

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: P599096

Luminaire Tested: **IFLD-M-SA4B-830-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599096
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-830-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

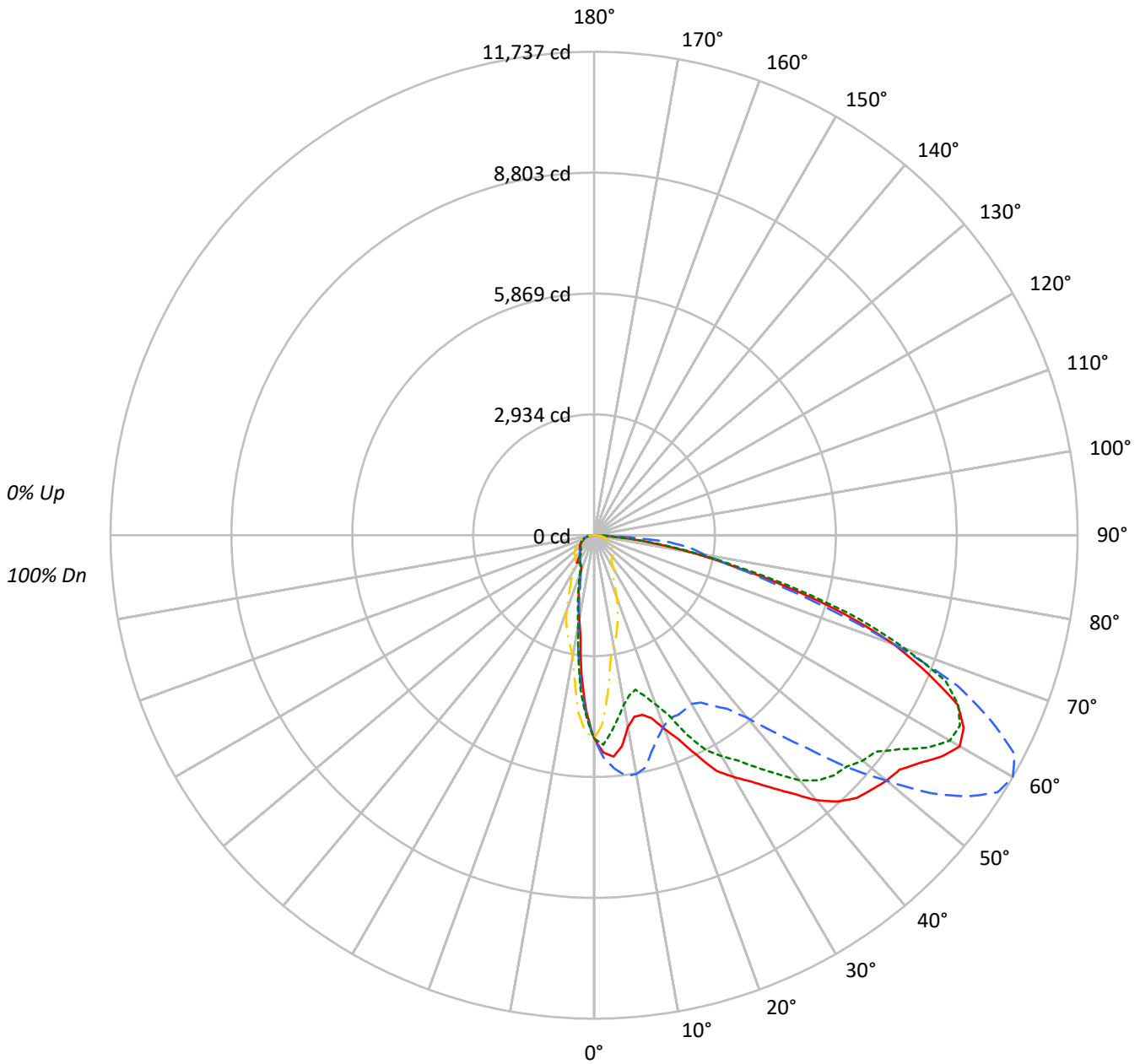
Lumens per Lamp: N/A
 Luminaire Lumens: 15437.0 lumens
 Efficiency: N/A
 Efficacy: 92.9 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 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	
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	53071	53071	53071	53071
5°	58305	51794	37143	40547
10°	51644	45582	22529	24176
15°	50289	43267	15949	16559
20°	57340	50045	10433	11530
25°	69862	63437	9109	9435
30°	84177	76942	9447	8766
35°	98171	90344	7829	7378
40°	117968	109115	7312	6927
45°	137287	125403	7401	6881
50°	155152	142538	7569	7110
55°	180941	169890	7839	7454
60°	220688	214643	7812	7812
65°	248015	248364	8023	8372
70°	243747	252367	8406	8620
75°	201064	214451	8829	9399
80°	145173	152389	9763	10184
85°	80338	86266	10992	13536

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	383.0	2.5
10°-20°	808.7	5.2
20°-30°	1183.2	7.7
30°-40°	1667.1	10.8
40°-50°	2291.1	14.8
50°-60°	3122.5	20.2
60°-70°	3417.4	22.1
70°-80°	1973.0	12.8
80°-90°	590.8	3.8
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°	2375.0	15.4
0°-40°	4042.1	26.2
0°-60°	9455.7	61.3
0°-90°	15437.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15437.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4930	4930	4930	4930	4930	
5°	5396	4794	3438	3753	5396	490
15°	4513	3883	1431	1486	4513	1318
25°	5882	5341	767	794	5882	2754
35°	7471	6875	596	562	7471	4737
45°	9019	8238	486	452	9019	6932
55°	9642	9053	418	397	9642	8700
65°	9738	9751	315	329	9738	9320
75°	4835	5156	212	226	4835	5193
85°	650	698	89	110	650	903
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5
2.5°	5279.7	5259.2	5279.7	5355.0	5375.6	5409.8	5409.8	5361.9	5272.9	5231.8	5163.3
5°	5396.1	5361.9	5533.1	5690.6	5813.8	5800.2	5683.7	5587.9	5409.8	5142.8	4889.4
7.5°	5163.3	5197.5	5320.8	5731.7	6019.3	6074.1	5889.2	5697.4	5314.0	4944.2	4601.8
10°	4725.0	4773.0	5040.0	5464.6	5916.6	6005.6	5889.2	5656.3	5197.5	4738.7	4341.6
12.5°	4512.8	4622.3	4779.8	5293.4	5615.3	5827.5	5772.8	5622.1	5108.5	4567.5	4184.1
15°	4512.8	4540.1	4773.0	5204.4	5389.3	5396.1	5416.7	5444.1	5135.9	4642.9	4129.3
17.5°	4656.6	4731.9	4930.5	5197.5	5231.8	5149.6	5149.6	5266.0	5190.7	4855.1	4327.9
20°	5005.8	4978.4	5238.6	5348.2	5163.3	4957.9	4937.3	5135.9	5252.3	5081.1	4690.8
22.5°	5355.0	5478.3	5690.6	5444.1	5101.7	4827.8	4800.4	5046.9	5437.2	5471.5	5108.5
25°	5882.3	6005.6	6115.2	5813.8	5094.8	4793.5	4814.1	5005.8	5663.2	6026.1	5807.0
27.5°	6450.7	6526.0	6683.5	6217.9	5259.2	4752.4	4773.0	5060.6	5875.5	6389.1	6354.8
30°	6772.6	6854.7	6820.5	6293.2	5368.7	4779.8	4725.0	5135.9	5759.1	6389.1	6710.9
32.5°	7087.6	7039.6	7019.1	6416.5	5505.7	4951.0	4814.1	5293.4	5827.5	6491.8	7169.7
35°	7471.0	7402.6	7347.8	6656.1	5731.7	5115.4	5053.7	5498.8	5978.2	6704.1	7539.5
37.5°	7895.6	7895.6	7628.5	6834.2	5998.7	5382.4	5314.0	5793.3	6217.9	6834.2	8046.3
40°	8395.5	8416.0	7943.5	7073.9	6300.0	5807.0	5786.5	6176.8	6450.7	7025.9	8532.5
42.5°	8765.3	8779.0	8217.5	7162.9	6649.3	6395.9	6484.9	6793.1	6717.8	7197.1	8566.7
45°	9018.7	8950.2	8409.2	7416.3	7032.8	7279.3	7306.7	7395.7	7067.0	7299.8	8703.7
47.5°	9141.9	9128.2	8491.4	7710.7	7840.8	8176.4	8333.9	8210.6	7388.9	7190.3	8703.7
50°	9265.2	9148.8	8566.7	8114.7	8628.3	9306.3	9272.0	9046.0	7834.0	7327.2	8573.5
52.5°	9347.4	9244.6	8717.4	8477.7	9381.6	10148.6	10285.5	9867.8	8354.4	7580.6	8635.2
55°	9641.8	9559.6	9169.3	8970.7	10251.3	11038.8	11059.3	10477.3	8902.2	7998.3	9039.2
57.5°	9997.9	10045.8	9792.5	9669.2	10915.5	11689.3	11614.0	10929.2	9367.9	8505.1	9504.9
60°	10251.3	10326.6	10265.0	10278.7	11244.2	11908.5	11737.3	11210.0	9710.3	8888.5	10073.2
62.5°	10114.3	10265.0	10518.3	10463.6	11257.9	11751.0	11511.3	10840.2	9751.4	9388.4	10504.6
65°	9737.7	9751.4	10244.4	10545.7	10641.6	10936.1	10621.1	10066.4	9326.8	9696.6	10443.0
67.5°	8772.1	8881.7	9326.8	9915.7	9511.7	9580.2	9552.8	8751.6	8683.1	9484.3	9970.5
70°	7745.0	7820.3	8306.5	8998.1	8032.6	7710.7	7772.3	7176.6	7457.3	8826.9	9018.7
72.5°	6402.8	6450.7	7005.4	7614.8	6443.9	5868.6	6012.4	5526.2	5923.4	7724.4	7608.0
75°	4834.6	4923.6	5355.0	6074.1	4745.6	4375.8	4519.6	4321.0	4690.8	6361.7	5902.9
77.5°	3437.6	3369.2	3903.3	4752.4	3567.7	3348.6	3362.3	3396.5	3793.7	5361.9	4238.8
80°	2342.0	2362.5	2841.9	3485.6	2800.8	2766.5	2732.3	3006.2	3184.3	4245.7	3081.5
82.5°	1390.1	1390.1	1917.4	2478.9	2211.9	2492.6	2335.1	2581.7	2492.6	3122.6	2020.1
85°	650.5	650.5	986.1	1787.3	1712.0	2054.4	1746.2	1951.6	1842.1	2177.6	910.8
87.5°	109.6	95.9	198.6	876.5	705.3	801.2	315.0	1040.9	1157.3	1520.2	226.0
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°	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5
2.5°	5088.0	5040.0	4944.2	4820.9	4718.2	4588.1	4547.0	4458.0	4334.7	4321.0	4266.2
5°	4793.5	4629.2	4423.7	4170.4	3999.2	3821.1	3670.5	3581.4	3478.7	3465.0	3437.6
7.5°	4471.7	4266.2	3923.8	3622.5	3328.1	3047.3	2910.3	2739.2	2622.7	2533.7	2492.6
10°	4170.4	3978.6	3554.0	3143.2	2883.0	2698.1	2533.7	2355.7	2211.9	2102.3	2061.2
12.5°	3971.8	3745.8	3287.0	2896.7	2704.9	2492.6	2307.7	2116.0	1931.1	1787.3	1712.0
15°	3882.7	3670.5	3204.8	2773.4	2492.6	2198.2	1985.9	1794.1	1568.2	1465.4	1431.2
17.5°	4095.0	3780.0	3177.4	2629.6	2232.4	1896.9	1636.6	1431.2	1266.9	1164.1	1123.1
20°	4368.9	3978.6	3225.4	2458.4	1985.9	1609.3	1321.6	1102.5	992.9	917.6	910.8
22.5°	4718.2	4273.1	3300.7	2335.1	1712.0	1294.2	1034.0	903.9	828.6	821.7	808.0
25°	5341.3	4807.2	3423.9	2170.8	1492.8	1068.3	883.4	808.0	773.8	753.3	767.0
27.5°	5875.5	5156.5	3513.0	2068.1	1403.8	1006.6	856.0	773.8	739.6	732.7	739.6
30°	6190.5	5478.3	3485.6	1876.3	1225.8	958.7	910.8	883.4	814.9	760.1	760.1
32.5°	6478.1	5683.7	3478.7	1705.1	1047.7	801.2	760.1	739.6	780.7	808.0	787.5
35°	6875.3	6005.6	3458.2	1609.3	972.4	739.6	671.1	616.3	588.9	575.2	595.8
37.5°	7299.8	6224.7	3403.4	1595.6	931.3	705.3	650.5	595.8	568.4	554.7	547.8
40°	7765.5	6457.6	3341.8	1527.1	910.8	684.8	630.0	582.1	547.8	527.3	520.4
42.5°	8066.8	6642.4	3280.1	1492.8	869.7	671.1	609.5	568.4	534.1	506.7	506.7
45°	8238.0	6861.6	3218.5	1458.6	821.7	677.9	609.5	554.7	513.6	499.9	486.2
47.5°	8313.3	7025.9	3198.0	1403.8	780.7	650.5	595.8	541.0	499.9	472.5	465.7
50°	8511.9	7375.2	3273.3	1362.7	732.7	623.2	630.0	534.1	493.0	458.8	452.0
52.5°	8628.3	7655.9	3437.6	1301.1	698.5	588.9	616.3	520.4	472.5	438.3	438.3
55°	9052.9	8121.6	3615.7	1253.2	657.4	541.0	568.4	493.0	438.3	417.7	417.7
57.5°	9593.9	8614.6	3766.3	1232.6	630.0	506.7	506.7	479.4	417.7	390.3	383.5
60°	9970.5	9018.7	3855.4	1218.9	602.6	472.5	452.0	479.4	397.2	369.8	362.9
62.5°	10011.6	8785.8	3766.3	1212.1	595.8	438.3	410.9	458.8	376.6	349.2	335.5
65°	9751.4	8313.3	3519.8	1184.7	588.9	404.0	383.5	397.2	349.2	328.7	315.0
67.5°	9230.9	7546.4	3163.7	1171.0	582.1	376.6	349.2	342.4	321.9	301.3	287.6
70°	8018.9	6546.6	2746.0	1109.4	568.4	356.1	315.0	308.2	287.6	273.9	267.1
72.5°	6731.5	5355.0	2266.6	1027.2	541.0	321.9	287.6	273.9	267.1	246.5	239.7
75°	5156.5	4122.4	1814.7	910.8	472.5	287.6	253.4	239.7	232.8	219.1	212.3
77.5°	3622.5	3067.9	1342.2	739.6	397.2	260.2	226.0	212.3	205.4	184.9	184.9
80°	2458.4	2150.2	910.8	513.6	308.2	212.3	198.6	184.9	171.2	157.5	157.5
82.5°	1527.1	1506.5	657.4	335.5	226.0	171.2	157.5	157.5	137.0	123.3	123.3
85°	698.5	924.5	458.8	232.8	171.2	130.1	130.1	123.3	109.6	89.0	89.0
87.5°	219.1	308.2	239.7	102.7	95.9	75.3	75.3	68.5	68.5	54.8	54.8
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5
2.5°	4321.0	4314.2	4314.2	4286.8	4355.3	4355.3	4396.3	4362.1	4382.6	4389.5	4444.3
5°	3430.8	3485.6	3526.7	3608.8	3656.8	3677.3	3677.3	3732.1	3711.6	3752.6	3834.8
7.5°	2513.2	2581.7	2704.9	2807.6	2889.8	2917.2	2910.3	2924.0	2944.6	2896.7	2910.3
10°	2033.8	1985.9	2027.0	2122.8	2198.2	2287.2	2218.7	2211.9	2232.4	2211.9	2253.0
12.5°	1698.3	1643.5	1609.3	1609.3	1664.0	1705.1	1684.6	1718.8	1794.1	1814.7	1862.6
15°	1376.4	1328.5	1301.1	1266.9	1321.6	1335.3	1355.9	1403.8	1458.6	1486.0	1540.8
17.5°	1102.5	1102.5	1102.5	1075.1	1095.7	1116.2	1123.1	1184.7	1191.5	1218.9	1239.5
20°	903.9	924.5	958.7	972.4	992.9	992.9	979.2	1013.5	986.1	1006.6	1020.3
22.5°	814.9	842.3	856.0	862.8	890.2	897.1	862.8	869.7	876.5	856.0	862.8
25°	767.0	780.7	767.0	773.8	780.7	767.0	773.8	787.5	780.7	794.4	787.5
27.5°	746.4	732.7	725.9	719.0	719.0	705.3	712.2	712.2	725.9	732.7	732.7
30°	746.4	725.9	698.5	677.9	677.9	657.4	671.1	684.8	691.6	705.3	705.3
32.5°	767.0	725.9	677.9	657.4	636.9	623.2	636.9	657.4	684.8	691.6	698.5
35°	609.5	630.0	623.2	595.8	588.9	588.9	582.1	582.1	561.5	561.5	554.7
37.5°	547.8	541.0	554.7	561.5	568.4	547.8	547.8	520.4	513.6	520.4	520.4
40°	513.6	513.6	513.6	534.1	541.0	527.3	506.7	493.0	493.0	493.0	499.9
42.5°	499.9	486.2	479.4	493.0	513.6	499.9	479.4	472.5	472.5	479.4	479.4
45°	479.4	472.5	465.7	458.8	486.2	465.7	458.8	452.0	452.0	452.0	458.8
47.5°	458.8	452.0	438.3	438.3	445.1	438.3	431.4	431.4	431.4	445.1	445.1
50°	445.1	438.3	424.6	424.6	424.6	424.6	417.7	417.7	417.7	424.6	431.4
52.5°	424.6	417.7	410.9	404.0	404.0	404.0	404.0	404.0	404.0	410.9	417.7
55°	404.0	397.2	390.3	390.3	397.2	397.2	390.3	397.2	390.3	397.2	404.0
57.5°	383.5	376.6	369.8	376.6	383.5	376.6	376.6	376.6	376.6	376.6	383.5
60°	356.1	356.1	356.1	356.1	369.8	369.8	369.8	369.8	356.1	362.9	369.8
62.5°	342.4	335.5	335.5	342.4	349.2	349.2	356.1	349.2	342.4	349.2	349.2
65°	315.0	315.0	315.0	321.9	321.9	328.7	328.7	328.7	321.9	328.7	328.7
67.5°	294.5	294.5	294.5	294.5	308.2	308.2	308.2	308.2	301.3	301.3	308.2
70°	260.2	267.1	260.2	273.9	287.6	280.8	287.6	287.6	280.8	273.9	287.6
72.5°	239.7	239.7	239.7	239.7	260.2	260.2	260.2	267.1	260.2	253.4	260.2
75°	212.3	212.3	212.3	219.1	232.8	232.8	232.8	232.8	232.8	226.0	226.0
77.5°	184.9	191.7	184.9	191.7	205.4	198.6	205.4	212.3	205.4	198.6	198.6
80°	157.5	157.5	157.5	164.3	171.2	171.2	171.2	178.0	171.2	164.3	164.3
82.5°	123.3	123.3	130.1	130.1	137.0	137.0	137.0	143.8	137.0	130.1	130.1
85°	95.9	95.9	95.9	102.7	102.7	109.6	109.6	116.4	116.4	109.6	109.6
87.5°	61.6	54.8	61.6	61.6	68.5	68.5	61.6	54.8	61.6	54.8	47.9
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: P599096
 CATALOG NUMBER: IFLD-M-SA4B-830-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5	4930.5
2.5°	4499.1	4622.3	4711.3	4773.0	4862.0	5033.2	5101.7	5224.9	5259.2	5279.7
5°	3869.1	3999.2	4190.9	4327.9	4485.4	4807.2	5053.7	5238.6	5320.8	5396.1
7.5°	3033.6	3204.8	3403.4	3581.4	3841.7	4238.8	4560.7	4944.2	5088.0	5163.3
10°	2369.4	2526.9	2746.0	2965.1	3328.1	3663.6	4122.4	4471.7	4670.3	4725.0
12.5°	1999.6	2184.5	2444.7	2711.8	2937.7	3321.2	3786.9	4293.6	4478.5	4512.8
15°	1698.3	1951.6	2218.7	2492.6	2752.8	3088.4	3588.3	4204.6	4478.5	4512.8
17.5°	1403.8	1629.8	1944.8	2239.3	2540.6	2999.4	3622.5	4279.9	4553.8	4656.6
20°	1116.2	1335.3	1581.9	1951.6	2362.5	2848.7	3697.9	4533.3	4896.2	5005.8
22.5°	924.5	1020.3	1260.0	1616.1	2102.3	2746.0	3773.2	4930.5	5314.0	5355.0
25°	808.0	876.5	1027.2	1362.7	1896.9	2677.5	3951.2	5389.3	5882.3	5882.3
27.5°	753.3	780.7	883.4	1184.7	1753.1	2615.9	4129.3	5896.0	6354.8	6450.7
30°	739.6	808.0	862.8	1054.6	1595.6	2444.7	4293.6	6293.2	6765.7	6772.6
32.5°	725.9	712.2	753.3	917.6	1403.8	2266.6	4430.6	6697.2	7067.0	7087.6
35°	568.4	595.8	664.2	808.0	1260.0	2136.5	4499.1	6916.4	7450.5	7471.0
37.5°	534.1	568.4	623.2	746.4	1164.1	2027.0	4519.6	7340.9	7854.5	7895.6
40°	520.4	547.8	588.9	691.6	1088.8	1890.0	4560.7	7779.2	8450.3	8395.5
42.5°	493.0	527.3	568.4	664.2	1027.2	1787.3	4567.5	8018.9	8765.3	8765.3
45°	486.2	506.7	554.7	664.2	958.7	1698.3	4458.0	8258.5	9128.2	9018.7
47.5°	458.8	499.9	541.0	643.7	876.5	1609.3	4327.9	8381.8	9176.2	9141.9
50°	452.0	493.0	561.5	609.5	828.6	1568.2	4300.5	8690.0	9272.0	9265.2
52.5°	438.3	479.4	582.1	582.1	767.0	1513.4	4430.6	8826.9	9292.6	9347.4
55°	417.7	479.4	541.0	534.1	712.2	1444.9	4574.4	9183.0	9655.5	9641.8
57.5°	404.0	465.7	513.6	486.2	650.5	1397.0	4786.7	9525.4	10093.8	9997.9
60°	383.5	465.7	458.8	452.0	602.6	1355.9	4964.7	9593.9	10189.6	10251.3
62.5°	369.8	486.2	404.0	417.7	561.5	1335.3	4889.4	9080.3	10059.5	10114.3
65°	356.1	417.7	369.8	383.5	547.8	1294.2	4594.9	8464.0	9498.0	9737.7
67.5°	328.7	342.4	342.4	356.1	534.1	1198.4	3992.3	7354.6	8642.0	8772.1
70°	301.3	308.2	308.2	328.7	520.4	1088.8	3293.8	6361.7	7498.4	7745.0
72.5°	273.9	273.9	273.9	301.3	479.4	999.8	2711.8	4889.4	6231.6	6402.8
75°	239.7	239.7	239.7	267.1	431.4	910.8	2136.5	3636.2	4588.1	4834.6
77.5°	212.3	212.3	205.4	239.7	376.6	739.6	1540.8	2568.0	3232.2	3437.6
80°	178.0	171.2	171.2	191.7	294.5	534.1	992.9	1814.7	2253.0	2342.0
82.5°	143.8	137.0	130.1	143.8	212.3	335.5	616.3	1266.9	1444.9	1390.1
85°	137.0	143.8	116.4	109.6	150.7	219.1	390.3	780.7	650.5	650.5
87.5°	54.8	47.9	47.9	41.1	75.3	82.2	171.2	143.8	109.6	109.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)