

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: P599627

Luminaire Tested: **IFLD-L-SA8A-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: P599627
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

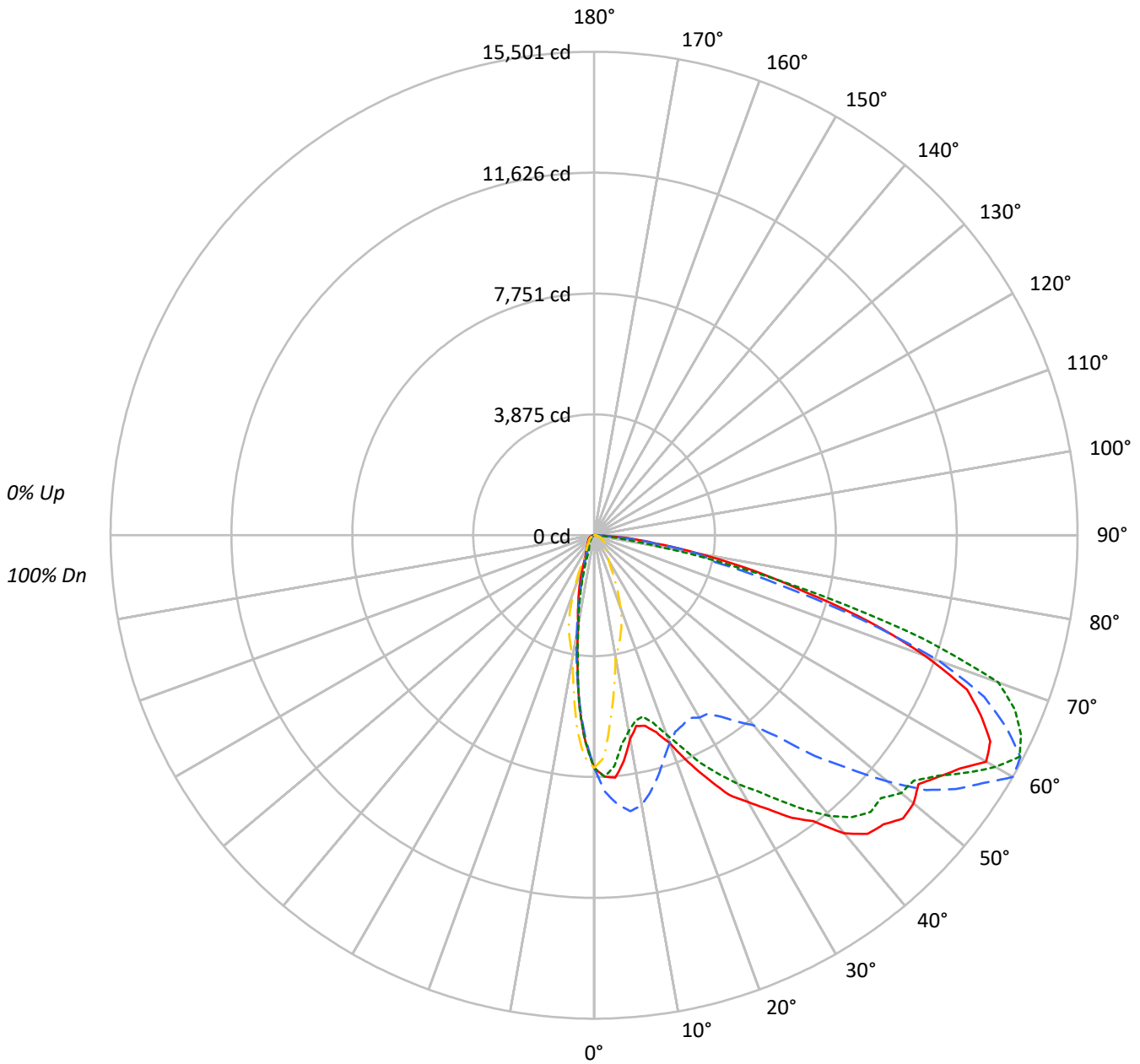
Lumens per Lamp: N/A
 Luminaire Lumens: 19825.4 lumens
 Efficiency: N/A
 Efficacy: 80.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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	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	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40118	40118	40118	40118
5°	42159	40128	29317	29489
10°	36253	34864	16029	15653
15°	35251	33510	10413	7847
20°	40631	38933	5579	2790
25°	51088	47787	3615	2169
30°	61361	57182	2928	1777
35°	72663	68176	2400	1426
40°	87669	82536	2120	1078
45°	99811	95459	1974	725
50°	111971	107627	1950	443
55°	126625	126177	1938	199
60°	156257	159960	1766	57
65°	174350	192283	1619	0
70°	177780	217019	1500	0
75°	144658	160068	1431	0
80°	105179	66946	1475	0
85°	68000	28115	1964	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	566.3	2.9
10°-20°	1110.5	5.6
20°-30°	1536.7	7.8
30°-40°	2171.8	11.0
40°-50°	2956.9	14.9
50°-60°	3916.2	19.8
60°-70°	4547.1	22.9
70°-80°	2575.0	13.0
80°-90°	444.9	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°	3213.5	16.2
0°-40°	5385.3	27.2
0°-60°	12258.4	61.8
0°-90°	19825.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19825.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7454	7454	7454	7454	7454	
5°	7804	7428	5426	5458	7804	701
15°	6327	6014	1869	1408	6327	1856
25°	8603	8047	609	365	8603	4012
35°	11060	10377	365	217	11060	6972
45°	13114	12542	259	95	13114	10167
55°	13495	13447	206	21	13495	12226
65°	13691	15099	127	0	13691	13346
75°	6957	7698	69	0	6957	7592
85°	1101	455	32	0	1101	1323
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°	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2
2.5°	7745.4	7909.5	7914.8	7988.9	8063.0	8063.0	8237.8	8195.4	8041.9	8015.4	7904.2
5°	7803.6	7861.9	7904.2	8280.1	8597.8	8566.0	8661.3	8597.8	8301.3	7920.1	7660.7
7.5°	7300.7	7364.2	7533.6	8174.2	8603.1	8746.0	8926.0	8528.9	8216.6	7528.3	7030.7
10°	6633.6	6755.4	7067.7	7798.3	8327.8	8783.1	8783.1	8465.4	7861.9	7189.5	6580.7
12.5°	6263.0	6506.6	6676.0	7417.2	8105.4	8417.8	8407.2	8237.8	7846.0	6998.9	6310.7
15°	6326.6	6395.4	6755.4	7332.4	7787.7	7771.9	7962.5	7909.5	7634.2	7168.3	6411.3
17.5°	6617.7	6723.6	7036.0	7332.4	7549.5	7486.0	7480.7	7734.8	7750.7	7454.2	6787.1
20°	7094.2	7406.6	7554.8	7644.8	7380.1	7110.1	7078.3	7433.0	7708.3	7819.5	7237.2
22.5°	7856.6	8063.0	8364.8	7904.2	7216.0	6877.1	6813.6	7205.4	7761.3	8253.6	7819.5
25°	8603.1	8761.9	9053.1	8460.1	7401.3	6829.5	6718.3	7057.2	7962.5	8857.2	8523.6
27.5°	9391.9	9529.5	9561.3	8867.8	7501.9	6734.2	6601.9	7057.2	8131.9	9174.8	9365.4
30°	9873.7	10037.8	10069.5	9227.8	7666.0	6813.6	6750.1	7088.9	8248.3	9444.8	9969.0
32.5°	10413.7	10456.0	10429.5	9291.3	7846.0	7046.6	6781.9	7300.7	8380.7	9767.8	10519.5
35°	11059.6	11133.7	10863.7	9582.5	8248.3	7194.8	7099.5	7560.1	8608.3	9916.0	11186.6
37.5°	11551.9	11784.9	11176.0	9693.7	8327.8	7507.2	7523.0	8100.1	8767.2	10096.0	11922.5
40°	12478.4	12086.6	11705.4	10074.8	8629.5	8036.6	7951.9	8656.0	9301.9	10212.5	12404.3
42.5°	12986.6	12780.2	11911.9	10111.9	9095.4	8767.2	8788.3	9286.0	9582.5	10540.7	12536.6
45°	13113.7	12896.6	12192.5	10138.4	9556.0	9630.1	9995.4	10090.7	9995.4	10757.8	12785.5
47.5°	13436.6	12965.5	12160.7	10493.1	10302.5	10588.4	11054.3	11260.7	10556.6	10678.4	12901.9
50°	13373.1	13103.1	12091.9	10641.3	11213.1	11970.2	12282.5	12197.8	11181.3	10514.3	12774.9
52.5°	13108.4	12817.2	12303.7	11043.7	12065.5	12981.3	13415.5	13203.7	11737.2	10884.8	12690.2
55°	13494.9	13272.5	12579.0	11589.0	12706.0	13870.8	14177.8	14019.0	12420.2	11229.0	13171.9
57.5°	13913.1	13865.5	13325.5	12229.6	13463.1	14786.7	14786.7	14590.8	13013.1	11726.6	13886.7
60°	14516.7	14622.5	13876.1	12653.1	13722.5	14733.7	15501.4	15273.7	13611.4	12600.2	14696.7
62.5°	14320.8	14659.6	14585.5	13563.7	14019.0	14993.1	15411.4	15580.8	14352.5	13664.3	15776.7
65°	13690.8	14050.8	14580.2	14161.9	13796.6	14363.1	14574.9	15088.4	14723.1	14664.9	16221.4
67.5°	12939.0	13330.8	13659.0	14564.3	13346.6	13722.5	13537.2	13701.4	14320.8	15760.8	16475.5
70°	11297.8	11673.7	12192.5	13669.6	12155.5	11816.6	11769.0	11689.6	12653.1	15369.0	15321.4
72.5°	9291.3	9466.0	10323.7	11112.5	8994.8	8931.3	9005.4	8915.4	10032.5	13913.1	13124.3
75°	6956.6	7131.3	7618.3	8534.2	6125.4	5760.1	6183.6	6601.9	7660.7	10800.1	9428.9
77.5°	5230.7	5453.0	5760.1	6384.8	4494.8	3923.0	3981.2	4378.3	5537.7	8650.7	5283.6
80°	3393.6	3367.1	3960.1	4394.2	3383.0	3488.9	3340.6	3631.8	4013.0	4627.1	2700.0
82.5°	1958.8	1985.3	2234.1	2520.0	2355.9	2694.7	1943.0	3245.3	2864.2	1884.7	1005.9
85°	1101.2	1148.8	1376.5	1747.1	1477.1	990.0	810.0	1609.4	1800.0	773.0	487.1
87.5°	111.2	95.3	185.3	661.8	402.4	164.1	243.5	386.5	434.1	291.2	142.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2
2.5°	7745.4	7745.4	7613.0	7390.7	7300.7	7141.9	6924.8	6993.6	6919.5	6649.5	6580.7
5°	7427.7	7173.6	6898.3	6559.5	6363.6	5961.3	5834.2	5606.5	5643.6	5416.0	5426.5
7.5°	6766.0	6564.8	6098.9	5654.2	5267.7	4918.3	4425.9	4240.6	4060.6	3970.6	4076.5
10°	6379.5	6003.6	5368.3	4785.9	4272.4	3960.1	3631.8	3377.7	3144.7	2970.0	2933.0
12.5°	6098.9	5765.4	4997.7	4288.3	3885.9	3631.8	3330.0	2980.6	2753.0	2451.2	2361.2
15°	6014.2	5606.5	4796.5	4092.4	3700.6	3282.4	2938.3	2594.2	2297.7	1980.0	1868.8
17.5°	6305.4	5834.2	4791.2	3933.6	3383.0	2933.0	2456.5	2070.0	1768.3	1477.1	1408.3
20°	6797.7	6077.7	4944.8	3838.3	3081.2	2477.7	1937.7	1551.2	1212.4	1021.8	974.1
22.5°	7358.9	6490.7	4960.7	3584.2	2779.4	2022.4	1413.5	1021.8	831.2	741.2	714.7
25°	8047.2	7152.4	5151.2	3377.7	2424.7	1535.3	1005.9	783.5	672.4	619.4	608.8
27.5°	8613.6	7613.0	5357.7	3160.6	2075.3	1138.3	788.8	640.6	582.4	529.4	524.1
30°	9201.3	8142.5	5416.0	3028.3	1773.6	937.1	677.7	566.5	502.9	476.5	471.2
32.5°	9714.8	8719.5	5601.2	2811.2	1487.7	825.9	614.1	508.2	465.9	423.5	418.2
35°	10376.6	9053.1	5691.3	2694.7	1381.8	746.5	561.2	465.9	402.4	375.9	365.3
37.5°	11086.0	9376.0	5749.5	2604.7	1291.8	698.8	529.4	439.4	381.2	344.1	333.5
40°	11747.8	9831.3	5664.8	2493.6	1223.0	640.6	508.2	407.7	354.7	317.7	301.8
42.5°	12256.0	10276.0	5638.3	2387.7	1148.8	619.4	481.8	391.8	333.5	291.2	285.9
45°	12541.9	10577.8	5453.0	2303.0	1090.6	630.0	471.2	370.6	317.7	280.6	259.4
47.5°	12473.1	10810.7	5500.7	2276.5	1011.2	587.7	465.9	354.7	291.2	259.4	243.5
50°	12854.3	11281.9	5421.2	2191.8	953.0	529.4	508.2	354.7	285.9	248.8	232.9
52.5°	12917.8	11710.7	5590.7	2038.3	863.0	487.1	502.9	349.4	275.3	238.2	217.1
55°	13447.2	12208.4	5918.9	1953.6	788.8	423.5	460.6	338.8	248.8	217.1	206.5
57.5°	14167.2	13240.8	6130.7	1874.1	688.2	370.6	386.5	333.5	227.7	201.2	185.3
60°	14860.8	13653.7	6146.6	1731.2	592.9	333.5	301.8	333.5	211.8	180.0	164.1
62.5°	15379.6	13653.7	6040.7	1609.4	518.8	296.5	264.7	317.7	190.6	158.8	148.2
65°	15099.0	13288.4	5765.4	1508.8	471.2	259.4	227.7	243.5	169.4	137.6	127.1
67.5°	14596.1	12150.2	5156.5	1387.1	465.9	227.7	195.9	180.0	148.2	121.8	111.2
70°	13791.4	10614.8	4293.6	1249.4	455.3	206.5	174.7	153.5	132.4	105.9	95.3
72.5°	11112.5	8767.2	3525.9	1170.0	444.7	180.0	148.2	132.4	111.2	90.0	79.4
75°	7697.7	5601.2	2715.9	1000.6	434.1	164.1	137.6	116.5	95.3	74.1	68.8
77.5°	4616.5	3743.0	1752.4	751.8	285.9	132.4	116.5	90.0	79.4	63.5	58.2
80°	2160.0	1768.3	709.4	291.2	137.6	95.3	79.4	68.8	63.5	52.9	47.6
82.5°	847.1	746.5	344.1	169.4	111.2	74.1	63.5	58.2	52.9	42.4	37.1
85°	455.3	402.4	164.1	116.5	79.4	52.9	52.9	47.6	42.4	37.1	31.8
87.5°	100.6	74.1	68.8	68.8	58.2	42.4	42.4	37.1	31.8	26.5	21.2
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°	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2
2.5°	6543.6	6623.0	6496.0	6575.4	6464.2	6548.9	6559.5	6480.1	6501.3	6607.1	6654.8
5°	5574.8	5521.8	5405.4	5368.3	5373.6	5304.8	5331.2	5368.3	5426.5	5458.3	5553.6
7.5°	4018.3	4140.1	4134.8	4224.8	4230.1	4219.5	4145.3	3986.5	4039.5	3997.1	4050.1
10°	2874.7	2927.7	3028.3	3086.5	3192.4	3134.2	2964.7	2901.2	2869.4	2864.2	2917.1
12.5°	2297.7	2170.6	2160.0	2181.2	2234.1	2165.3	2080.6	2006.5	2043.6	2117.7	2175.9
15°	1778.8	1673.0	1535.3	1514.1	1524.7	1493.0	1403.0	1307.7	1334.1	1408.3	1450.6
17.5°	1365.9	1244.1	1148.8	1085.3	1064.1	953.0	820.6	741.2	720.0	714.7	751.8
20°	921.2	900.0	884.1	804.7	804.7	645.9	534.7	476.5	476.5	487.1	492.4
22.5°	688.2	661.8	667.1	651.2	608.8	481.8	423.5	407.7	407.7	418.2	418.2
25°	598.2	561.2	550.6	545.3	502.9	412.9	370.6	354.7	354.7	365.3	365.3
27.5°	508.2	497.7	481.8	460.6	423.5	354.7	328.2	312.4	317.7	322.9	317.7
30°	465.9	439.4	418.2	418.2	375.9	317.7	296.5	285.9	275.3	285.9	291.2
32.5°	412.9	397.1	386.5	370.6	322.9	280.6	259.4	248.8	243.5	243.5	248.8
35°	354.7	354.7	344.1	322.9	280.6	254.1	227.7	217.1	211.8	217.1	217.1
37.5°	317.7	301.8	307.1	285.9	248.8	222.4	195.9	185.3	185.3	180.0	185.3
40°	296.5	270.0	254.1	243.5	222.4	190.6	169.4	158.8	153.5	153.5	153.5
42.5°	264.7	243.5	211.8	206.5	201.2	164.1	137.6	132.4	127.1	121.8	121.8
45°	248.8	217.1	190.6	164.1	164.1	137.6	116.5	105.9	100.6	95.3	100.6
47.5°	227.7	195.9	164.1	137.6	132.4	111.2	90.0	79.4	74.1	74.1	74.1
50°	217.1	174.7	142.9	116.5	100.6	90.0	68.8	58.2	52.9	52.9	52.9
52.5°	201.2	164.1	127.1	100.6	79.4	68.8	52.9	42.4	37.1	37.1	37.1
55°	180.0	148.2	111.2	84.7	68.8	52.9	37.1	26.5	21.2	21.2	21.2
57.5°	169.4	132.4	95.3	74.1	52.9	37.1	21.2	15.9	15.9	10.6	15.9
60°	153.5	116.5	79.4	58.2	42.4	26.5	15.9	5.3	5.3	5.3	5.3
62.5°	132.4	100.6	68.8	47.6	31.8	15.9	5.3	0.0	0.0	0.0	0.0
65°	111.2	79.4	52.9	37.1	21.2	5.3	0.0	0.0	0.0	0.0	0.0
67.5°	95.3	68.8	42.4	26.5	15.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	84.7	58.2	31.8	21.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	68.8	47.6	26.5	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	58.2	37.1	15.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	47.6	26.5	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	37.1	21.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	31.8	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.9	5.3	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: P599627
 CATALOG NUMBER: IFLD-L-SA8A-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2	7454.2
2.5°	6723.6	6691.9	6850.7	7110.1	7242.4	7501.9	7565.4	7729.5	7687.2	7745.4
5°	5564.2	5627.7	5860.7	6241.8	6379.5	6755.4	7110.1	7464.8	7692.5	7803.6
7.5°	4129.5	4341.2	4627.1	4976.5	5331.2	5823.6	6427.1	6840.1	7062.4	7300.7
10°	3075.9	3303.6	3631.8	3975.9	4553.0	5103.6	5707.1	6220.7	6411.3	6633.6
12.5°	2419.4	2774.2	3155.3	3525.9	3870.1	4394.2	5140.7	5887.1	6093.6	6263.0
15°	1683.6	2117.7	2663.0	3144.7	3626.5	4081.8	4854.8	5760.1	6040.7	6326.6
17.5°	931.8	1275.9	1900.6	2578.3	3287.7	3986.5	4950.1	5993.0	6416.6	6617.7
20°	540.0	677.7	1122.4	1927.1	2864.2	3780.0	4997.7	6432.4	6993.6	7094.2
22.5°	444.7	492.4	635.3	1207.1	2345.3	3647.7	5241.2	7046.6	7618.3	7856.6
25°	381.2	418.2	492.4	725.3	1773.6	3367.1	5394.8	7814.2	8343.6	8603.1
27.5°	338.8	375.9	434.1	534.7	1207.1	2980.6	5648.9	8507.8	9037.2	9391.9
30°	296.5	328.2	386.5	455.3	836.5	2546.5	5866.0	9016.0	9762.5	9873.7
32.5°	264.7	291.2	333.5	391.8	619.4	1932.4	6040.7	9540.1	10170.1	10413.7
35°	227.7	259.4	285.9	333.5	471.2	1455.9	5934.8	9947.8	10768.4	11059.6
37.5°	201.2	222.4	248.8	280.6	397.1	1138.3	5717.7	10434.8	11281.9	11551.9
40°	169.4	185.3	217.1	248.8	360.0	878.8	5468.9	11022.5	12001.9	12478.4
42.5°	142.9	158.8	180.0	232.9	296.5	651.2	4965.9	11477.8	12584.3	12986.6
45°	111.2	132.4	164.1	232.9	238.2	481.8	4447.1	11816.6	12912.5	13113.7
47.5°	84.7	105.9	158.8	201.2	190.6	333.5	3833.0	12203.1	13251.3	13436.6
50°	63.5	84.7	180.0	174.7	158.8	254.1	3446.5	12473.1	13272.5	13373.1
52.5°	42.4	63.5	148.2	132.4	132.4	222.4	3340.6	12462.5	13325.5	13108.4
55°	31.8	47.6	84.7	95.3	116.5	195.9	3245.3	12859.6	13341.3	13494.9
57.5°	21.2	37.1	58.2	74.1	100.6	169.4	3049.5	13336.1	13833.7	13913.1
60°	10.6	26.5	42.4	58.2	84.7	148.2	2774.2	13685.5	14432.0	14516.7
62.5°	5.3	15.9	31.8	47.6	68.8	116.5	2488.3	13129.6	14172.5	14320.8
65°	0.0	10.6	21.2	31.8	42.4	84.7	2022.4	11853.7	13145.5	13690.8
67.5°	0.0	0.0	10.6	21.2	26.5	63.5	1524.7	10784.3	12197.8	12939.0
70°	0.0	0.0	5.3	5.3	15.9	47.6	974.1	8931.3	10890.1	11297.8
72.5°	0.0	0.0	0.0	0.0	5.3	31.8	566.5	6633.6	8534.2	9291.3
75°	0.0	0.0	0.0	0.0	0.0	26.5	285.9	4267.1	5940.1	6956.6
77.5°	0.0	0.0	0.0	0.0	0.0	21.2	153.5	2753.0	4378.3	5230.7
80°	0.0	0.0	0.0	0.0	0.0	5.3	90.0	1598.8	2800.6	3393.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	37.1	783.5	1673.0	1958.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.6	418.2	836.5	1101.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	58.2	111.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)