

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: P599588

Luminaire Tested: **IFLD-M-SA4A-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: P599588
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4A-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

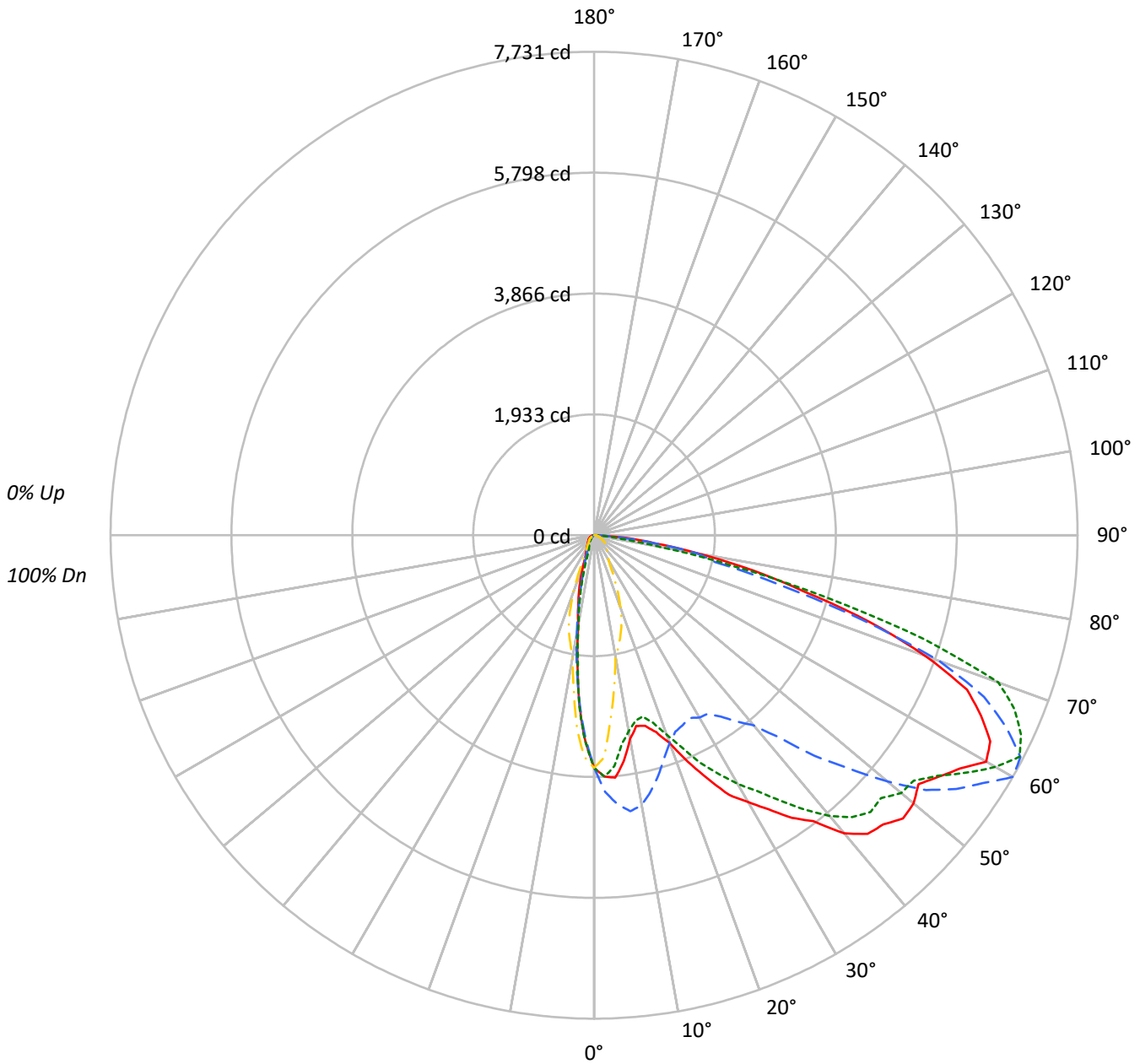
Lumens per Lamp: N/A
 Luminaire Lumens: 9887.5 lumens
 Efficiency: N/A
 Efficacy: 76.9 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 128.6
 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					
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			
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79					79			
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61					61			
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48					48			
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39					39			
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32					32			
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27					27			
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23					23			
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20					20			
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18					18			
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16					16			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40016	40016	40016	40016
5°	42052	40026	29243	29413
10°	36161	34775	15988	15612
15°	35160	33424	10386	7826
20°	40528	38834	5565	2782
25°	50958	47665	3606	2164
30°	61205	57036	2921	1772
35°	72478	68002	2394	1423
40°	87445	82325	2115	1076
45°	99558	95217	1970	723
50°	111685	107353	1946	442
55°	126303	125856	1933	199
60°	155859	159554	1763	56
65°	173906	191794	1615	0
70°	177327	216465	1495	0
75°	144287	159663	1426	0
80°	104913	66779	1475	0
85°	67827	28047	1951	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.4	2.9
10°-20°	553.8	5.6
20°-30°	766.4	7.8
30°-40°	1083.1	11.0
40°-50°	1474.7	14.9
50°-60°	1953.1	19.8
60°-70°	2267.7	22.9
70°-80°	1284.2	13.0
80°-90°	221.9	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°	1602.7	16.2
0°-40°	2685.8	27.2
0°-60°	6113.6	61.8
0°-90°	9887.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9887.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3718	3718	3718	3718	3718	
5°	3892	3704	2706	2722	3892	349
15°	3155	2999	932	702	3155	925
25°	4291	4013	304	182	4291	2001
35°	5516	5175	182	108	5516	3477
45°	6540	6255	129	48	6540	5071
55°	6730	6706	103	11	6730	6098
65°	6828	7530	63	0	6828	6656
75°	3469	3839	34	0	3469	3787
85°	549	227	16	0	549	660
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°	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6
2.5°	3862.8	3944.7	3947.3	3984.3	4021.3	4021.3	4108.4	4087.3	4010.7	3997.5	3942.1
5°	3891.9	3920.9	3942.1	4129.5	4287.9	4272.1	4319.6	4287.9	4140.1	3950.0	3820.6
7.5°	3641.1	3672.7	3757.2	4076.7	4290.6	4361.9	4451.6	4253.6	4097.8	3754.6	3506.4
10°	3308.4	3369.1	3524.9	3889.2	4153.3	4380.3	4380.3	4221.9	3920.9	3585.6	3282.0
12.5°	3123.5	3245.0	3329.5	3699.1	4042.4	4198.2	4192.9	4108.4	3913.0	3490.5	3147.3
15°	3155.2	3189.5	3369.1	3656.9	3884.0	3876.0	3971.1	3944.7	3807.4	3575.0	3197.5
17.5°	3300.4	3353.3	3509.0	3656.9	3765.1	3733.5	3730.8	3857.6	3865.5	3717.6	3384.9
20°	3538.1	3693.9	3767.8	3812.7	3680.7	3546.0	3530.2	3707.1	3844.4	3899.8	3609.4
22.5°	3918.3	4021.3	4171.8	3942.1	3598.8	3429.8	3398.1	3593.5	3870.8	4116.3	3899.8
25°	4290.6	4369.8	4515.0	4219.3	3691.2	3406.1	3350.6	3519.6	3971.1	4417.3	4251.0
27.5°	4684.0	4752.6	4768.5	4422.6	3741.4	3358.5	3292.5	3519.6	4055.6	4575.7	4670.8
30°	4924.3	5006.1	5022.0	4602.1	3823.2	3398.1	3366.5	3535.4	4113.7	4710.4	4971.8
32.5°	5193.6	5214.7	5201.5	4633.8	3913.0	3514.3	3382.3	3641.1	4179.7	4871.5	5246.4
35°	5515.7	5552.7	5418.0	4779.0	4113.7	3588.2	3540.7	3770.4	4293.2	4945.4	5579.1
37.5°	5761.3	5877.4	5573.8	4834.5	4153.3	3744.0	3751.9	4039.7	4372.4	5035.2	5946.1
40°	6223.3	6027.9	5837.8	5024.6	4303.8	4008.1	3965.8	4317.0	4639.1	5093.2	6186.4
42.5°	6476.8	6373.8	5940.8	5043.1	4536.1	4372.4	4383.0	4631.2	4779.0	5256.9	6252.4
45°	6540.2	6431.9	6080.7	5056.3	4765.8	4802.8	4985.0	5032.5	4985.0	5365.2	6376.5
47.5°	6701.2	6466.2	6064.9	5233.2	5138.1	5280.7	5513.1	5616.0	5264.9	5325.6	6434.5
50°	6669.5	6534.9	6030.6	5307.1	5592.3	5969.8	6125.6	6083.4	5576.4	5243.7	6371.2
52.5°	6537.5	6392.3	6136.2	5507.8	6017.4	6474.2	6690.7	6585.0	5853.7	5428.6	6328.9
55°	6730.3	6619.4	6273.5	5779.7	6336.9	6917.7	7070.9	6991.7	6194.3	5600.2	6569.2
57.5°	6938.9	6915.1	6645.8	6099.2	6714.4	7374.5	7374.5	7276.8	6490.0	5848.4	6925.7
60°	7239.9	7292.7	6920.4	6310.4	6843.8	7348.1	7731.0	7617.4	6788.4	6284.0	7329.6
62.5°	7142.2	7311.1	7274.2	6764.6	6991.7	7477.5	7686.1	7770.6	7158.0	6814.8	7868.3
65°	6828.0	7007.5	7271.5	7063.0	6880.8	7163.3	7268.9	7525.0	7342.8	7313.8	8090.0
67.5°	6453.0	6648.4	6812.1	7263.6	6656.3	6843.8	6751.4	6833.2	7142.2	7860.3	8216.8
70°	5634.5	5822.0	6080.7	6817.4	6062.3	5893.3	5869.5	5829.9	6310.4	7665.0	7641.2
72.5°	4633.8	4721.0	5148.7	5542.1	4486.0	4454.3	4491.2	4446.4	5003.5	6938.9	6545.4
75°	3469.4	3556.6	3799.5	4256.3	3054.9	2872.7	3083.9	3292.5	3820.6	5386.3	4702.5
77.5°	2608.7	2719.6	2872.7	3184.3	2241.7	1956.5	1985.5	2183.6	2761.8	4314.3	2635.1
80°	1692.5	1679.3	1975.0	2191.5	1687.2	1740.0	1666.1	1811.3	2001.4	2307.7	1346.6
82.5°	976.9	990.1	1114.2	1256.8	1175.0	1343.9	969.0	1618.5	1428.4	940.0	501.7
85°	549.2	573.0	686.5	871.3	736.7	493.7	404.0	802.7	897.7	385.5	242.9
87.5°	55.4	47.5	92.4	330.0	200.7	81.9	121.5	192.7	216.5	145.2	71.3
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°	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6
2.5°	3862.8	3862.8	3796.8	3685.9	3641.1	3561.8	3453.6	3487.9	3450.9	3316.3	3282.0
5°	3704.4	3577.7	3440.4	3271.4	3173.7	2973.0	2909.7	2796.1	2814.6	2701.1	2706.4
7.5°	3374.4	3274.0	3041.7	2819.9	2627.2	2452.9	2207.3	2114.9	2025.2	1980.3	2033.1
10°	3181.6	2994.2	2677.3	2386.9	2130.8	1975.0	1811.3	1684.5	1568.4	1481.2	1462.8
12.5°	3041.7	2875.3	2492.5	2138.7	1938.0	1811.3	1660.8	1486.5	1373.0	1222.5	1177.6
15°	2999.4	2796.1	2392.2	2041.0	1845.6	1637.0	1465.4	1293.8	1145.9	987.5	932.0
17.5°	3144.7	2909.7	2389.5	1961.8	1687.2	1462.8	1225.1	1032.4	881.9	736.7	702.3
20°	3390.2	3031.1	2466.1	1914.3	1536.7	1235.7	966.4	773.6	604.6	509.6	485.8
22.5°	3670.1	3237.1	2474.0	1787.5	1386.2	1008.6	705.0	509.6	414.5	369.6	356.4
25°	4013.3	3567.1	2569.1	1684.5	1209.3	765.7	501.7	390.8	335.3	308.9	303.6
27.5°	4295.9	3796.8	2672.0	1576.3	1035.0	567.7	393.4	319.5	290.4	264.0	261.4
30°	4588.9	4060.9	2701.1	1510.3	884.5	467.3	338.0	282.5	250.8	237.6	235.0
32.5°	4845.1	4348.7	2793.5	1402.0	741.9	411.9	306.3	253.5	232.4	211.2	208.6
35°	5175.1	4515.0	2838.4	1343.9	689.1	372.3	279.9	232.4	200.7	187.5	182.2
37.5°	5528.9	4676.1	2867.4	1299.1	644.2	348.5	264.0	219.1	190.1	171.6	166.3
40°	5858.9	4903.1	2825.2	1243.6	609.9	319.5	253.5	203.3	176.9	158.4	150.5
42.5°	6112.4	5124.9	2812.0	1190.8	573.0	308.9	240.3	195.4	166.3	145.2	142.6
45°	6255.0	5275.4	2719.6	1148.6	543.9	314.2	235.0	184.8	158.4	139.9	129.4
47.5°	6220.7	5391.6	2743.3	1135.4	504.3	293.1	232.4	176.9	145.2	129.4	121.5
50°	6410.8	5626.6	2703.7	1093.1	475.3	264.0	253.5	176.9	142.6	124.1	116.2
52.5°	6442.5	5840.5	2788.2	1016.5	430.4	242.9	250.8	174.3	137.3	118.8	108.3
55°	6706.5	6088.7	2951.9	974.3	393.4	211.2	229.7	169.0	124.1	108.3	103.0
57.5°	7065.6	6603.5	3057.5	934.7	343.2	184.8	192.7	166.3	113.5	100.3	92.4
60°	7411.5	6809.5	3065.5	863.4	295.7	166.3	150.5	166.3	105.6	89.8	81.9
62.5°	7670.2	6809.5	3012.6	802.7	258.8	147.9	132.0	158.4	95.1	79.2	73.9
65°	7530.3	6627.3	2875.3	752.5	235.0	129.4	113.5	121.5	84.5	68.6	63.4
67.5°	7279.5	6059.6	2571.7	691.8	232.4	113.5	97.7	89.8	73.9	60.7	55.4
70°	6878.1	5293.9	2141.3	623.1	227.1	103.0	87.1	76.6	66.0	52.8	47.5
72.5°	5542.1	4372.4	1758.5	583.5	221.8	89.8	73.9	66.0	55.4	44.9	39.6
75°	3839.1	2793.5	1354.5	499.0	216.5	81.9	68.6	58.1	47.5	37.0	34.3
77.5°	2302.4	1866.7	874.0	374.9	142.6	66.0	58.1	44.9	39.6	31.7	29.0
80°	1077.3	881.9	353.8	145.2	68.6	47.5	39.6	34.3	31.7	26.4	23.8
82.5°	422.5	372.3	171.6	84.5	55.4	37.0	31.7	29.0	26.4	21.1	18.5
85°	227.1	200.7	81.9	58.1	39.6	26.4	26.4	23.8	21.1	18.5	15.8
87.5°	50.2	37.0	34.3	34.3	29.0	21.1	21.1	18.5	15.8	13.2	10.6
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°	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6
2.5°	3263.5	3303.1	3239.7	3279.3	3223.9	3266.1	3271.4	3231.8	3242.4	3295.2	3318.9
5°	2780.3	2753.9	2695.8	2677.3	2680.0	2645.6	2658.8	2677.3	2706.4	2722.2	2769.7
7.5°	2004.0	2064.8	2062.1	2107.0	2109.6	2104.4	2067.4	1988.2	2014.6	1993.5	2019.9
10°	1433.7	1460.1	1510.3	1539.3	1592.1	1563.1	1478.6	1446.9	1431.1	1428.4	1454.8
12.5°	1145.9	1082.5	1077.3	1087.8	1114.2	1079.9	1037.7	1000.7	1019.2	1056.1	1085.2
15°	887.2	834.4	765.7	755.1	760.4	744.6	699.7	652.2	665.4	702.3	723.5
17.5°	681.2	620.5	573.0	541.3	530.7	475.3	409.3	369.6	359.1	356.4	374.9
20°	459.4	448.9	440.9	401.3	401.3	322.1	266.7	237.6	237.6	242.9	245.6
22.5°	343.2	330.0	332.7	324.8	303.6	240.3	211.2	203.3	203.3	208.6	208.6
25°	298.4	279.9	274.6	272.0	250.8	205.9	184.8	176.9	176.9	182.2	182.2
27.5°	253.5	248.2	240.3	229.7	211.2	176.9	163.7	155.8	158.4	161.1	158.4
30°	232.4	219.1	208.6	208.6	187.5	158.4	147.9	142.6	137.3	142.6	145.2
32.5°	205.9	198.0	192.7	184.8	161.1	139.9	129.4	124.1	121.5	121.5	124.1
35°	176.9	176.9	171.6	161.1	139.9	126.7	113.5	108.3	105.6	108.3	108.3
37.5°	158.4	150.5	153.1	142.6	124.1	110.9	97.7	92.4	92.4	89.8	92.4
40°	147.9	134.7	126.7	121.5	110.9	95.1	84.5	79.2	76.6	76.6	76.6
42.5°	132.0	121.5	105.6	103.0	100.3	81.9	68.6	66.0	63.4	60.7	60.7
45°	124.1	108.3	95.1	81.9	81.9	68.6	58.1	52.8	50.2	47.5	50.2
47.5°	113.5	97.7	81.9	68.6	66.0	55.4	44.9	39.6	37.0	37.0	37.0
50°	108.3	87.1	71.3	58.1	50.2	44.9	34.3	29.0	26.4	26.4	26.4
52.5°	100.3	81.9	63.4	50.2	39.6	34.3	26.4	21.1	18.5	18.5	18.5
55°	89.8	73.9	55.4	42.2	34.3	26.4	18.5	13.2	10.6	10.6	10.6
57.5°	84.5	66.0	47.5	37.0	26.4	18.5	10.6	7.9	7.9	5.3	7.9
60°	76.6	58.1	39.6	29.0	21.1	13.2	7.9	2.6	2.6	2.6	2.6
62.5°	66.0	50.2	34.3	23.8	15.8	7.9	2.6	0.0	0.0	0.0	0.0
65°	55.4	39.6	26.4	18.5	10.6	2.6	0.0	0.0	0.0	0.0	0.0
67.5°	47.5	34.3	21.1	13.2	7.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	42.2	29.0	15.8	10.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	34.3	23.8	13.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	29.0	18.5	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	23.8	13.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	18.5	10.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	2.6	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: P599588
 CATALOG NUMBER: IFLD-M-SA4A-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6	3717.6
2.5°	3353.3	3337.4	3416.6	3546.0	3612.0	3741.4	3773.1	3854.9	3833.8	3862.8
5°	2775.0	2806.7	2922.9	3113.0	3181.6	3369.1	3546.0	3722.9	3836.4	3891.9
7.5°	2059.5	2165.1	2307.7	2481.9	2658.8	2904.4	3205.4	3411.3	3522.2	3641.1
10°	1534.0	1647.6	1811.3	1982.9	2270.7	2545.3	2846.3	3102.4	3197.5	3308.4
12.5°	1206.6	1383.5	1573.7	1758.5	1930.1	2191.5	2563.8	2936.1	3039.0	3123.5
15°	839.6	1056.1	1328.1	1568.4	1808.6	2035.7	2421.2	2872.7	3012.6	3155.2
17.5°	464.7	636.3	947.9	1285.9	1639.7	1988.2	2468.7	2988.9	3200.1	3300.4
20°	269.3	338.0	559.8	961.1	1428.4	1885.2	2492.5	3208.0	3487.9	3538.1
22.5°	221.8	245.6	316.8	602.0	1169.7	1819.2	2614.0	3514.3	3799.5	3918.3
25°	190.1	208.6	245.6	361.7	884.5	1679.3	2690.5	3897.2	4161.2	4290.6
27.5°	169.0	187.5	216.5	266.7	602.0	1486.5	2817.3	4243.1	4507.1	4684.0
30°	147.9	163.7	192.7	227.1	417.2	1270.0	2925.5	4496.5	4868.8	4924.3
32.5°	132.0	145.2	166.3	195.4	308.9	963.7	3012.6	4757.9	5072.1	5193.6
35°	113.5	129.4	142.6	166.3	235.0	726.1	2959.8	4961.2	5370.5	5515.7
37.5°	100.3	110.9	124.1	139.9	198.0	567.7	2851.6	5204.1	5626.6	5761.3
40°	84.5	92.4	108.3	124.1	179.5	438.3	2727.5	5497.2	5985.7	6223.3
42.5°	71.3	79.2	89.8	116.2	147.9	324.8	2476.7	5724.3	6276.1	6476.8
45°	55.4	66.0	81.9	116.2	118.8	240.3	2217.9	5893.3	6439.8	6540.2
47.5°	42.2	52.8	79.2	100.3	95.1	166.3	1911.6	6086.0	6608.8	6701.2
50°	31.7	42.2	89.8	87.1	79.2	126.7	1718.9	6220.7	6619.4	6669.5
52.5°	21.1	31.7	73.9	66.0	66.0	110.9	1666.1	6215.4	6645.8	6537.5
55°	15.8	23.8	42.2	47.5	58.1	97.7	1618.5	6413.4	6653.7	6730.3
57.5°	10.6	18.5	29.0	37.0	50.2	84.5	1520.8	6651.1	6899.2	6938.9
60°	5.3	13.2	21.1	29.0	42.2	73.9	1383.5	6825.3	7197.6	7239.9
62.5°	2.6	7.9	15.8	23.8	34.3	58.1	1241.0	6548.1	7068.2	7142.2
65°	0.0	5.3	10.6	15.8	21.1	42.2	1008.6	5911.8	6556.0	6828.0
67.5°	0.0	0.0	5.3	10.6	13.2	31.7	760.4	5378.4	6083.4	6453.0
70°	0.0	0.0	2.6	2.6	7.9	23.8	485.8	4454.3	5431.2	5634.5
72.5°	0.0	0.0	0.0	0.0	2.6	15.8	282.5	3308.4	4256.3	4633.8
75°	0.0	0.0	0.0	0.0	0.0	13.2	142.6	2128.1	2962.5	3469.4
77.5°	0.0	0.0	0.0	0.0	0.0	10.6	76.6	1373.0	2183.6	2608.7
80°	0.0	0.0	0.0	0.0	0.0	2.6	44.9	797.4	1396.7	1692.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.5	390.8	834.4	976.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.3	208.6	417.2	549.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	29.0	55.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)