

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: P599151

Luminaire Tested: **IFLD-S-SA6D-727-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: P599151
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

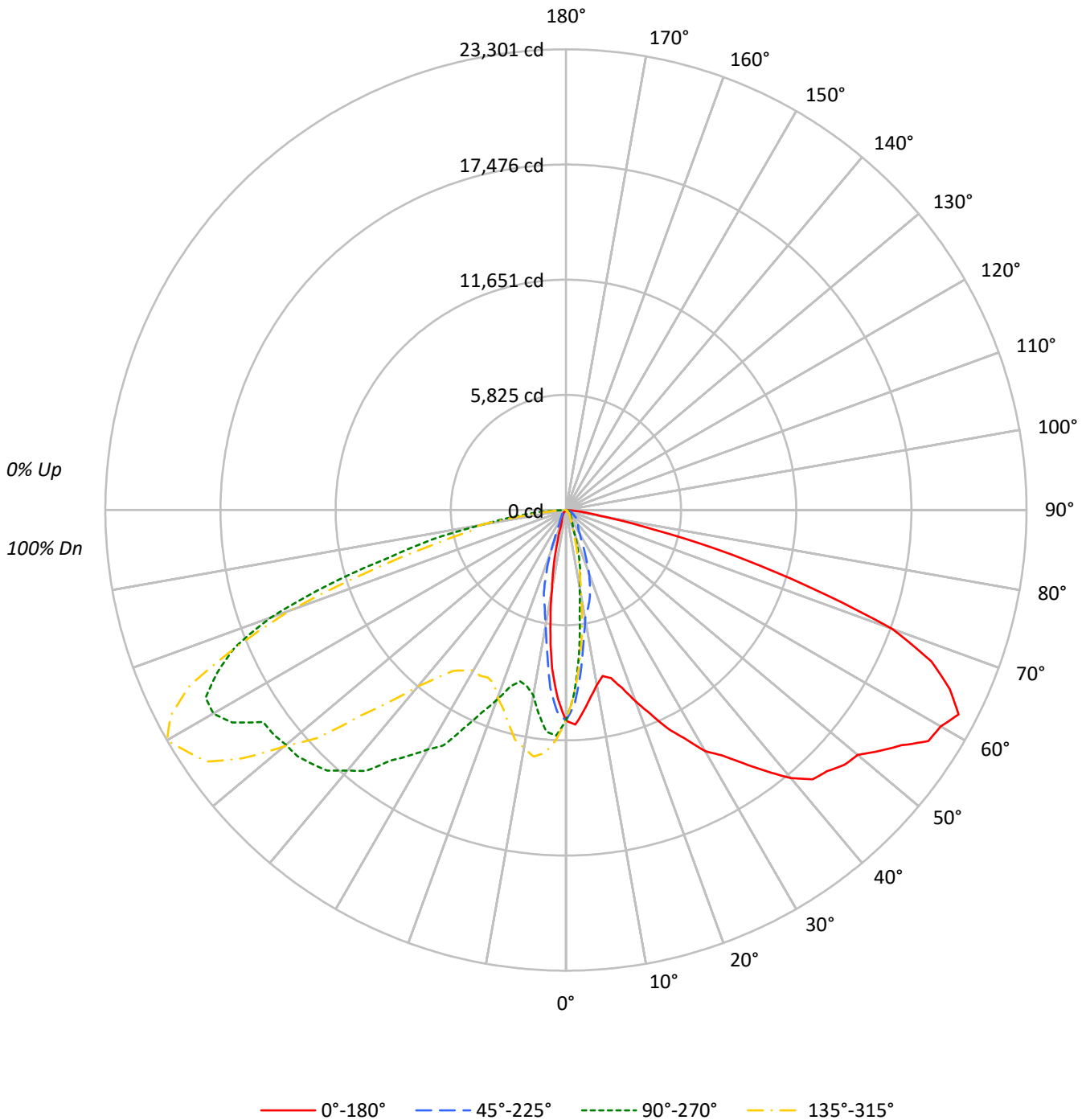
Lumens per Lamp: N/A
 Luminaire Lumens: 27852.5 lumens
 Efficiency: N/A
 Efficacy: 75.6 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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



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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			100	
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	76409	76409	76409	76409
5°	73564	53767	57878	81082
10°	65496	29273	29657	69326
15°	65381	19525	11939	66608
20°	78503	9749	4760	78045
25°	96557	6124	3687	96081
30°	116665	4915	2800	115919
35°	136892	3947	2171	135511
40°	165727	3376	1407	161154
45°	189599	3049	762	184341
50°	215109	2934	167	206308
55°	259479	2819	0	233926
60°	314151	2371	0	295507
65°	363769	1912	0	330617
70°	368352	1576	0	333376
75°	238386	1040	0	255667
80°	81302	310	0	180911
85°	40805	0	0	132929

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	806.6	2.9
10°-20°	1561.9	5.6
20°-30°	2175.3	7.8
30°-40°	3090.8	11.1
40°-50°	4286.1	15.4
50°-60°	5840.1	21.0
60°-70°	6420.7	23.1
70°-80°	3155.7	11.3
80°-90°	515.3	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°	4543.8	16.3
0°-40°	7634.6	27.4
0°-60°	17760.8	63.8
0°-90°	27852.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27852.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10648	10648	10648	10648	10648	
5°	10212	7464	8035	11256	10212	935
15°	8801	2628	1607	8966	8801	2605
25°	12195	773	466	12135	12195	5670
35°	15627	451	248	15469	15627	9919
45°	18683	300	75	18165	18683	14483
55°	20740	225	0	18698	20740	18657
65°	21424	113	0	19471	21424	20704
75°	8598	38	0	9221	8598	9374
85°	496	0	0	1614	496	686
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°	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0
2.5°	10865.8	10993.4	10873.3	10452.8	10377.7	10174.9	9867.0	9844.5	9521.6	9559.2	9386.5
5°	10212.5	10340.1	10084.8	9529.1	9011.0	8598.0	8350.2	7907.2	7809.5	7591.8	7591.8
7.5°	9544.2	9536.6	9101.1	8635.5	7862.1	7103.7	6758.3	6120.0	5744.5	5541.8	5346.5
10°	8988.5	8868.3	8598.0	7636.8	6795.8	6007.3	5579.3	5158.8	4768.3	4430.4	4092.5
12.5°	8598.0	8673.1	8245.1	7201.3	6112.5	5564.3	5106.2	4663.2	4197.6	3814.7	3439.2
15°	8800.7	8680.6	8177.5	7103.7	5999.8	5248.9	4640.7	4100.0	3581.9	3078.8	2793.4
17.5°	9431.5	9123.6	8530.4	7103.7	5767.0	4768.3	4032.4	3394.1	2838.5	2387.9	2035.0
20°	10280.0	9927.1	9288.8	7366.5	5594.3	4415.4	3409.2	2605.7	2027.5	1607.0	1336.6
22.5°	11151.1	10873.3	9912.1	7471.6	5391.6	3942.3	2688.3	1884.8	1351.7	1081.3	946.2
25°	12194.9	11804.4	10753.1	7892.1	5091.2	3484.3	2117.6	1314.1	1006.2	863.6	781.0
27.5°	13028.4	12960.8	11541.6	8147.4	4865.9	3108.8	1674.5	1043.8	833.5	728.4	675.8
30°	14079.7	13711.7	12502.8	8658.1	4610.6	2680.8	1396.7	938.6	765.9	653.3	615.8
32.5°	14710.5	14537.7	13005.9	8943.4	4325.3	2327.8	1201.5	826.0	698.4	615.8	578.2
35°	15626.6	15281.2	13726.8	9123.6	4175.1	2125.1	1081.3	750.9	585.7	503.1	458.1
37.5°	16647.8	16520.2	14590.3	9116.1	3957.3	2004.9	998.7	698.4	555.7	465.6	413.0
40°	17691.6	17173.5	15116.0	9326.4	3844.7	1914.8	938.6	668.3	525.6	443.0	375.5
42.5°	18472.6	17879.3	15724.2	9251.3	3709.5	1757.1	916.1	623.3	503.1	405.5	345.4
45°	18682.8	18472.6	16272.4	9228.8	3611.9	1629.5	878.6	615.8	488.1	383.0	322.9
47.5°	19088.3	18945.6	16948.2	9266.3	3536.8	1531.9	788.5	630.8	465.6	360.4	307.9
50°	19268.5	19013.2	17496.4	9356.4	3364.1	1411.7	705.9	660.8	458.1	352.9	292.9
52.5°	20011.9	19786.7	18247.3	9611.7	3221.4	1254.0	623.3	630.8	473.1	330.4	277.8
55°	20740.3	20485.0	19403.7	10197.4	3018.7	1126.4	533.2	555.7	450.6	300.4	247.8
57.5°	21739.0	21318.5	20177.1	10437.7	2838.5	953.7	473.1	458.1	420.5	270.3	217.8
60°	21889.2	22061.9	20064.5	10287.6	2650.7	841.0	413.0	352.9	450.6	240.3	187.7
62.5°	22392.3	21671.5	19538.9	9942.1	2515.6	773.4	367.9	292.9	390.5	210.3	157.7
65°	21423.7	20890.5	18307.3	8830.8	2342.9	781.0	322.9	240.3	247.8	172.7	127.7
67.5°	20004.4	19583.9	16264.9	7621.8	2170.1	765.9	285.3	210.3	187.7	150.2	112.6
70°	17556.4	16647.8	13816.9	6187.6	1914.8	713.4	240.3	187.7	157.7	120.1	82.6
72.5°	12773.1	12405.1	9912.1	4783.3	1719.6	645.8	225.3	157.7	135.2	90.1	67.6
75°	8598.0	7989.8	6255.1	3138.8	1381.7	563.2	187.7	142.7	105.1	67.6	52.6
77.5°	4543.0	4295.2	3544.3	1494.3	765.9	262.8	105.1	82.6	60.1	52.6	30.0
80°	1967.4	1749.6	1531.9	608.2	270.3	120.1	67.6	45.1	37.5	30.0	15.0
82.5°	1006.2	961.2	796.0	262.8	157.7	90.1	37.5	30.0	22.5	15.0	7.5
85°	495.6	510.6	420.5	82.6	90.1	52.6	7.5	7.5	0.0	0.0	0.0
87.5°	37.5	37.5	30.0	15.0	22.5	7.5	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°	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0
2.5°	9318.9	9424.0	9243.8	9356.4	9303.9	9326.4	9348.9	9288.8	9303.9	9514.1	9521.6
5°	7464.1	7666.9	7591.8	7696.9	7877.1	7787.0	7869.6	7854.6	7869.6	7899.6	8034.8
7.5°	5324.0	5263.9	5406.6	5684.4	6007.3	6202.6	6105.0	6052.4	6022.4	5947.3	6037.4
10°	4017.4	3987.4	3949.8	4032.4	4242.7	4460.4	4580.6	4377.8	4265.2	4122.5	4070.0
12.5°	3334.1	3146.3	3041.2	2913.6	2973.6	3168.9	3176.4	2981.1	2800.9	2725.8	2808.4
15°	2628.2	2500.6	2312.8	2132.6	2042.5	2192.7	2065.0	1877.3	1644.5	1614.5	1607.0
17.5°	1877.3	1802.2	1667.0	1591.9	1486.8	1449.3	1314.1	1028.8	863.6	818.5	833.5
20°	1276.6	1216.5	1209.0	1141.4	1096.3	1066.3	848.5	660.8	608.2	615.8	623.3
22.5°	946.2	916.1	878.6	871.1	833.5	796.0	623.3	555.7	518.1	518.1	540.7
25°	773.4	758.4	720.9	705.9	690.8	638.3	525.6	473.1	458.1	443.0	465.6
27.5°	660.8	653.3	630.8	608.2	593.2	540.7	458.1	413.0	398.0	398.0	398.0
30°	593.2	593.2	563.2	518.1	518.1	458.1	390.5	360.4	345.4	345.4	337.9
32.5°	555.7	540.7	503.1	473.1	450.6	390.5	345.4	315.4	292.9	292.9	300.4
35°	450.6	450.6	443.0	420.5	390.5	330.4	292.9	262.8	247.8	240.3	247.8
37.5°	398.0	375.5	345.4	352.9	337.9	285.3	247.8	225.3	202.7	202.7	202.7
40°	360.4	337.9	307.9	285.3	277.8	255.3	217.8	180.2	157.7	150.2	150.2
42.5°	322.9	307.9	262.8	225.3	217.8	217.8	165.2	135.2	112.6	112.6	112.6
45°	300.4	277.8	240.3	195.2	157.7	165.2	135.2	97.6	82.6	75.1	75.1
47.5°	285.3	262.8	210.3	165.2	120.1	120.1	97.6	67.6	52.6	45.1	45.1
50°	262.8	240.3	187.7	135.2	90.1	75.1	60.1	37.5	22.5	15.0	15.0
52.5°	247.8	225.3	165.2	112.6	75.1	52.6	37.5	7.5	0.0	0.0	0.0
55°	225.3	195.2	142.7	90.1	60.1	30.0	7.5	0.0	0.0	0.0	0.0
57.5°	195.2	172.7	112.6	67.6	37.5	7.5	0.0	0.0	0.0	0.0	0.0
60°	165.2	142.7	90.1	52.6	15.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	135.2	120.1	67.6	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	112.6	90.1	52.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	97.6	75.1	37.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	75.1	52.6	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	52.6	37.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	37.5	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.5	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°	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0
2.5°	9551.7	9776.9	9987.2	10047.3	10212.5	10670.5	10670.5	10888.3	11278.8	11421.4	11451.5
5°	8057.3	8297.6	8342.7	8808.3	9026.0	9491.6	9799.5	10535.4	10978.4	11256.2	11429.0
7.5°	6127.5	6210.1	6382.8	6818.3	7246.3	7809.5	8395.2	9333.9	10114.8	10430.2	11015.9
10°	4212.6	4460.4	4835.9	5226.4	5894.7	6518.0	7276.4	8162.5	9123.6	9514.1	10017.2
12.5°	2838.5	3183.9	3784.6	4340.3	4956.1	5586.8	6307.7	7494.1	8583.0	9123.6	9626.8
15°	1659.5	2080.0	2598.2	3499.3	4317.8	5023.6	5744.5	6946.0	8267.6	8965.9	9581.7
17.5°	841.0	968.7	1396.7	2177.7	3259.0	4415.4	5489.2	7021.1	8507.9	9363.9	9874.6
20°	630.8	668.3	788.5	1156.4	2230.2	3649.5	5248.9	7133.7	9176.2	10220.0	10497.8
22.5°	548.2	578.2	630.8	750.9	1254.0	2793.4	4911.0	7411.5	10084.8	11068.5	11654.2
25°	465.6	495.6	540.7	615.8	803.5	1899.8	4498.0	7704.4	10895.8	12134.8	12683.0
27.5°	405.5	428.0	473.1	533.2	653.3	1209.0	3784.6	8094.9	12134.8	13426.4	13569.1
30°	345.4	367.9	405.5	473.1	555.7	856.0	2778.4	8147.4	12818.1	13989.6	14387.6
32.5°	300.4	307.9	352.9	413.0	465.6	675.8	1952.4	8200.0	13321.3	14718.0	14800.6
35°	247.8	262.8	307.9	345.4	405.5	533.2	1479.3	7937.2	13974.6	15468.9	15446.4
37.5°	202.7	225.3	255.3	285.3	330.4	450.6	1178.9	7449.1	14793.1	16632.8	15926.9
40°	157.7	180.2	210.3	247.8	277.8	405.5	886.1	6713.2	15649.1	17203.5	16452.6
42.5°	112.6	127.7	157.7	195.2	247.8	337.9	638.3	5842.1	15987.0	17871.8	17083.4
45°	82.6	97.6	120.1	165.2	255.3	270.3	443.0	5046.2	16347.5	18164.7	16940.7
47.5°	45.1	60.1	90.1	142.7	225.3	202.7	315.4	4332.8	16760.5	18427.5	17053.3
50°	15.0	22.5	52.6	150.2	180.2	157.7	247.8	3949.8	17166.0	18480.1	17278.6
52.5°	0.0	0.0	30.0	157.7	135.2	120.1	217.8	3799.6	17060.8	18645.3	17135.9
55°	0.0	0.0	7.5	67.6	75.1	90.1	180.2	3792.1	17804.2	18697.8	17916.9
57.5°	0.0	0.0	0.0	22.5	45.1	75.1	157.7	3551.8	18277.3	20004.4	18968.2
60°	0.0	0.0	0.0	7.5	30.0	52.6	120.1	3341.6	18757.9	20590.1	20094.5
62.5°	0.0	0.0	0.0	0.0	7.5	22.5	82.6	3018.7	17789.2	20545.1	21183.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	52.6	2387.9	16002.0	19471.3	20582.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	30.0	1652.0	14012.1	18119.6	19478.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	998.7	11308.8	15889.4	16520.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	428.0	8072.4	12615.4	13554.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172.7	4993.6	9221.3	10377.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.6	3236.5	6983.5	7877.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	1727.1	4377.8	5091.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	750.9	2658.2	3063.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	240.3	1614.5	1839.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	247.8	330.4
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: P599151
 CATALOG NUMBER: IFLD-S-SA6D-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0	10648.0
2.5°	11466.5	11684.3	11766.9	11639.2	11654.2	11391.4	11353.9	10985.9	10835.7	10865.8
5°	11992.1	12307.5	12480.2	12337.6	12014.7	11511.6	11053.5	10618.0	10347.6	10212.5
7.5°	11872.0	12224.9	12442.7	12577.9	12209.9	11398.9	10700.6	9882.1	9536.6	9544.2
10°	11211.2	11947.1	12390.1	12217.4	12044.7	11233.7	10152.4	9266.3	8958.4	8988.5
12.5°	10678.0	11496.5	11759.4	11894.5	11541.6	10895.8	10167.4	9153.7	8808.3	8598.0
15°	10347.6	10955.9	10970.9	11181.1	11038.5	11038.5	10325.1	9333.9	9033.5	8800.7
17.5°	10347.6	10482.8	10467.8	10542.9	10783.2	11068.5	10723.1	10062.3	9469.1	9431.5
20°	10580.4	10159.9	10062.3	10092.3	10295.1	11143.6	11601.7	10775.7	10400.2	10280.0
22.5°	11121.1	10197.4	9604.2	9499.1	10122.4	11136.1	12164.9	11902.0	11248.7	11151.1
25°	11864.5	10129.9	9484.1	9348.9	9822.0	11406.4	12938.3	12990.9	12397.6	12194.9
27.5°	12570.3	10430.2	9469.1	9439.0	10062.3	11346.4	13471.4	13861.9	13193.6	13028.4
30°	12810.6	10730.6	9746.9	9348.9	10152.4	11564.1	13456.4	14477.7	14042.1	14079.7
32.5°	13096.0	11031.0	9776.9	9619.2	10535.4	11917.0	13884.4	15468.9	15153.5	14710.5
35°	13516.5	11436.5	10062.3	9919.6	10805.7	12232.4	13974.6	16197.3	16144.7	15626.6
37.5°	13876.9	11834.4	10655.5	10678.0	11631.7	12743.1	14372.5	17090.9	17000.8	16647.8
40°	14132.3	12390.1	11579.1	11639.2	12352.6	13313.8	15078.4	17541.4	18209.7	17691.6
42.5°	14169.8	12885.7	12637.9	13118.5	13786.8	14199.8	15363.8	17849.3	18810.5	18472.6
45°	14312.5	13674.2	14365.0	14718.0	15266.1	14980.8	15348.7	18374.9	18855.5	18682.8
47.5°	14868.2	15108.4	15979.5	17053.3	17248.6	16309.9	15709.2	18457.5	19110.8	19088.3
50°	15446.4	16647.8	17871.8	18585.2	18833.0	17226.0	16047.1	18389.9	19448.7	19268.5
52.5°	16092.1	17984.5	19749.1	20627.7	20492.5	18239.8	16430.1	18938.1	20072.0	20011.9
55°	16497.6	18585.2	20958.1	22182.1	22077.0	19373.7	17646.5	19726.6	20890.5	20740.3
57.5°	17571.5	19561.4	22159.6	22730.2	23008.1	20860.5	18495.1	21018.2	21573.8	21739.0
60°	18457.5	20199.7	22474.9	23300.9	23398.6	21746.5	19981.9	22347.3	22444.9	21889.2
62.5°	19756.6	20447.5	21806.6	22550.0	23053.1	22249.7	21318.5	23060.7	22429.9	22392.3
65°	20710.3	19636.5	20560.1	20973.1	21296.0	21483.7	22662.7	23548.7	22152.0	21423.7
67.5°	20177.1	18104.6	17931.9	17954.4	18052.0	19185.9	22212.1	22354.8	20605.2	20004.4
70°	17759.2	14853.1	14620.3	14800.6	14312.5	15679.1	20387.4	20319.8	18179.7	17556.4
72.5°	14365.0	10828.2	10430.2	10678.0	10790.7	12239.9	17150.9	15408.8	13261.2	12773.1
75°	11413.9	7937.2	6698.2	7298.9	7681.9	8913.4	13396.4	10467.8	9258.8	8598.0
77.5°	8965.9	6007.3	5211.4	4971.1	5324.0	6480.4	9746.9	5496.7	4850.9	4543.0
80°	5684.4	4415.4	4790.8	4445.4	4595.6	4625.6	5076.2	2500.6	1989.9	1967.4
82.5°	3424.2	3018.7	3589.4	1974.9	3596.9	3213.9	2110.1	1133.9	1006.2	1006.2
85°	2425.5	1869.8	1239.0	803.5	1599.5	1764.7	818.5	585.7	510.6	495.6
87.5°	1216.5	578.2	277.8	180.2	202.7	330.4	97.6	45.1	45.1	37.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)