.5	38.8	38.8	38.8
50°	113.6	91.4	74.8	60.9	52.6	47.1	36.0	30.5	27.7	27.7	27.7
52.5°	105.3	85.9	66.5	52.6	41.5	36.0	27.7	22.2	19.4	19.4	19.4
55°	94.2	77.6	58.2	44.3	36.0	27.7	19.4	13.8	11.1	11.1	11.1
57.5°	88.6	69.2	49.9	38.8	27.7	19.4	11.1	8.3	8.3	5.5	8.3
60°	80.3	60.9	41.5	30.5	22.2	13.8	8.3	2.8	2.8	2.8	2.8
62.5°	69.2	52.6	36.0	24.9	16.6	8.3	2.8	0.0	0.0	0.0	0.0
65°	58.2	41.5	27.7	19.4	11.1	2.8	0.0	0.0	0.0	0.0	0.0
67.5°	49.9	36.0	22.2	13.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	44.3	30.5	16.6	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	36.0	24.9	13.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	30.5	19.4	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	24.9	13.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	19.4	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.3	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: P599431
 CATALOG NUMBER: IFLD-S-SA2D-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0	3900.0
2.5°	3517.8	3501.1	3584.2	3720.0	3789.2	3924.9	3958.2	4044.0	4021.9	4052.3
5°	2911.2	2944.4	3066.3	3265.7	3337.7	3534.4	3720.0	3905.5	4024.6	4082.8
7.5°	2160.5	2271.3	2420.9	2603.7	2789.3	3046.9	3362.6	3578.7	3695.0	3819.7
10°	1609.3	1728.4	1900.1	2080.2	2382.1	2670.2	2985.9	3254.6	3354.3	3470.7
12.5°	1265.8	1451.4	1650.9	1844.7	2024.8	2299.0	2689.6	3080.1	3188.1	3276.8
15°	880.8	1108.0	1393.3	1645.3	1897.4	2135.6	2540.0	3013.6	3160.4	3310.0
17.5°	487.5	667.5	994.4	1348.9	1720.1	2085.7	2589.8	3135.5	3357.1	3462.4
20°	282.5	354.5	587.2	1008.2	1498.5	1977.7	2614.8	3365.4	3659.0	3711.6
22.5°	232.7	257.6	332.4	631.5	1227.1	1908.5	2742.2	3686.7	3985.9	4110.5
25°	199.4	218.8	257.6	379.5	927.9	1761.6	2822.5	4088.4	4365.3	4501.1
27.5°	177.3	196.7	227.1	279.8	631.5	1559.4	2955.5	4451.2	4728.2	4913.8
30°	155.1	171.7	202.2	238.2	437.6	1332.3	3069.0	4717.1	5107.7	5165.8
32.5°	138.5	152.3	174.5	205.0	324.1	1011.0	3160.4	4991.3	5321.0	5448.4
35°	119.1	135.7	149.6	174.5	246.5	761.7	3105.0	5204.6	5634.0	5786.3
37.5°	105.3	116.3	130.2	146.8	207.7	595.5	2991.5	5459.4	5902.6	6043.9
40°	88.6	96.9	113.6	130.2	188.4	459.8	2861.3	5766.9	6279.3	6528.6
42.5°	74.8	83.1	94.2	121.9	155.1	340.7	2598.2	6005.1	6584.0	6794.5
45°	58.2	69.2	85.9	121.9	124.6	252.1	2326.7	6182.4	6755.8	6861.0
47.5°	44.3	55.4	83.1	105.3	99.7	174.5	2005.4	6384.6	6933.0	7030.0
50°	33.2	44.3	94.2	91.4	83.1	133.0	1803.2	6525.9	6944.1	6996.7
52.5°	22.2	33.2	77.6	69.2	69.2	116.3	1747.8	6520.3	6971.8	6858.2
55°	16.6	24.9	44.3	49.9	60.9	102.5	1697.9	6728.1	6980.1	7060.4
57.5°	11.1	19.4	30.5	38.8	52.6	88.6	1595.5	6977.3	7237.7	7279.3
60°	5.5	13.8	22.2	30.5	44.3	77.6	1451.4	7160.2	7550.7	7595.0
62.5°	2.8	8.3	16.6	24.9	36.0	60.9	1301.8	6869.3	7415.0	7492.5
65°	0.0	5.5	11.1	16.6	22.2	44.3	1058.1	6201.8	6877.6	7162.9
67.5°	0.0	0.0	5.5	11.1	13.8	33.2	797.7	5642.3	6381.8	6769.6
70°	0.0	0.0	2.8	2.8	8.3	24.9	509.7	4672.8	5697.7	5910.9
72.5°	0.0	0.0	0.0	0.0	2.8	16.6	296.4	3470.7	4465.1	4861.2
75°	0.0	0.0	0.0	0.0	0.0	13.8	149.6	2232.5	3107.8	3639.6
77.5°	0.0	0.0	0.0	0.0	0.0	11.1	80.3	1440.3	2290.7	2736.6
80°	0.0	0.0	0.0	0.0	0.0	2.8	47.1	836.5	1465.3	1775.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.4	409.9	875.3	1024.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	218.8	437.6	576.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	30.5	58.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)