

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: P599503

Luminaire Tested: **IFLD-M-SA4C-740-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: P599503
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

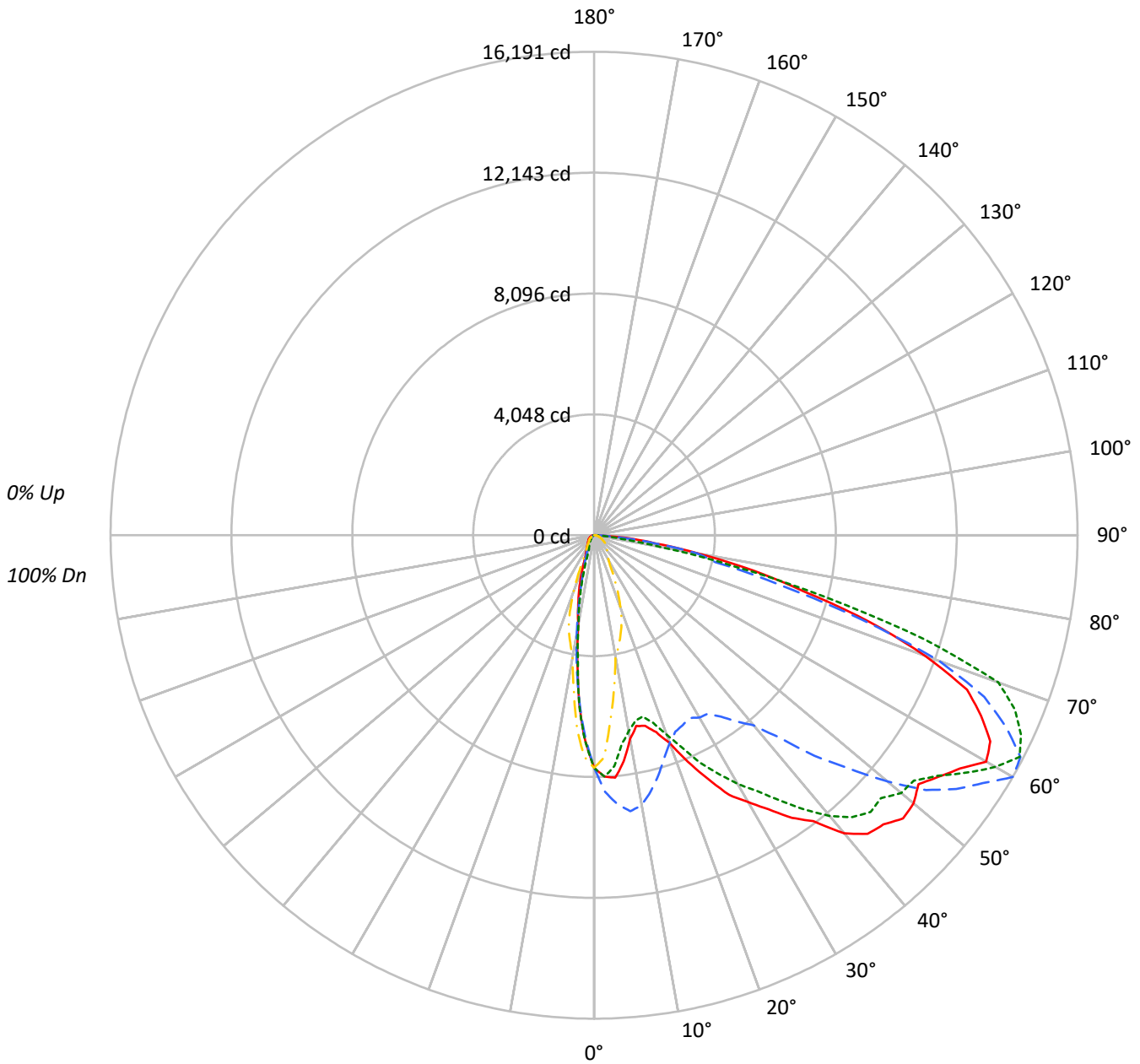
Lumens per Lamp: N/A
 Luminaire Lumens: 20707.9 lumens
 Efficiency: N/A
 Efficacy: 94.9 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 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°	83808	83808	83808	83808
5°	88072	83830	61244	61603
10°	75733	72832	33484	32699
15°	73639	70003	21752	16391
20°	84879	81332	11655	5827
25°	106724	99828	7552	4532
30°	128184	119455	6118	3711
35°	151796	142421	5014	2979
40°	183143	172419	4429	2254
45°	208508	199417	4125	1515
50°	233910	224836	4074	926
55°	264522	263588	4048	415
60°	326424	334161	3690	118
65°	364220	401683	3380	0
70°	371387	453358	3131	0
75°	302191	334389	2990	0
80°	219719	139855	3087	0
85°	142052	58738	4100	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	591.5	2.9
10°-20°	1159.9	5.6
20°-30°	1605.1	7.8
30°-40°	2268.5	11.0
40°-50°	3088.5	14.9
50°-60°	4090.6	19.8
60°-70°	4749.5	22.9
70°-80°	2689.6	13.0
80°-90°	464.7	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°	3356.5	16.2
0°-40°	5625.0	27.2
0°-60°	12804.1	61.8
0°-90°	20707.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20707.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7786	7786	7786	7786	7786	
5°	8151	7758	5668	5701	8151	732
15°	6608	6282	1952	1471	6608	1938
25°	8986	8405	636	382	8986	4191
35°	11552	10838	382	227	11552	7282
45°	13697	13100	271	100	13697	10619
55°	14096	14046	216	22	14096	12771
65°	14300	15771	133	0	14300	13940
75°	7266	8040	72	0	7266	7930
85°	1150	476	33	0	1150	1382
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°	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0
2.5°	8090.2	8261.6	8267.1	8344.5	8422.0	8422.0	8604.5	8560.2	8399.8	8372.2	8256.1
5°	8151.0	8211.8	8256.1	8648.7	8980.5	8947.3	9046.8	8980.5	8670.8	8272.7	8001.7
7.5°	7625.7	7692.0	7869.0	8538.1	8986.0	9135.3	9323.3	8908.6	8582.3	7863.5	7343.6
10°	6928.9	7056.1	7382.4	8145.5	8698.5	9174.0	9174.0	8842.2	8211.8	7509.5	6873.6
12.5°	6541.8	6796.2	6973.1	7747.3	8466.2	8792.5	8781.4	8604.5	8195.2	7310.5	6591.6
15°	6608.2	6680.1	7056.1	7658.8	8134.4	8117.8	8316.9	8261.6	7974.0	7487.4	6696.7
17.5°	6912.3	7022.9	7349.2	7658.8	7885.6	7819.2	7813.7	8079.1	8095.7	7786.0	7089.3
20°	7410.0	7736.3	7891.1	7985.1	7708.6	7426.6	7393.4	7763.9	8051.5	8167.6	7559.3
22.5°	8206.3	8422.0	8737.2	8256.1	7537.2	7183.3	7116.9	7526.1	8106.8	8621.0	8167.6
25°	8986.0	9151.9	9456.0	8836.7	7730.7	7133.5	7017.4	7371.3	8316.9	9251.4	8903.1
27.5°	9810.0	9953.7	9986.9	9262.5	7835.8	7034.0	6895.7	7371.3	8493.9	9583.2	9782.3
30°	10313.2	10484.6	10517.8	9638.5	8007.2	7116.9	7050.6	7404.5	8615.5	9865.3	10412.7
32.5°	10877.2	10921.5	10893.8	9704.9	8195.2	7360.2	7083.7	7625.7	8753.8	10202.6	10987.8
35°	11551.9	11629.3	11347.3	10009.0	8615.5	7515.1	7415.5	7896.6	8991.5	10357.4	11684.6
37.5°	12066.1	12309.5	11673.5	10125.2	8698.5	7841.3	7857.9	8460.7	9157.4	10545.4	12453.2
40°	13033.9	12624.7	12226.5	10523.3	9013.7	8394.3	8305.8	9041.3	9716.0	10667.1	12956.4
42.5°	13564.7	13349.1	12442.2	10562.0	9500.3	9157.4	9179.6	9699.4	10009.0	11009.9	13094.7
45°	13697.4	13470.7	12735.2	10589.7	9981.4	10058.8	10440.4	10539.9	10440.4	11236.7	13354.6
47.5°	14034.8	13542.6	12702.1	10960.2	10761.1	11059.7	11546.3	11762.0	11026.5	11153.7	13476.3
50°	13968.4	13686.4	12630.2	11115.0	11712.2	12503.0	12829.3	12740.8	11679.0	10982.3	13343.5
52.5°	13691.9	13387.8	12851.4	11535.3	12602.5	13559.2	14012.6	13791.5	12259.7	11369.4	13255.1
55°	14095.6	13863.3	13138.9	12104.8	13271.6	14488.2	14808.9	14643.0	12973.0	11728.8	13758.3
57.5°	14532.5	14482.7	13918.6	12774.0	14062.4	15444.9	15444.9	15240.3	13592.4	12248.6	14504.8
60°	15162.9	15273.5	14493.7	13216.3	14333.4	15389.6	16191.4	15953.6	14217.3	13161.0	15350.9
62.5°	14958.3	15312.2	15234.7	14167.5	14643.0	15660.5	16097.4	16274.4	14991.4	14272.5	16479.0
65°	14300.2	14676.2	15229.2	14792.4	14410.8	15002.5	15223.7	15760.1	15378.5	15317.7	16943.5
67.5°	13515.0	13924.2	14267.0	15212.6	13940.8	14333.4	14139.8	14311.3	14958.3	16462.4	17208.9
70°	11800.7	12193.3	12735.2	14278.1	12696.5	12342.6	12292.9	12209.9	13216.3	16053.2	16003.4
72.5°	9704.9	9887.4	10783.2	11607.2	9395.2	9328.9	9406.3	9312.3	10479.1	14532.5	13708.5
75°	7266.2	7448.7	7957.5	8914.1	6398.0	6016.5	6458.9	6895.7	8001.7	11280.9	9848.7
77.5°	5463.5	5695.7	6016.5	6669.0	4694.8	4097.6	4158.4	4573.2	5784.2	9035.8	5518.8
80°	3544.6	3517.0	4136.3	4589.8	3533.6	3644.2	3489.3	3793.5	4191.6	4833.1	2820.2
82.5°	2046.0	2073.7	2333.6	2632.2	2460.8	2814.7	2029.5	3389.8	2991.7	1968.6	1050.7
85°	1150.2	1200.0	1437.8	1824.9	1542.8	1034.1	846.1	1681.1	1880.1	807.4	508.7
87.5°	116.1	99.5	193.5	691.2	420.3	171.4	254.4	403.7	453.4	304.1	149.3
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°	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0
2.5°	8090.2	8090.2	7951.9	7719.7	7625.7	7459.8	7233.0	7304.9	7227.5	6945.5	6873.6
5°	7758.4	7492.9	7205.4	6851.5	6646.9	6226.6	6093.9	5856.1	5894.8	5657.0	5668.1
7.5°	7067.2	6857.0	6370.4	5905.9	5502.2	5137.2	4623.0	4429.4	4241.4	4147.4	4258.0
10°	6663.5	6270.9	5607.3	4999.0	4462.6	4136.3	3793.5	3528.0	3284.7	3102.2	3063.5
12.5°	6370.4	6022.0	5220.2	4479.2	4058.9	3793.5	3478.3	3113.3	2875.5	2560.3	2466.3
15°	6281.9	5856.1	5010.0	4274.6	3865.4	3428.5	3069.1	2709.6	2400.0	2068.2	1952.0
17.5°	6586.1	6093.9	5004.5	4108.7	3533.6	3063.5	2565.9	2162.2	1847.0	1542.8	1470.9
20°	7100.3	6348.3	5164.9	4009.1	3218.4	2588.0	2023.9	1620.2	1266.3	1067.3	1017.5
22.5°	7686.5	6779.6	5181.5	3743.7	2903.2	2112.4	1476.5	1067.3	868.2	774.2	746.5
25°	8405.4	7470.8	5380.5	3528.0	2532.7	1603.7	1050.7	818.4	702.3	647.0	635.9
27.5°	8997.1	7951.9	5596.2	3301.3	2167.7	1188.9	823.9	669.1	608.3	553.0	547.5
30°	9610.9	8504.9	5657.0	3163.1	1852.5	978.8	707.8	591.7	525.3	497.7	492.2
32.5°	10147.3	9107.7	5850.6	2936.4	1553.9	862.7	641.5	530.9	486.6	442.4	436.9
35°	10838.5	9456.0	5944.6	2814.7	1443.3	779.7	586.2	486.6	420.3	392.6	381.6
37.5°	11579.5	9793.4	6005.4	2720.7	1349.3	729.9	553.0	459.0	398.1	359.4	348.4
40°	12270.7	10268.9	5916.9	2604.6	1277.4	669.1	530.9	425.8	370.5	331.8	315.2
42.5°	12801.6	10733.4	5889.3	2494.0	1200.0	647.0	503.2	409.2	348.4	304.1	298.6
45°	13100.2	11048.6	5695.7	2405.5	1139.1	658.1	492.2	387.1	331.8	293.1	271.0
47.5°	13028.3	11292.0	5745.5	2377.8	1056.2	613.8	486.6	370.5	304.1	271.0	254.4
50°	13426.5	11784.1	5662.6	2289.4	995.4	553.0	530.9	370.5	298.6	259.9	243.3
52.5°	13492.8	12232.0	5839.5	2129.0	901.4	508.7	525.3	365.0	287.6	248.8	226.7
55°	14045.8	12751.8	6182.4	2040.5	823.9	442.4	481.1	353.9	259.9	226.7	215.7
57.5°	14797.9	13830.2	6403.6	1957.6	718.9	387.1	403.7	348.4	237.8	210.1	193.5
60°	15522.3	14261.5	6420.2	1808.3	619.3	348.4	315.2	348.4	221.2	188.0	171.4
62.5°	16064.2	14261.5	6309.6	1681.1	541.9	309.7	276.5	331.8	199.1	165.9	154.8
65°	15771.1	13879.9	6022.0	1576.0	492.2	271.0	237.8	254.4	177.0	143.8	132.7
67.5°	15245.8	12691.0	5386.1	1448.8	486.6	237.8	204.6	188.0	154.8	127.2	116.1
70°	14405.3	11087.4	4484.7	1305.0	475.6	215.7	182.5	160.4	138.2	110.6	99.5
72.5°	11607.2	9157.4	3682.9	1222.1	464.5	188.0	154.8	138.2	116.1	94.0	82.9
75°	8040.4	5850.6	2836.8	1045.1	453.4	171.4	143.8	121.7	99.5	77.4	71.9
77.5°	4822.0	3909.6	1830.4	785.2	298.6	138.2	121.7	94.0	82.9	66.4	60.8
80°	2256.2	1847.0	741.0	304.1	143.8	99.5	82.9	71.9	66.4	55.3	49.8
82.5°	884.8	779.7	359.4	177.0	116.1	77.4	66.4	60.8	55.3	44.2	38.7
85°	475.6	420.3	171.4	121.7	82.9	55.3	55.3	49.8	44.2	38.7	33.2
87.5°	105.1	77.4	71.9	71.9	60.8	44.2	44.2	38.7	33.2	27.6	22.1
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°	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0
2.5°	6834.9	6917.8	6785.1	6868.1	6751.9	6840.4	6851.5	6768.5	6790.7	6901.3	6951.0
5°	5822.9	5767.6	5646.0	5607.3	5612.8	5540.9	5568.6	5607.3	5668.1	5701.3	5800.8
7.5°	4197.2	4324.3	4318.8	4412.8	4418.4	4407.3	4329.9	4164.0	4219.3	4175.0	4230.3
10°	3002.7	3058.0	3163.1	3223.9	3334.5	3273.7	3096.7	3030.4	2997.2	2991.7	3046.9
12.5°	2400.0	2267.2	2256.2	2278.3	2333.6	2261.7	2173.2	2095.8	2134.5	2211.9	2272.8
15°	1858.0	1747.4	1603.7	1581.5	1592.6	1559.4	1465.4	1365.9	1393.5	1470.9	1515.2
17.5°	1426.7	1299.5	1200.0	1133.6	1111.5	995.4	857.1	774.2	752.1	746.5	785.2
20°	962.2	940.1	923.5	840.5	840.5	674.6	558.5	497.7	497.7	508.7	514.3
22.5°	718.9	691.2	696.8	680.2	635.9	503.2	442.4	425.8	425.8	436.9	436.9
25°	624.9	586.2	575.1	569.6	525.3	431.3	387.1	370.5	370.5	381.6	381.6
27.5°	530.9	519.8	503.2	481.1	442.4	370.5	342.9	326.3	331.8	337.3	331.8
30°	486.6	459.0	436.9	436.9	392.6	331.8	309.7	298.6	287.6	298.6	304.1
32.5°	431.3	414.7	403.7	387.1	337.3	293.1	271.0	259.9	254.4	254.4	259.9
35°	370.5	370.5	359.4	337.3	293.1	265.4	237.8	226.7	221.2	226.7	226.7
37.5°	331.8	315.2	320.7	298.6	259.9	232.3	204.6	193.5	193.5	188.0	193.5
40°	309.7	282.0	265.4	254.4	232.3	199.1	177.0	165.9	160.4	160.4	160.4
42.5°	276.5	254.4	221.2	215.7	210.1	171.4	143.8	138.2	132.7	127.2	127.2
45°	259.9	226.7	199.1	171.4	171.4	143.8	121.7	110.6	105.1	99.5	105.1
47.5°	237.8	204.6	171.4	143.8	138.2	116.1	94.0	82.9	77.4	77.4	77.4
50°	226.7	182.5	149.3	121.7	105.1	94.0	71.9	60.8	55.3	55.3	55.3
52.5°	210.1	171.4	132.7	105.1	82.9	71.9	55.3	44.2	38.7	38.7	38.7
55°	188.0	154.8	116.1	88.5	71.9	55.3	38.7	27.6	22.1	22.1	22.1
57.5°	177.0	138.2	99.5	77.4	55.3	38.7	22.1	16.6	16.6	11.1	16.6
60°	160.4	121.7	82.9	60.8	44.2	27.6	16.6	5.5	5.5	5.5	5.5
62.5°	138.2	105.1	71.9	49.8	33.2	16.6	5.5	0.0	0.0	0.0	0.0
65°	116.1	82.9	55.3	38.7	22.1	5.5	0.0	0.0	0.0	0.0	0.0
67.5°	99.5	71.9	44.2	27.6	16.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	88.5	60.8	33.2	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	71.9	49.8	27.6	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	60.8	38.7	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	49.8	27.6	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	38.7	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	33.2	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	22.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	5.5	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: P599503
 CATALOG NUMBER: IFLD-M-SA4C-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0	7786.0
2.5°	7022.9	6989.7	7155.6	7426.6	7564.8	7835.8	7902.2	8073.6	8029.3	8090.2
5°	5811.9	5878.2	6121.5	6519.7	6663.5	7056.1	7426.6	7797.1	8034.9	8151.0
7.5°	4313.3	4534.5	4833.1	5198.1	5568.6	6082.8	6713.2	7144.6	7376.8	7625.7
10°	3212.8	3450.6	3793.5	4152.9	4755.7	5330.8	5961.2	6497.6	6696.7	6928.9
12.5°	2527.1	2897.6	3295.8	3682.9	4042.3	4589.8	5369.5	6149.2	6364.9	6541.8
15°	1758.5	2211.9	2781.5	3284.7	3787.9	4263.5	5070.9	6016.5	6309.6	6608.2
17.5°	973.3	1332.7	1985.2	2693.0	3434.0	4164.0	5170.4	6259.8	6702.2	6912.3
20°	564.0	707.8	1172.3	2012.9	2991.7	3948.3	5220.2	6718.8	7304.9	7410.0
22.5°	464.5	514.3	663.6	1260.8	2449.7	3810.1	5474.6	7360.2	7957.5	8206.3
25°	398.1	436.9	514.3	757.6	1852.5	3517.0	5634.9	8162.1	8715.0	8986.0
27.5°	353.9	392.6	453.4	558.5	1260.8	3113.3	5900.4	8886.5	9439.5	9810.0
30°	309.7	342.9	403.7	475.6	873.7	2659.9	6127.1	9417.3	10197.0	10313.2
32.5°	276.5	304.1	348.4	409.2	647.0	2018.4	6309.6	9964.8	10622.8	10877.2
35°	237.8	271.0	298.6	348.4	492.2	1520.7	6199.0	10390.6	11247.7	11551.9
37.5°	210.1	232.3	259.9	293.1	414.7	1188.9	5972.2	10899.3	11784.1	12066.1
40°	177.0	193.5	226.7	259.9	376.0	918.0	5712.3	11513.2	12536.2	13033.9
42.5°	149.3	165.9	188.0	243.3	309.7	680.2	5187.0	11988.7	13144.5	13564.7
45°	116.1	138.2	171.4	243.3	248.8	503.2	4645.1	12342.6	13487.3	13697.4
47.5°	88.5	110.6	165.9	210.1	199.1	348.4	4003.6	12746.3	13841.2	14034.8
50°	66.4	88.5	188.0	182.5	165.9	265.4	3599.9	13028.3	13863.3	13968.4
52.5°	44.2	66.4	154.8	138.2	138.2	232.3	3489.3	13017.3	13918.6	13691.9
55°	33.2	49.8	88.5	99.5	121.7	204.6	3389.8	13432.0	13935.2	14095.6
57.5°	22.1	38.7	60.8	77.4	105.1	177.0	3185.2	13929.7	14449.5	14532.5
60°	11.1	27.6	44.2	60.8	88.5	154.8	2897.6	14294.7	15074.4	15162.9
62.5°	5.5	16.6	33.2	49.8	71.9	121.7	2599.0	13714.0	14803.4	14958.3
65°	0.0	11.1	22.1	33.2	44.2	88.5	2112.4	12381.3	13730.6	14300.2
67.5°	0.0	0.0	11.1	22.1	27.6	66.4	1592.6	11264.3	12740.8	13515.0
70°	0.0	0.0	5.5	5.5	16.6	49.8	1017.5	9328.9	11374.9	11800.7
72.5°	0.0	0.0	0.0	0.0	5.5	33.2	591.7	6928.9	8914.1	9704.9
75°	0.0	0.0	0.0	0.0	0.0	27.6	298.6	4457.1	6204.5	7266.2
77.5°	0.0	0.0	0.0	0.0	0.0	22.1	160.4	2875.5	4573.2	5463.5
80°	0.0	0.0	0.0	0.0	0.0	5.5	94.0	1670.0	2925.3	3544.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	38.7	818.4	1747.4	2046.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.1	436.9	873.7	1150.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	60.8	116.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)