

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: P599619

Luminaire Tested: **IFLD-M-SA4C-830-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: P599619
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

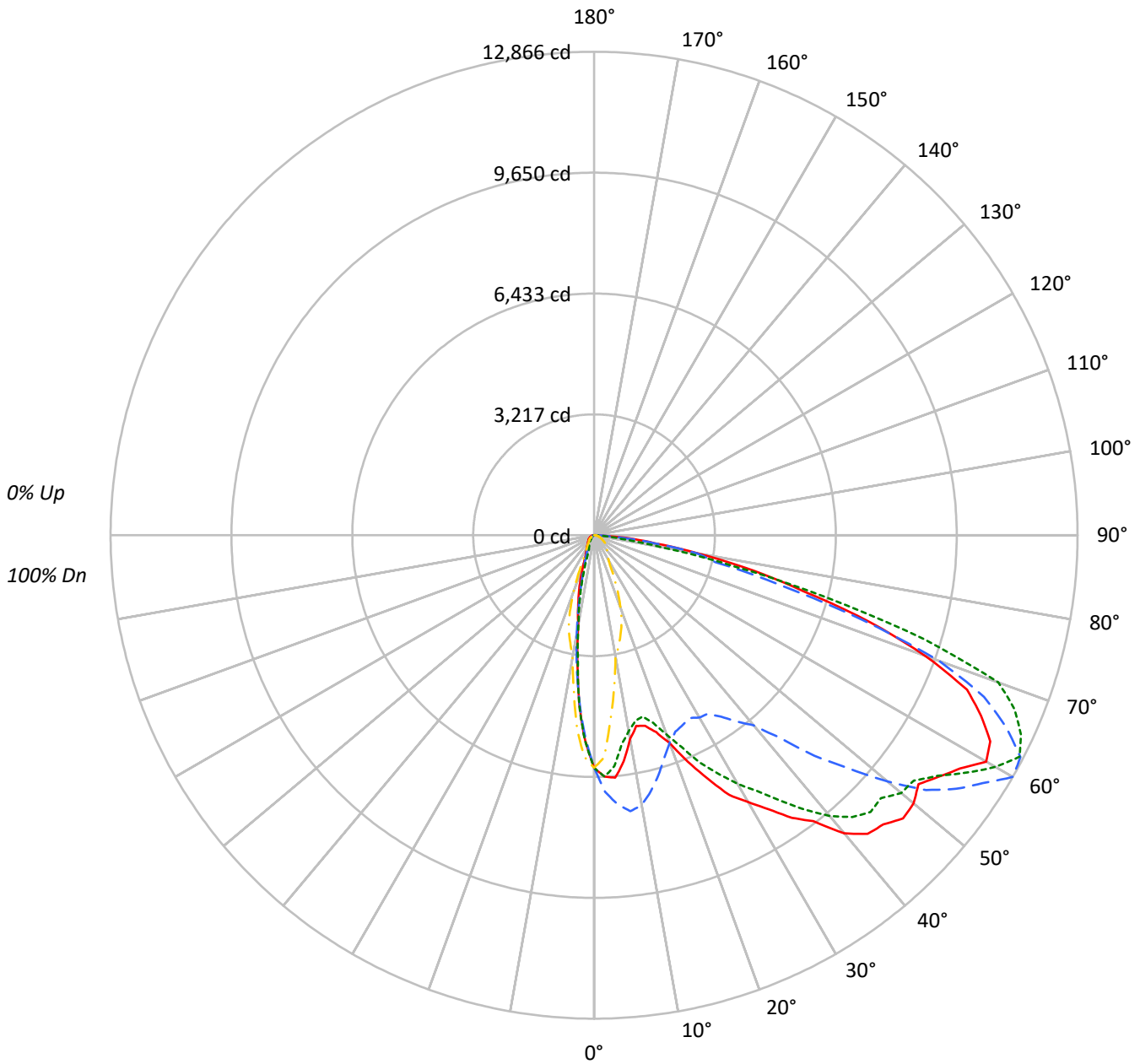
Lumens per Lamp: N/A
 Luminaire Lumens: 16454.5 lumens
 Efficiency: N/A
 Efficacy: 75.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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°	66594	66594	66594	66594
5°	69982	66611	48665	48949
10°	60177	57872	26607	25983
15°	58514	55625	17285	13025
20°	67445	64626	9261	4630
25°	84803	79323	6001	3601
30°	101854	94919	4861	2949
35°	120616	113168	3984	2368
40°	145525	137004	3520	1790
45°	165681	158457	3277	1204
50°	185865	178655	3237	735
55°	210190	209447	3217	330
60°	259376	265524	2932	95
65°	289408	319177	2687	0
70°	295103	360236	2489	0
75°	240120	265705	2375	0
80°	174592	111130	2448	0
85°	112881	46671	3260	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	470.0	2.9
10°-20°	921.7	5.6
20°-30°	1275.4	7.8
30°-40°	1802.5	11.0
40°-50°	2454.1	14.9
50°-60°	3250.4	19.8
60°-70°	3773.9	22.9
70°-80°	2137.2	13.0
80°-90°	369.3	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°	2667.1	16.2
0°-40°	4469.6	27.2
0°-60°	10174.1	61.8
0°-90°	16454.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16454.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6187	6187	6187	6187	6187	
5°	6477	6165	4504	4530	6477	582
15°	5251	4992	1551	1169	5251	1540
25°	7140	6679	505	303	7140	3330
35°	9179	8612	303	180	9179	5787
45°	10884	10409	215	79	10884	8438
55°	11200	11161	171	18	11200	10148
65°	11363	12532	106	0	11363	11077
75°	5774	6389	57	0	5774	6301
85°	914	378	26	0	914	1098
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°	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8
2.5°	6428.5	6564.7	6569.1	6630.6	6692.1	6692.1	6837.1	6801.9	6674.5	6652.5	6560.3
5°	6476.8	6525.1	6560.3	6872.2	7135.9	7109.5	7188.6	7135.9	6889.8	6573.5	6358.1
7.5°	6059.4	6112.1	6252.7	6784.4	7140.3	7258.9	7408.3	7078.8	6819.5	6248.3	5835.3
10°	5505.7	5606.8	5866.0	6472.4	6911.8	7289.7	7289.7	7026.0	6525.1	5967.1	5461.8
12.5°	5198.1	5400.3	5540.9	6156.0	6727.2	6986.5	6977.7	6837.1	6511.9	5808.9	5237.7
15°	5250.9	5308.0	5606.8	6085.7	6463.6	6450.4	6608.6	6564.7	6336.2	5949.5	5321.2
17.5°	5492.5	5580.4	5839.7	6085.7	6265.9	6213.1	6208.8	6419.7	6432.8	6186.8	5633.1
20°	5888.0	6147.2	6270.3	6345.0	6125.3	5901.2	5874.8	6169.2	6397.7	6490.0	6006.6
22.5°	6520.7	6692.1	6942.6	6560.3	5989.1	5707.8	5655.1	5980.3	6441.6	6850.3	6490.0
25°	7140.3	7272.1	7513.8	7021.6	6142.8	5668.3	5576.0	5857.2	6608.6	7351.2	7074.4
27.5°	7795.0	7909.2	7935.6	7360.0	6226.3	5589.2	5479.3	5857.2	6749.2	7614.8	7773.0
30°	8194.8	8331.1	8357.4	7658.8	6362.5	5655.1	5602.4	5883.6	6845.9	7838.9	8273.9
32.5°	8643.0	8678.2	8656.2	7711.5	6511.9	5848.4	5628.7	6059.4	6955.7	8107.0	8730.9
35°	9179.1	9240.6	9016.5	7953.2	6845.9	5971.5	5892.4	6274.7	7144.7	8230.0	9284.6
37.5°	9587.8	9781.1	9275.8	8045.5	6911.8	6230.7	6243.9	6722.9	7276.5	8379.4	9895.3
40°	10356.7	10031.5	9715.2	8361.8	7162.3	6670.1	6599.8	7184.2	7720.3	8476.1	10295.2
42.5°	10778.5	10607.2	9886.5	8392.6	7548.9	7276.5	7294.1	7707.1	7953.2	8748.5	10405.0
45°	10884.0	10703.8	10119.4	8414.5	7931.2	7992.7	8295.9	8375.0	8295.9	8928.6	10611.6
47.5°	11152.0	10761.0	10093.1	8708.9	8550.8	8788.0	9174.7	9346.1	8761.7	8862.7	10708.2
50°	11099.3	10875.2	10035.9	8832.0	9306.5	9934.9	10194.1	10123.8	9280.2	8726.5	10602.8
52.5°	10879.6	10637.9	10211.7	9165.9	10014.0	10774.1	11134.4	10958.7	9741.5	9034.1	10532.5
55°	11200.4	11015.8	10440.2	9618.5	10545.6	11512.3	11767.2	11635.4	10308.4	9319.7	10932.3
57.5°	11547.5	11507.9	11059.8	10150.2	11174.0	12272.5	12272.5	12109.9	10800.5	9732.8	11525.5
60°	12048.4	12136.3	11516.7	10501.7	11389.3	12228.6	12865.7	12676.7	11297.0	10457.8	12197.8
62.5°	11885.8	12167.0	12105.5	11257.5	11635.4	12443.9	12791.0	12931.6	11912.2	11341.0	13094.2
65°	11362.9	11661.7	12101.1	11754.0	11450.8	11921.0	12096.7	12523.0	12219.8	12171.4	13463.3
67.5°	10739.0	11064.1	11336.6	12088.0	11077.3	11389.3	11235.5	11371.7	11885.8	13081.0	13674.2
70°	9376.8	9688.8	10119.4	11345.4	10088.7	9807.5	9767.9	9702.0	10501.7	12755.8	12716.3
72.5°	7711.5	7856.5	8568.3	9223.0	7465.4	7412.7	7474.2	7399.5	8326.7	11547.5	10892.8
75°	5773.7	5918.7	6323.0	7083.2	5083.9	4780.7	5132.2	5479.3	6358.1	8963.8	7825.8
77.5°	4341.3	4525.8	4780.7	5299.2	3730.5	3256.0	3304.3	3633.9	4596.1	7179.8	4385.2
80°	2816.6	2794.6	3286.7	3647.0	2807.8	2895.7	2772.6	3014.3	3330.7	3840.4	2241.0
82.5°	1625.8	1647.8	1854.3	2091.6	1955.3	2236.6	1612.6	2693.5	2377.2	1564.3	834.9
85°	914.0	953.5	1142.4	1450.0	1225.9	821.7	672.3	1335.8	1494.0	641.5	404.2
87.5°	92.3	79.1	153.8	549.3	333.9	136.2	202.1	320.8	360.3	241.7	118.6
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8
2.5°	6428.5	6428.5	6318.6	6134.1	6059.4	5927.5	5747.4	5804.5	5743.0	5518.9	5461.8
5°	6164.8	5953.9	5725.4	5444.2	5281.6	4947.7	4842.2	4653.3	4684.0	4495.1	4503.9
7.5°	5615.6	5448.6	5061.9	4692.8	4372.1	4082.0	3673.4	3519.6	3370.2	3295.5	3383.4
10°	5294.8	4982.8	4455.5	3972.2	3546.0	3286.7	3014.3	2803.4	2610.0	2465.0	2434.3
12.5°	5061.9	4785.1	4148.0	3559.2	3225.2	3014.3	2763.8	2473.8	2284.9	2034.4	1959.7
15°	4991.6	4653.3	3981.0	3396.6	3071.4	2724.3	2438.7	2153.1	1907.0	1643.4	1551.1
17.5°	5233.3	4842.2	3976.6	3264.8	2807.8	2434.3	2038.8	1718.1	1467.6	1225.9	1168.8
20°	5641.9	5044.3	4104.0	3185.7	2557.3	2056.4	1608.2	1287.4	1006.2	848.0	808.5
22.5°	6107.7	5387.1	4117.2	2974.8	2306.9	1678.5	1173.2	848.0	689.9	615.2	593.2
25°	6678.9	5936.3	4275.4	2803.4	2012.5	1274.3	834.9	650.3	558.0	514.1	505.3
27.5°	7149.1	6318.6	4446.7	2623.2	1722.5	944.7	654.7	531.7	483.3	439.4	435.0
30°	7636.8	6758.0	4495.1	2513.4	1472.0	777.7	562.4	470.2	417.4	395.5	391.1
32.5°	8063.0	7237.0	4648.9	2333.2	1234.7	685.5	509.7	421.8	386.7	351.5	347.1
35°	8612.3	7513.8	4723.6	2236.6	1146.8	619.6	465.8	386.7	333.9	312.0	303.2
37.5°	9201.1	7781.8	4771.9	2161.9	1072.1	580.0	439.4	364.7	316.4	285.6	276.8
40°	9750.3	8159.7	4701.6	2069.6	1015.0	531.7	421.8	338.3	294.4	263.6	250.5
42.5°	10172.2	8528.8	4679.6	1981.7	953.5	514.1	399.9	325.2	276.8	241.7	237.3
45°	10409.4	8779.3	4525.8	1911.4	905.2	522.9	391.1	307.6	263.6	232.9	215.3
47.5°	10352.3	8972.6	4565.4	1889.4	839.3	487.7	386.7	294.4	241.7	215.3	202.1
50°	10668.7	9363.7	4499.5	1819.1	790.9	439.4	421.8	294.4	237.3	206.5	193.3
52.5°	10721.4	9719.6	4640.1	1691.7	716.2	404.2	417.4	290.0	228.5	197.7	180.2
55°	11160.8	10132.6	4912.5	1621.4	654.7	351.5	382.3	281.2	206.5	180.2	171.4
57.5°	11758.4	10989.4	5088.3	1555.5	571.2	307.6	320.8	276.8	188.9	167.0	153.8
60°	12334.0	11332.2	5101.5	1436.8	492.1	276.8	250.5	276.8	175.8	149.4	136.2
62.5°	12764.6	11332.2	5013.6	1335.8	430.6	246.1	219.7	263.6	158.2	131.8	123.0
65°	12531.7	11029.0	4785.1	1252.3	391.1	215.3	188.9	202.1	140.6	114.2	105.5
67.5°	12114.3	10084.3	4279.8	1151.2	386.7	188.9	162.6	149.4	123.0	101.1	92.3
70°	11446.4	8810.0	3563.6	1037.0	377.9	171.4	145.0	127.4	109.9	87.9	79.1
72.5°	9223.0	7276.5	2926.4	971.1	369.1	149.4	123.0	109.9	92.3	74.7	65.9
75°	6388.9	4648.9	2254.1	830.5	360.3	136.2	114.2	96.7	79.1	61.5	57.1
77.5°	3831.6	3106.6	1454.4	624.0	237.3	109.9	96.7	74.7	65.9	52.7	48.3
80°	1792.8	1467.6	588.8	241.7	114.2	79.1	65.9	57.1	52.7	43.9	39.5
82.5°	703.0	619.6	285.6	140.6	92.3	61.5	52.7	48.3	43.9	35.2	30.8
85°	377.9	333.9	136.2	96.7	65.9	43.9	43.9	39.5	35.2	30.8	26.4
87.5°	83.5	61.5	57.1	57.1	48.3	35.2	35.2	30.8	26.4	22.0	17.6
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°	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8
2.5°	5431.0	5496.9	5391.5	5457.4	5365.1	5435.4	5444.2	5378.3	5395.9	5483.7	5523.3
5°	4626.9	4583.0	4486.3	4455.5	4459.9	4402.8	4424.8	4455.5	4503.9	4530.2	4609.3
7.5°	3335.1	3436.1	3431.7	3506.4	3510.8	3502.0	3440.5	3308.7	3352.6	3317.5	3361.4
10°	2386.0	2429.9	2513.4	2561.7	2649.6	2601.3	2460.7	2407.9	2381.6	2377.2	2421.1
12.5°	1907.0	1801.5	1792.8	1810.3	1854.3	1797.2	1726.9	1665.3	1696.1	1757.6	1805.9
15°	1476.4	1388.5	1274.3	1256.7	1265.5	1239.1	1164.4	1085.3	1107.3	1168.8	1204.0
17.5°	1133.7	1032.6	953.5	900.8	883.2	790.9	681.1	615.2	597.6	593.2	624.0
20°	764.6	747.0	733.8	667.9	667.9	536.1	443.8	395.5	395.5	404.2	408.6
22.5°	571.2	549.3	553.6	540.5	505.3	399.9	351.5	338.3	338.3	347.1	347.1
25°	496.5	465.8	457.0	452.6	417.4	342.7	307.6	294.4	294.4	303.2	303.2
27.5°	421.8	413.0	399.9	382.3	351.5	294.4	272.4	259.2	263.6	268.0	263.6
30°	386.7	364.7	347.1	347.1	312.0	263.6	246.1	237.3	228.5	237.3	241.7
32.5°	342.7	329.6	320.8	307.6	268.0	232.9	215.3	206.5	202.1	202.1	206.5
35°	294.4	294.4	285.6	268.0	232.9	210.9	188.9	180.2	175.8	180.2	180.2
37.5°	263.6	250.5	254.9	237.3	206.5	184.5	162.6	153.8	153.8	149.4	153.8
40°	246.1	224.1	210.9	202.1	184.5	158.2	140.6	131.8	127.4	127.4	127.4
42.5°	219.7	202.1	175.8	171.4	167.0	136.2	114.2	109.9	105.5	101.1	101.1
45°	206.5	180.2	158.2	136.2	136.2	114.2	96.7	87.9	83.5	79.1	83.5
47.5°	188.9	162.6	136.2	114.2	109.9	92.3	74.7	65.9	61.5	61.5	61.5
50°	180.2	145.0	118.6	96.7	83.5	74.7	57.1	48.3	43.9	43.9	43.9
52.5°	167.0	136.2	105.5	83.5	65.9	57.1	43.9	35.2	30.8	30.8	30.8
55°	149.4	123.0	92.3	70.3	57.1	43.9	30.8	22.0	17.6	17.6	17.6
57.5°	140.6	109.9	79.1	61.5	43.9	30.8	17.6	13.2	13.2	8.8	13.2
60°	127.4	96.7	65.9	48.3	35.2	22.0	13.2	4.4	4.4	4.4	4.4
62.5°	109.9	83.5	57.1	39.5	26.4	13.2	4.4	0.0	0.0	0.0	0.0
65°	92.3	65.9	43.9	30.8	17.6	4.4	0.0	0.0	0.0	0.0	0.0
67.5°	79.1	57.1	35.2	22.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	70.3	48.3	26.4	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	57.1	39.5	22.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	48.3	30.8	13.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	39.5	22.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	30.8	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	26.4	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.2	4.4	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: P599619
 CATALOG NUMBER: IFLD-M-SA4C-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8	6186.8
2.5°	5580.4	5554.0	5685.9	5901.2	6011.0	6226.3	6279.1	6415.3	6380.1	6428.5
5°	4618.1	4670.8	4864.2	5180.6	5294.8	5606.8	5901.2	6195.6	6384.5	6476.8
7.5°	3427.3	3603.1	3840.4	4130.4	4424.8	4833.4	5334.3	5677.1	5861.6	6059.4
10°	2552.9	2741.9	3014.3	3299.9	3778.9	4235.8	4736.8	5163.0	5321.2	5505.7
12.5°	2008.1	2302.5	2618.8	2926.4	3212.0	3647.0	4266.6	4886.2	5057.5	5198.1
15°	1397.3	1757.6	2210.2	2610.0	3009.9	3387.8	4029.3	4780.7	5013.6	5250.9
17.5°	773.3	1059.0	1577.5	2139.9	2728.7	3308.7	4108.4	4974.0	5325.6	5492.5
20°	448.2	562.4	931.5	1599.4	2377.2	3137.3	4148.0	5338.7	5804.5	5888.0
22.5°	369.1	408.6	527.3	1001.8	1946.6	3027.5	4350.1	5848.4	6323.0	6520.7
25°	316.4	347.1	408.6	602.0	1472.0	2794.6	4477.5	6485.6	6925.0	7140.3
27.5°	281.2	312.0	360.3	443.8	1001.8	2473.8	4688.4	7061.2	7500.6	7795.0
30°	246.1	272.4	320.8	377.9	694.3	2113.5	4868.6	7483.0	8102.6	8194.8
32.5°	219.7	241.7	276.8	325.2	514.1	1603.8	5013.6	7918.0	8440.9	8643.0
35°	188.9	215.3	237.3	276.8	391.1	1208.4	4925.7	8256.4	8937.4	9179.1
37.5°	167.0	184.5	206.5	232.9	329.6	944.7	4745.5	8660.6	9363.7	9587.8
40°	140.6	153.8	180.2	206.5	298.8	729.4	4539.0	9148.4	9961.2	10356.7
42.5°	118.6	131.8	149.4	193.3	246.1	540.5	4121.6	9526.2	10444.6	10778.5
45°	92.3	109.9	136.2	193.3	197.7	399.9	3691.0	9807.5	10717.0	10884.0
47.5°	70.3	87.9	131.8	167.0	158.2	276.8	3181.3	10128.2	10998.2	11152.0
50°	52.7	70.3	149.4	145.0	131.8	210.9	2860.5	10352.3	11015.8	11099.3
52.5°	35.2	52.7	123.0	109.9	109.9	184.5	2772.6	10343.5	11059.8	10879.6
55°	26.4	39.5	70.3	79.1	96.7	162.6	2693.5	10673.1	11072.9	11200.4
57.5°	17.6	30.8	48.3	61.5	83.5	140.6	2531.0	11068.5	11481.6	11547.5
60°	8.8	22.0	35.2	48.3	70.3	123.0	2302.5	11358.5	11978.1	12048.4
62.5°	4.4	13.2	26.4	39.5	57.1	96.7	2065.2	10897.2	11762.8	11885.8
65°	0.0	8.8	17.6	26.4	35.2	70.3	1678.5	9838.2	10910.4	11362.9
67.5°	0.0	0.0	8.8	17.6	22.0	52.7	1265.5	8950.6	10123.8	10739.0
70°	0.0	0.0	4.4	4.4	13.2	39.5	808.5	7412.7	9038.5	9376.8
72.5°	0.0	0.0	0.0	0.0	4.4	26.4	470.2	5505.7	7083.2	7711.5
75°	0.0	0.0	0.0	0.0	0.0	22.0	237.3	3541.6	4930.1	5773.7
77.5°	0.0	0.0	0.0	0.0	0.0	17.6	127.4	2284.9	3633.9	4341.3
80°	0.0	0.0	0.0	0.0	0.0	4.4	74.7	1327.0	2324.4	2816.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	30.8	650.3	1388.5	1625.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.8	347.1	694.3	914.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	48.3	92.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)