

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: P599335

Luminaire Tested: **IFLD-L-SA7D-827-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599335
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-827-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

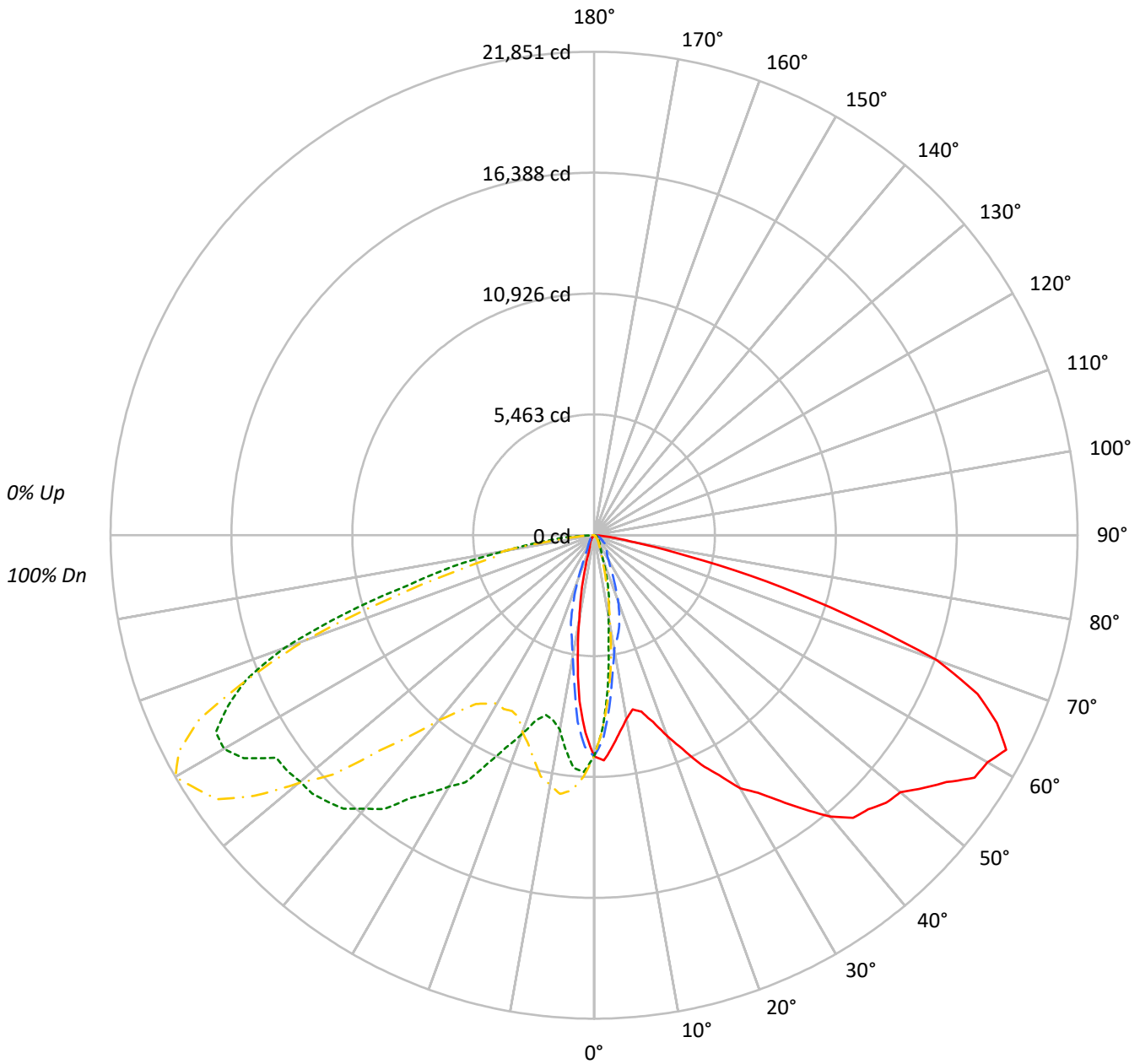
Lumens per Lamp: N/A
 Luminaire Lumens: 26119.2 lumens
 Efficiency: N/A
 Efficacy: 61.8 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	53740	53740	53740	53740
5°	51739	37815	40707	57027
10°	46065	20589	20858	48759
15°	45984	13732	8397	46848
20°	55213	6856	3348	54890
25°	67910	4307	2593	67576
30°	82053	3457	1969	81528
35°	96280	2776	1527	95308
40°	116560	2375	989	113343
45°	133350	2144	536	129651
50°	151292	2064	118	145101
55°	182499	1983	0	164526
60°	220951	1667	0	207837
65°	255847	1345	0	232531
70°	259071	1108	0	234471
75°	167662	732	0	179817
80°	57183	217	0	127241
85°	28702	0	0	93491

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	756.4	2.9
10°-20°	1464.7	5.6
20°-30°	2039.9	7.8
30°-40°	2898.5	11.1
40°-50°	4019.4	15.4
50°-60°	5476.6	21.0
60°-70°	6021.1	23.1
70°-80°	2959.3	11.3
80°-90°	483.3	1.9
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°	4261.0	16.3
0°-40°	7159.5	27.4
0°-60°	16655.4	63.8
0°-90°	26119.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26119.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9985	9985	9985	9985	9985	
5°	9577	7000	7535	10556	9577	876
15°	8253	2465	1507	8408	8253	2443
25°	11436	725	437	11380	11436	5317
35°	14654	422	232	14506	14654	9302
45°	17520	282	70	17034	17520	13581
55°	19450	211	0	17534	19450	17496
65°	20090	106	0	18260	20090	19415
75°	8063	35	0	8647	8063	8790
85°	465	0	0	1514	465	643
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°	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3
2.5°	10189.5	10309.2	10196.6	9802.2	9731.8	9541.7	9253.0	9231.8	8929.0	8964.3	8802.3
5°	9576.9	9696.6	9457.2	8936.1	8450.2	8062.9	7830.5	7415.1	7323.5	7119.3	7119.3
7.5°	8950.2	8943.1	8534.7	8098.1	7372.8	6661.6	6337.7	5739.1	5387.0	5196.9	5013.8
10°	8429.1	8316.4	8062.9	7161.5	6372.9	5633.5	5232.1	4837.7	4471.6	4154.7	3837.8
12.5°	8062.9	8133.3	7731.9	6753.1	5732.1	5218.0	4788.4	4373.0	3936.4	3577.3	3225.2
15°	8253.0	8140.4	7668.6	6661.6	5626.4	4922.2	4351.9	3844.8	3359.0	2887.2	2619.6
17.5°	8844.5	8555.8	7999.5	6661.6	5408.1	4471.6	3781.5	3182.9	2661.8	2239.3	1908.3
20°	9640.3	9309.3	8710.8	6908.0	5246.2	4140.6	3197.0	2443.5	1901.3	1507.0	1253.4
22.5°	10457.1	10196.6	9295.2	7006.6	5056.0	3697.0	2521.0	1767.5	1267.5	1014.0	887.3
25°	11435.9	11069.8	10083.9	7401.0	4774.4	3267.4	1985.8	1232.3	943.6	809.8	732.4
27.5°	12217.6	12154.2	10823.3	7640.4	4563.1	2915.3	1570.3	978.8	781.6	683.1	633.8
30°	13203.4	12858.4	11724.7	8119.2	4323.7	2513.9	1309.8	880.2	718.3	612.6	577.4
32.5°	13795.0	13633.0	12196.5	8386.8	4056.1	2183.0	1126.7	774.6	654.9	577.4	542.2
35°	14654.1	14330.1	12872.5	8555.8	3915.3	1992.8	1014.0	704.2	549.3	471.8	429.6
37.5°	15611.8	15492.0	13682.3	8548.8	3711.0	1880.2	936.6	654.9	521.1	436.6	387.3
40°	16590.6	16104.7	14175.2	8746.0	3605.4	1795.7	880.2	626.7	492.9	415.5	352.1
42.5°	17322.9	16766.6	14745.6	8675.5	3478.7	1647.8	859.1	584.5	471.8	380.3	323.9
45°	17520.1	17322.9	15259.7	8654.4	3387.1	1528.1	823.9	577.4	457.7	359.1	302.8
47.5°	17900.3	17766.6	15893.4	8689.6	3316.7	1436.5	739.4	591.5	436.6	338.0	288.7
50°	18069.4	17829.9	16407.5	8774.1	3154.7	1323.9	661.9	619.7	429.6	331.0	274.6
52.5°	18766.5	18555.2	17111.7	9013.6	3020.9	1176.0	584.5	591.5	443.6	309.8	260.5
55°	19449.6	19210.1	18196.1	9562.8	2830.8	1056.3	500.0	521.1	422.5	281.7	232.4
57.5°	20386.1	19991.8	18921.4	9788.2	2661.8	894.3	443.6	429.6	394.3	253.5	204.2
60°	20527.0	20688.9	18815.8	9647.3	2485.8	788.7	387.3	331.0	422.5	225.3	176.0
62.5°	20998.8	20322.7	18322.9	9323.4	2359.0	725.3	345.0	274.6	366.2	197.2	147.9
65°	20090.4	19590.4	17168.0	8281.2	2197.1	732.4	302.8	225.3	232.4	162.0	119.7
67.5°	18759.5	18365.1	15252.6	7147.5	2035.1	718.3	267.6	197.2	176.0	140.8	105.6
70°	16463.8	15611.8	12957.0	5802.5	1795.7	669.0	225.3	176.0	147.9	112.7	77.5
72.5°	11978.2	11633.1	9295.2	4485.6	1612.6	605.6	211.3	147.9	126.8	84.5	63.4
75°	8062.9	7492.5	5865.8	2943.5	1295.7	528.1	176.0	133.8	98.6	63.4	49.3
77.5°	4260.3	4027.9	3323.7	1401.3	718.3	246.5	98.6	77.5	56.3	49.3	28.2
80°	1845.0	1640.7	1436.5	570.4	253.5	112.7	63.4	42.3	35.2	28.2	14.1
82.5°	943.6	901.4	746.4	246.5	147.9	84.5	35.2	28.2	21.1	14.1	7.0
85°	464.8	478.8	394.3	77.5	84.5	49.3	7.0	7.0	0.0	0.0	0.0
87.5°	35.2	35.2	28.2	14.1	21.1	7.0	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3
2.5°	8738.9	8837.5	8668.5	8774.1	8724.8	8746.0	8767.1	8710.8	8724.8	8922.0	8929.0
5°	6999.6	7189.7	7119.3	7217.9	7386.9	7302.4	7379.8	7365.8	7379.8	7408.0	7534.8
7.5°	4992.7	4936.3	5070.1	5330.7	5633.5	5816.6	5725.0	5675.7	5647.6	5577.1	5661.6
10°	3767.4	3739.2	3704.0	3781.5	3978.6	4182.9	4295.5	4105.4	3999.8	3866.0	3816.7
12.5°	3126.6	2950.5	2851.9	2732.2	2788.6	2971.7	2978.7	2795.6	2626.6	2556.2	2633.6
15°	2464.6	2344.9	2168.9	1999.9	1915.4	2056.2	1936.5	1760.5	1542.2	1514.0	1507.0
17.5°	1760.5	1690.0	1563.3	1492.9	1394.3	1359.1	1232.3	964.7	809.8	767.6	781.6
20°	1197.1	1140.8	1133.7	1070.4	1028.1	999.9	795.7	619.7	570.4	577.4	584.5
22.5°	887.3	859.1	823.9	816.9	781.6	746.4	584.5	521.1	485.9	485.9	507.0
25°	725.3	711.2	676.0	661.9	647.8	598.6	492.9	443.6	429.6	415.5	436.6
27.5°	619.7	612.6	591.5	570.4	556.3	507.0	429.6	387.3	373.2	373.2	373.2
30°	556.3	556.3	528.1	485.9	485.9	429.6	366.2	338.0	323.9	323.9	316.9
32.5°	521.1	507.0	471.8	443.6	422.5	366.2	323.9	295.8	274.6	274.6	281.7
35°	422.5	422.5	415.5	394.3	366.2	309.8	274.6	246.5	232.4	225.3	232.4
37.5°	373.2	352.1	323.9	331.0	316.9	267.6	232.4	211.3	190.1	190.1	190.1
40°	338.0	316.9	288.7	267.6	260.5	239.4	204.2	169.0	147.9	140.8	140.8
42.5°	302.8	288.7	246.5	211.3	204.2	204.2	154.9	126.8	105.6	105.6	105.6
45°	281.7	260.5	225.3	183.1	147.9	154.9	126.8	91.5	77.5	70.4	70.4
47.5°	267.6	246.5	197.2	154.9	112.7	112.7	91.5	63.4	49.3	42.3	42.3
50°	246.5	225.3	176.0	126.8	84.5	70.4	56.3	35.2	21.1	14.1	14.1
52.5°	232.4	211.3	154.9	105.6	70.4	49.3	35.2	7.0	0.0	0.0	0.0
55°	211.3	183.1	133.8	84.5	56.3	28.2	7.0	0.0	0.0	0.0	0.0
57.5°	183.1	162.0	105.6	63.4	35.2	7.0	0.0	0.0	0.0	0.0	0.0
60°	154.9	133.8	84.5	49.3	14.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	126.8	112.7	63.4	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	105.6	84.5	49.3	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	91.5	70.4	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	70.4	49.3	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	49.3	35.2	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	35.2	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	21.1	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3
2.5°	8957.2	9168.5	9365.6	9422.0	9576.9	10006.4	10006.4	10210.7	10576.8	10710.6	10738.8
5°	7555.9	7781.2	7823.5	8260.1	8464.3	8900.9	9189.6	9879.7	10295.2	10555.7	10717.7
7.5°	5746.1	5823.6	5985.6	6394.0	6795.4	7323.5	7872.8	8753.0	9485.4	9781.1	10330.4
10°	3950.5	4182.9	4534.9	4901.1	5527.8	6112.3	6823.5	7654.5	8555.8	8922.0	9393.8
12.5°	2661.8	2985.7	3549.1	4070.2	4647.6	5239.1	5915.1	7027.8	8048.8	8555.8	9027.6
15°	1556.2	1950.6	2436.5	3281.5	4049.1	4711.0	5387.0	6513.7	7753.1	8408.0	8985.4
17.5°	788.7	908.4	1309.8	2042.1	3056.2	4140.6	5147.6	6584.1	7978.4	8781.2	9260.0
20°	591.5	626.7	739.4	1084.4	2091.4	3422.3	4922.2	6689.7	8605.1	9583.9	9844.5
22.5°	514.1	542.2	591.5	704.2	1176.0	2619.6	4605.4	6950.3	9457.2	10379.7	10928.9
25°	436.6	464.8	507.0	577.4	753.5	1781.6	4218.1	7224.9	10217.7	11379.6	11893.7
27.5°	380.3	401.4	443.6	500.0	612.6	1133.7	3549.1	7591.1	11379.6	12590.8	12724.6
30°	323.9	345.0	380.3	443.6	521.1	802.8	2605.5	7640.4	12020.4	13118.9	13492.2
32.5°	281.7	288.7	331.0	387.3	436.6	633.8	1830.9	7689.7	12492.2	13802.0	13879.5
35°	232.4	246.5	288.7	323.9	380.3	500.0	1387.2	7443.2	13104.9	14506.2	14485.1
37.5°	190.1	211.3	239.4	267.6	309.8	422.5	1105.6	6985.5	13872.4	15597.7	14935.7
40°	147.9	169.0	197.2	232.4	260.5	380.3	830.9	6295.4	14675.2	16132.8	15428.7
42.5°	105.6	119.7	147.9	183.1	232.4	316.9	598.6	5478.5	14992.1	16759.6	16020.2
45°	77.5	91.5	112.7	154.9	239.4	253.5	415.5	4732.1	15330.1	17034.2	15886.4
47.5°	42.3	56.3	84.5	133.8	211.3	190.1	295.8	4063.1	15717.4	17280.7	15992.0
50°	14.1	21.1	49.3	140.8	169.0	147.9	232.4	3704.0	16097.6	17330.0	16203.3
52.5°	0.0	0.0	28.2	147.9	126.8	112.7	204.2	3563.2	15999.1	17484.9	16069.5
55°	0.0	0.0	7.0	63.4	70.4	84.5	169.0	3556.1	16696.2	17534.2	16801.8
57.5°	0.0	0.0	0.0	21.1	42.3	70.4	147.9	3330.8	17139.8	18759.5	17787.7
60°	0.0	0.0	0.0	7.0	28.2	49.3	112.7	3133.6	17590.5	19308.7	18844.0
62.5°	0.0	0.0	0.0	0.0	7.0	21.1	77.5	2830.8	16682.1	19266.5	19865.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	49.3	2239.3	15006.2	18259.5	19301.7
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	28.2	1549.2	13140.1	16992.0	18266.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	936.6	10605.0	14900.5	15492.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	401.4	7570.0	11830.3	12710.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162.0	4682.8	8647.4	9731.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.4	3035.0	6548.9	7386.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	1619.6	4105.4	4774.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	704.2	2492.8	2873.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	225.3	1514.0	1725.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	232.4	309.8
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: P599335
 CATALOG NUMBER: IFLD-L-SA7D-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3	9985.3
2.5°	10752.9	10957.1	11034.6	10914.8	10928.9	10682.5	10647.3	10302.2	10161.4	10189.5
5°	11245.8	11541.6	11703.5	11569.7	11266.9	10795.1	10365.6	9957.2	9703.7	9576.9
7.5°	11133.1	11464.1	11668.3	11795.1	11450.0	10689.5	10034.6	9267.1	8943.1	8950.2
10°	10513.5	11203.6	11619.0	11457.1	11295.1	10534.6	9520.6	8689.6	8400.9	8429.1
12.5°	10013.5	10781.1	11027.5	11154.3	10823.3	10217.7	9534.6	8584.0	8260.1	8062.9
15°	9703.7	10274.0	10288.1	10485.3	10351.5	10351.5	9682.5	8753.0	8471.3	8253.0
17.5°	9703.7	9830.4	9816.3	9886.7	10112.1	10379.7	10055.7	9436.1	8879.8	8844.5
20°	9921.9	9527.6	9436.1	9464.2	9654.4	10450.1	10879.6	10105.0	9752.9	9640.3
22.5°	10429.0	9562.8	9006.5	8907.9	9492.4	10443.0	11407.8	11161.3	10548.7	10457.1
25°	11126.1	9499.4	8893.8	8767.1	9210.7	10696.5	12133.1	12182.4	11626.1	11435.9
27.5°	11788.0	9781.1	8879.8	8851.6	9436.1	10640.2	12633.1	12999.2	12372.5	12217.6
30°	12013.4	10062.8	9140.3	8767.1	9520.6	10844.4	12619.0	13576.7	13168.2	13203.4
32.5°	12281.0	10344.5	9168.5	9020.6	9879.7	11175.4	13020.4	14506.2	14210.4	13795.0
35°	12675.3	10724.7	9436.1	9302.3	10133.2	11471.2	13104.9	15189.2	15139.9	14654.1
37.5°	13013.3	11097.9	9992.4	10013.5	10907.8	11950.0	13478.1	16027.2	15942.7	15611.8
40°	13252.7	11619.0	10858.5	10914.8	11583.8	12485.2	14140.0	16449.7	17076.5	16590.6
42.5°	13287.9	12083.8	11851.4	12302.1	12928.8	13316.1	14407.6	16738.4	17639.8	17322.9
45°	13421.7	12823.2	13471.0	13802.0	14316.1	14048.5	14393.5	17231.4	17682.1	17520.1
47.5°	13942.8	14168.2	14985.0	15992.0	16175.1	15294.9	14731.5	17308.8	17921.5	17900.3
50°	14485.1	15611.8	16759.6	17428.5	17660.9	16154.0	15048.4	17245.5	18238.4	18069.4
52.5°	15090.7	16865.2	18520.0	19343.9	19217.2	17104.6	15407.5	17759.5	18822.8	18766.5
55°	15470.9	17428.5	19653.8	20801.6	20703.0	18167.9	16548.3	18498.9	19590.4	19449.6
57.5°	16477.9	18344.0	20780.5	21315.6	21576.2	19562.2	17344.0	19710.1	20231.2	20386.1
60°	17308.8	18942.5	21076.2	21850.8	21942.4	20393.2	18738.3	20956.5	21048.0	20527.0
62.5°	18527.1	19174.9	20449.5	21146.6	21618.4	20865.0	19991.8	21625.5	21034.0	20998.8
65°	19421.4	18414.4	19280.5	19667.8	19970.6	20146.7	21252.3	22083.2	20773.4	20090.4
67.5°	18921.4	16977.9	16815.9	16837.0	16928.6	17991.9	20829.8	20963.5	19322.8	18759.5
70°	16653.9	13928.8	13710.5	13879.5	13421.7	14703.4	19118.6	19055.2	17048.3	16463.8
72.5°	13471.0	10154.3	9781.1	10013.5	10119.1	11478.2	16083.6	14449.8	12435.9	11978.2
75°	10703.6	7443.2	6281.3	6844.7	7203.8	8358.7	12562.6	9816.3	8682.6	8062.9
77.5°	8408.0	5633.5	4887.0	4661.7	4992.7	6077.1	9140.3	5154.6	4549.0	4260.3
80°	5330.7	4140.6	4492.7	4168.8	4309.6	4337.8	4760.3	2344.9	1866.1	1845.0
82.5°	3211.1	2830.8	3366.0	1852.0	3373.0	3013.9	1978.8	1063.3	943.6	943.6
85°	2274.5	1753.4	1161.9	753.5	1499.9	1654.8	767.6	549.3	478.8	464.8
87.5°	1140.8	542.2	260.5	169.0	190.1	309.8	91.5	42.3	42.3	35.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)