

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: P599576

Luminaire Tested: **IFLD-S-SA2D-827-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: P599576
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

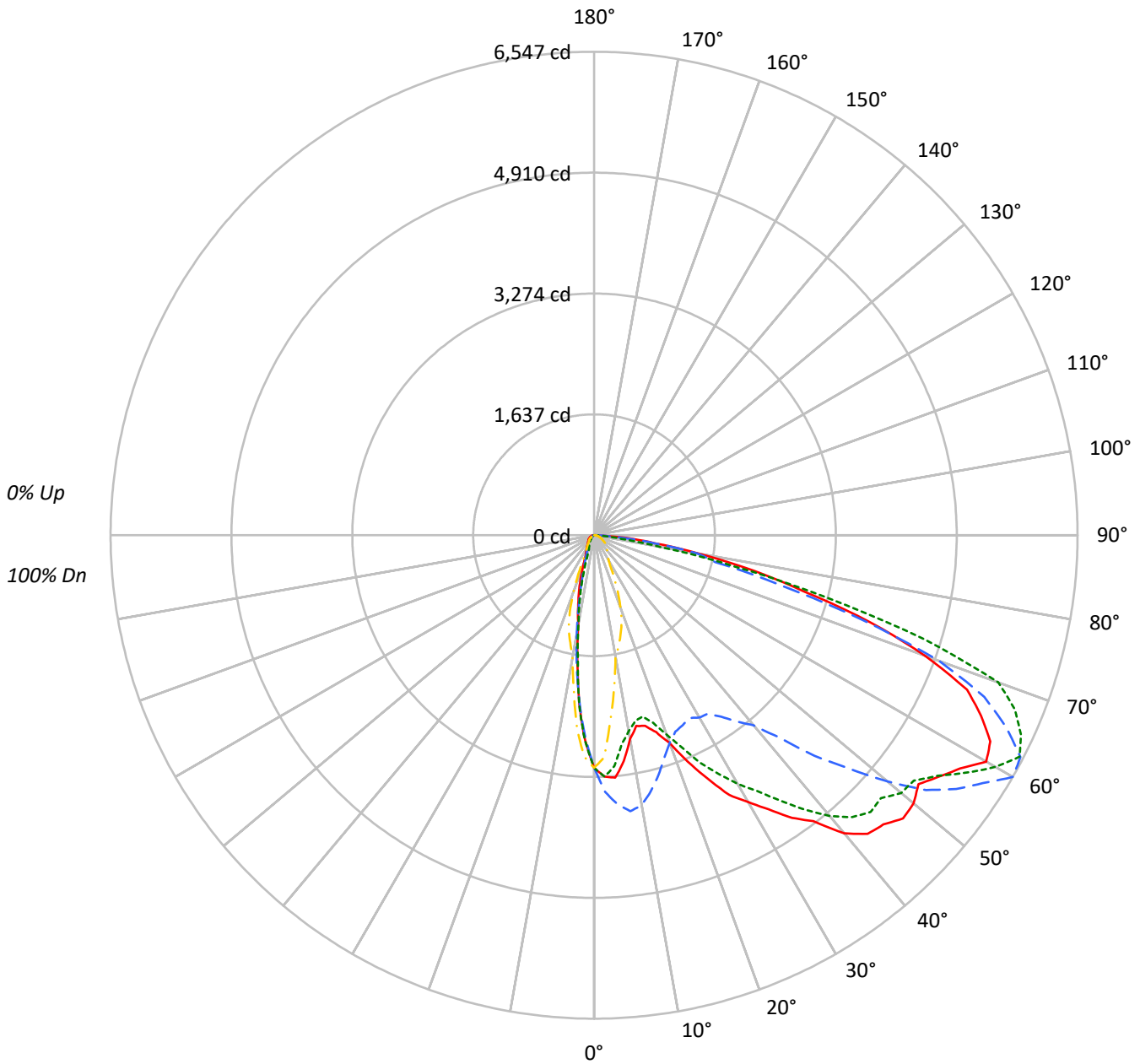
Lumens per Lamp: N/A
 Luminaire Lumens: 8373.4 lumens
 Efficiency: N/A
 Efficacy: 67.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 Input Voltage (V): 120
 Input Current (A_{in}): 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°	67778	67778	67778	67778
5°	71225	67795	49528	49820
10°	61247	58899	27080	26444
15°	59554	56612	17591	13256
20°	68644	65775	9425	4712
25°	86310	80733	6107	3665
30°	103664	96604	4947	3000
35°	122759	115180	4055	2410
40°	148112	139439	3583	1821
45°	168625	161273	3337	1224
50°	189169	181828	3296	750
55°	213925	213170	3273	334
60°	263983	270243	2984	95
65°	294551	324849	2735	0
70°	300346	366638	2530	0
75°	244391	270426	2420	0
80°	177692	113101	2492	0
85°	114882	47499	3310	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.2	2.9
10°-20°	469.0	5.6
20°-30°	649.0	7.8
30°-40°	917.3	11.0
40°-50°	1248.9	14.9
50°-60°	1654.1	19.8
60°-70°	1920.5	22.9
70°-80°	1087.6	13.0
80°-90°	187.9	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°	1357.2	16.2
0°-40°	2274.5	27.2
0°-60°	5177.5	61.8
0°-90°	8373.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8373.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3148	3148	3148	3148	3148	
5°	3296	3137	2292	2305	3296	296
15°	2672	2540	789	595	2672	784
25°	3634	3399	257	154	3634	1695
35°	4671	4383	154	92	4671	2945
45°	5539	5297	110	40	5539	4294
55°	5700	5680	87	9	5700	5164
65°	5782	6377	54	0	5782	5637
75°	2938	3251	29	0	2938	3207
85°	465	192	13	0	465	559
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°	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4
2.5°	3271.3	3340.7	3342.9	3374.2	3405.5	3405.5	3479.3	3461.4	3396.6	3385.4	3338.4
5°	3295.9	3320.5	3338.4	3497.2	3631.3	3617.9	3658.2	3631.3	3506.1	3345.1	3235.6
7.5°	3083.5	3110.3	3181.9	3452.5	3633.6	3693.9	3770.0	3602.3	3470.3	3179.7	2969.5
10°	2801.8	2853.2	2985.1	3293.7	3517.3	3709.6	3709.6	3575.4	3320.5	3036.6	2779.4
12.5°	2645.2	2748.1	2819.7	3132.7	3423.4	3555.3	3550.8	3479.3	3313.8	2956.1	2665.4
15°	2672.1	2701.1	2853.2	3096.9	3289.2	3282.5	3363.0	3340.7	3224.4	3027.6	2707.9
17.5°	2795.1	2839.8	2971.7	3096.9	3188.6	3161.8	3159.5	3266.9	3273.6	3148.4	2866.6
20°	2996.3	3128.2	3190.8	3228.9	3117.0	3003.0	2989.6	3139.4	3255.7	3302.6	3056.7
22.5°	3318.3	3405.5	3533.0	3338.4	3047.7	2904.6	2877.8	3043.3	3278.0	3486.0	3302.6
25°	3633.6	3700.7	3823.6	3573.2	3126.0	2884.5	2837.5	2980.7	3363.0	3740.9	3600.0
27.5°	3966.7	4024.9	4038.3	3745.4	3168.5	2844.3	2788.4	2980.7	3434.6	3875.1	3955.6
30°	4170.2	4239.5	4253.0	3897.4	3237.8	2877.8	2851.0	2994.1	3483.8	3989.1	4210.5
32.5°	4398.3	4416.2	4405.0	3924.3	3313.8	2976.2	2864.4	3083.5	3539.7	4125.5	4443.0
35°	4671.1	4702.4	4588.4	4047.2	3483.8	3038.8	2998.5	3193.1	3635.8	4188.1	4724.8
37.5°	4879.1	4977.4	4720.3	4094.2	3517.3	3170.7	3177.4	3421.2	3702.9	4264.1	5035.6
40°	5270.4	5104.9	4943.9	4255.2	3644.8	3394.3	3358.5	3655.9	3928.7	4313.3	5239.1
42.5°	5485.0	5397.8	5031.1	4270.8	3841.5	3702.9	3711.8	3922.0	4047.2	4452.0	5295.0
45°	5538.7	5447.0	5149.6	4282.0	4036.1	4067.4	4221.7	4261.9	4221.7	4543.6	5400.1
47.5°	5675.1	5476.1	5136.2	4431.8	4351.3	4472.1	4668.9	4756.1	4458.7	4510.1	5449.2
50°	5648.3	5534.2	5107.1	4494.5	4735.9	5055.7	5187.6	5151.9	4722.5	4440.8	5395.6
52.5°	5536.5	5413.5	5196.6	4664.4	5096.0	5482.8	5666.1	5576.7	4957.3	4597.3	5359.8
55°	5699.7	5605.8	5312.8	4894.7	5366.5	5858.4	5988.1	5921.1	5245.8	4742.7	5563.3
57.5°	5876.3	5856.2	5628.1	5165.3	5686.3	6245.3	6245.3	6162.5	5496.2	4952.8	5865.2
60°	6131.2	6176.0	5860.7	5344.2	5795.8	6222.9	6547.1	6451.0	5748.9	5321.8	6207.3
62.5°	6048.5	6191.6	6160.3	5728.8	5921.1	6332.5	6509.1	6580.7	6061.9	5771.2	6663.4
65°	5782.4	5934.5	6158.1	5981.4	5827.1	6066.4	6155.8	6372.7	6218.4	6193.9	6851.2
67.5°	5464.9	5630.4	5769.0	6151.4	5637.1	5795.8	5717.6	5786.9	6048.5	6656.7	6958.6
70°	4771.7	4930.5	5149.6	5773.5	5134.0	4990.9	4970.7	4937.2	5344.2	6491.2	6471.1
72.5°	3924.3	3998.1	4360.3	4693.5	3799.0	3772.2	3803.5	3765.5	4237.3	5876.3	5543.2
75°	2938.2	3012.0	3217.7	3604.5	2587.1	2432.8	2611.7	2788.4	3235.6	4561.5	3982.4
77.5°	2209.2	2303.1	2432.8	2696.7	1898.4	1656.9	1681.5	1849.2	2338.9	3653.7	2231.6
80°	1433.3	1422.1	1672.6	1855.9	1428.8	1473.6	1410.9	1533.9	1694.9	1954.3	1140.4
82.5°	827.3	838.5	943.6	1064.4	995.0	1138.1	820.6	1370.7	1209.7	796.0	424.8
85°	465.1	485.2	581.4	737.9	623.9	418.1	342.1	679.8	760.3	326.5	205.7
87.5°	47.0	40.2	78.3	279.5	169.9	69.3	102.9	163.2	183.4	123.0	60.4
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°	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4
2.5°	3271.3	3271.3	3215.4	3121.5	3083.5	3016.4	2924.7	2953.8	2922.5	2808.5	2779.4
5°	3137.2	3029.8	2913.6	2770.5	2687.7	2517.8	2464.1	2368.0	2383.6	2287.5	2291.9
7.5°	2857.7	2772.7	2575.9	2388.1	2224.9	2077.3	1869.3	1791.1	1715.0	1677.0	1721.8
10°	2694.4	2535.7	2267.4	2021.4	1804.5	1672.6	1533.9	1426.6	1328.2	1254.4	1238.8
12.5°	2575.9	2435.1	2110.8	1811.2	1641.3	1533.9	1406.5	1258.9	1162.7	1035.3	997.3
15°	2540.1	2368.0	2025.9	1728.5	1563.0	1386.3	1241.0	1095.7	970.4	836.3	789.3
17.5°	2663.1	2464.1	2023.6	1661.4	1428.8	1238.8	1037.5	874.3	746.8	623.9	594.8
20°	2871.1	2567.0	2088.5	1621.1	1301.4	1046.5	818.4	655.2	512.1	431.6	411.4
22.5°	3108.1	2741.4	2095.2	1513.8	1173.9	854.2	597.0	431.6	351.1	313.0	301.9
25°	3398.8	3020.9	2175.7	1426.6	1024.1	648.5	424.8	330.9	284.0	261.6	257.1
27.5°	3638.0	3215.4	2262.9	1334.9	876.5	480.8	333.2	270.6	246.0	223.6	221.4
30°	3886.2	3439.0	2287.5	1279.0	749.1	395.8	286.2	239.3	212.4	201.2	199.0
32.5°	4103.1	3682.8	2365.7	1187.3	628.3	348.8	259.4	214.7	196.8	178.9	176.6
35°	4382.7	3823.6	2403.8	1138.1	583.6	315.3	237.0	196.8	169.9	158.8	154.3
37.5°	4682.3	3960.0	2428.3	1100.1	545.6	295.2	223.6	185.6	161.0	145.3	140.9
40°	4961.8	4152.3	2392.6	1053.2	516.5	270.6	214.7	172.2	149.8	134.2	127.5
42.5°	5176.4	4340.2	2381.4	1008.5	485.2	261.6	203.5	165.5	140.9	123.0	120.7
45°	5297.2	4467.6	2303.1	972.7	460.6	266.1	199.0	156.5	134.2	118.5	109.6
47.5°	5268.1	4566.0	2323.3	961.5	427.1	248.2	196.8	149.8	123.0	109.6	102.9
50°	5429.1	4765.0	2289.7	925.7	402.5	223.6	214.7	149.8	120.7	105.1	98.4
52.5°	5456.0	4946.1	2361.3	860.9	364.5	205.7	212.4	147.6	116.3	100.6	91.7
55°	5679.6	5156.3	2499.9	825.1	333.2	178.9	194.5	143.1	105.1	91.7	87.2
57.5°	5983.7	5592.4	2589.3	791.6	290.7	156.5	163.2	140.9	96.2	85.0	78.3
60°	6276.6	5766.8	2596.1	731.2	250.4	140.9	127.5	140.9	89.4	76.0	69.3
62.5°	6495.7	5766.8	2551.3	679.8	219.1	125.2	111.8	134.2	80.5	67.1	62.6
65°	6377.2	5612.5	2435.1	637.3	199.0	109.6	96.2	102.9	71.6	58.1	53.7
67.5°	6164.8	5131.7	2177.9	585.8	196.8	96.2	82.7	76.0	62.6	51.4	47.0
70°	5824.9	4483.3	1813.4	527.7	192.3	87.2	73.8	64.8	55.9	44.7	40.2
72.5°	4693.5	3702.9	1489.2	494.2	187.8	76.0	62.6	55.9	47.0	38.0	33.5
75°	3251.2	2365.7	1147.1	422.6	183.4	69.3	58.1	49.2	40.2	31.3	29.1
77.5°	1949.8	1580.9	740.1	317.5	120.7	55.9	49.2	38.0	33.5	26.8	24.6
80°	912.3	746.8	299.6	123.0	58.1	40.2	33.5	29.1	26.8	22.4	20.1
82.5°	357.8	315.3	145.3	71.6	47.0	31.3	26.8	24.6	22.4	17.9	15.7
85°	192.3	169.9	69.3	49.2	33.5	22.4	22.4	20.1	17.9	15.7	13.4
87.5°	42.5	31.3	29.1	29.1	24.6	17.9	17.9	15.7	13.4	11.2	8.9
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°	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4
2.5°	2763.8	2797.3	2743.6	2777.2	2730.2	2766.0	2770.5	2736.9	2745.9	2790.6	2810.7
5°	2354.6	2332.2	2283.0	2267.4	2269.6	2240.5	2251.7	2267.4	2291.9	2305.4	2345.6
7.5°	1697.2	1748.6	1746.4	1784.4	1786.6	1782.1	1750.8	1683.7	1706.1	1688.2	1710.6
10°	1214.2	1236.5	1279.0	1303.6	1348.3	1323.7	1252.2	1225.4	1211.9	1209.7	1232.1
12.5°	970.4	916.8	912.3	921.3	943.6	914.5	878.8	847.5	863.1	894.4	919.0
15°	751.3	706.6	648.5	639.5	644.0	630.6	592.6	552.3	563.5	594.8	612.7
17.5°	576.9	525.5	485.2	458.4	449.4	402.5	346.6	313.0	304.1	301.9	317.5
20°	389.1	380.1	373.4	339.9	339.9	272.8	225.8	201.2	201.2	205.7	208.0
22.5°	290.7	279.5	281.7	275.0	257.1	203.5	178.9	172.2	172.2	176.6	176.6
25°	252.7	237.0	232.5	230.3	212.4	174.4	156.5	149.8	149.8	154.3	154.3
27.5°	214.7	210.2	203.5	194.5	178.9	149.8	138.6	131.9	134.2	136.4	134.2
30°	196.8	185.6	176.6	176.6	158.8	134.2	125.2	120.7	116.3	120.7	123.0
32.5°	174.4	167.7	163.2	156.5	136.4	118.5	109.6	105.1	102.9	102.9	105.1
35°	149.8	149.8	145.3	136.4	118.5	107.3	96.2	91.7	89.4	91.7	91.7
37.5°	134.2	127.5	129.7	120.7	105.1	93.9	82.7	78.3	78.3	76.0	78.3
40°	125.2	114.0	107.3	102.9	93.9	80.5	71.6	67.1	64.8	64.8	64.8
42.5°	111.8	102.9	89.4	87.2	85.0	69.3	58.1	55.9	53.7	51.4	51.4
45°	105.1	91.7	80.5	69.3	69.3	58.1	49.2	44.7	42.5	40.2	42.5
47.5°	96.2	82.7	69.3	58.1	55.9	47.0	38.0	33.5	31.3	31.3	31.3
50°	91.7	73.8	60.4	49.2	42.5	38.0	29.1	24.6	22.4	22.4	22.4
52.5°	85.0	69.3	53.7	42.5	33.5	29.1	22.4	17.9	15.7	15.7	15.7
55°	76.0	62.6	47.0	35.8	29.1	22.4	15.7	11.2	8.9	8.9	8.9
57.5°	71.6	55.9	40.2	31.3	22.4	15.7	8.9	6.7	6.7	4.5	6.7
60°	64.8	49.2	33.5	24.6	17.9	11.2	6.7	2.2	2.2	2.2	2.2
62.5°	55.9	42.5	29.1	20.1	13.4	6.7	2.2	0.0	0.0	0.0	0.0
65°	47.0	33.5	22.4	15.7	8.9	2.2	0.0	0.0	0.0	0.0	0.0
67.5°	40.2	29.1	17.9	11.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	35.8	24.6	13.4	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	29.1	20.1	11.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	24.6	15.7	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	20.1	11.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	15.7	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	13.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.7	2.2	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: P599576
 CATALOG NUMBER: IFLD-S-SA2D-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4	3148.4
2.5°	2839.8	2826.4	2893.4	3003.0	3058.9	3168.5	3195.3	3264.6	3246.7	3271.3
5°	2350.1	2376.9	2475.3	2636.3	2694.4	2853.2	3003.0	3152.8	3249.0	3295.9
7.5°	1744.1	1833.6	1954.3	2101.9	2251.7	2459.7	2714.6	2889.0	2982.9	3083.5
10°	1299.1	1395.3	1533.9	1679.3	1923.0	2155.5	2410.5	2627.4	2707.9	2801.8
12.5°	1021.9	1171.7	1332.7	1489.2	1634.6	1855.9	2171.2	2486.5	2573.7	2645.2
15°	711.1	894.4	1124.7	1328.2	1531.7	1724.0	2050.5	2432.8	2551.3	2672.1
17.5°	393.5	538.9	802.7	1089.0	1388.6	1683.7	2090.7	2531.2	2710.1	2795.1
20°	228.1	286.2	474.0	813.9	1209.7	1596.5	2110.8	2716.8	2953.8	2996.3
22.5°	187.8	208.0	268.3	509.8	990.6	1540.6	2213.7	2976.2	3217.7	3318.3
25°	161.0	176.6	208.0	306.3	749.1	1422.1	2278.5	3300.4	3524.0	3633.6
27.5°	143.1	158.8	183.4	225.8	509.8	1258.9	2385.9	3593.3	3816.9	3966.7
30°	125.2	138.6	163.2	192.3	353.3	1075.5	2477.5	3808.0	4123.3	4170.2
32.5°	111.8	123.0	140.9	165.5	261.6	816.2	2551.3	4029.4	4295.4	4398.3
35°	96.2	109.6	120.7	140.9	199.0	614.9	2506.6	4201.5	4548.1	4671.1
37.5°	85.0	93.9	105.1	118.5	167.7	480.8	2414.9	4407.2	4765.0	4879.1
40°	71.6	78.3	91.7	105.1	152.1	371.2	2309.8	4655.4	5069.1	5270.4
42.5°	60.4	67.1	76.0	98.4	125.2	275.0	2097.4	4847.7	5315.1	5485.0
45°	47.0	55.9	69.3	98.4	100.6	203.5	1878.3	4990.9	5453.7	5538.7
47.5°	35.8	44.7	67.1	85.0	80.5	140.9	1618.9	5154.1	5596.8	5675.1
50°	26.8	35.8	76.0	73.8	67.1	107.3	1455.7	5268.1	5605.8	5648.3
52.5°	17.9	26.8	62.6	55.9	55.9	93.9	1410.9	5263.7	5628.1	5536.5
55°	13.4	20.1	35.8	40.2	49.2	82.7	1370.7	5431.4	5634.8	5699.7
57.5°	8.9	15.7	24.6	31.3	42.5	71.6	1288.0	5632.6	5842.8	5876.3
60°	4.5	11.2	17.9	24.6	35.8	62.6	1171.7	5780.2	6095.5	6131.2
62.5°	2.2	6.7	13.4	20.1	29.1	49.2	1050.9	5545.4	5985.9	6048.5
65°	0.0	4.5	8.9	13.4	17.9	35.8	854.2	5006.5	5552.1	5782.4
67.5°	0.0	0.0	4.5	8.9	11.2	26.8	644.0	4554.8	5151.9	5464.9
70°	0.0	0.0	2.2	2.2	6.7	20.1	411.4	3772.2	4599.5	4771.7
72.5°	0.0	0.0	0.0	0.0	2.2	13.4	239.3	2801.8	3604.5	3924.3
75°	0.0	0.0	0.0	0.0	0.0	11.2	120.7	1802.3	2508.8	2938.2
77.5°	0.0	0.0	0.0	0.0	0.0	8.9	64.8	1162.7	1849.2	2209.2
80°	0.0	0.0	0.0	0.0	0.0	2.2	38.0	675.3	1182.9	1433.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	15.7	330.9	706.6	827.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	4.5	176.6	353.3	465.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	24.6	47.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)