

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: P599469

Luminaire Tested: **IFLD-S-SA6C-735-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: P599469
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

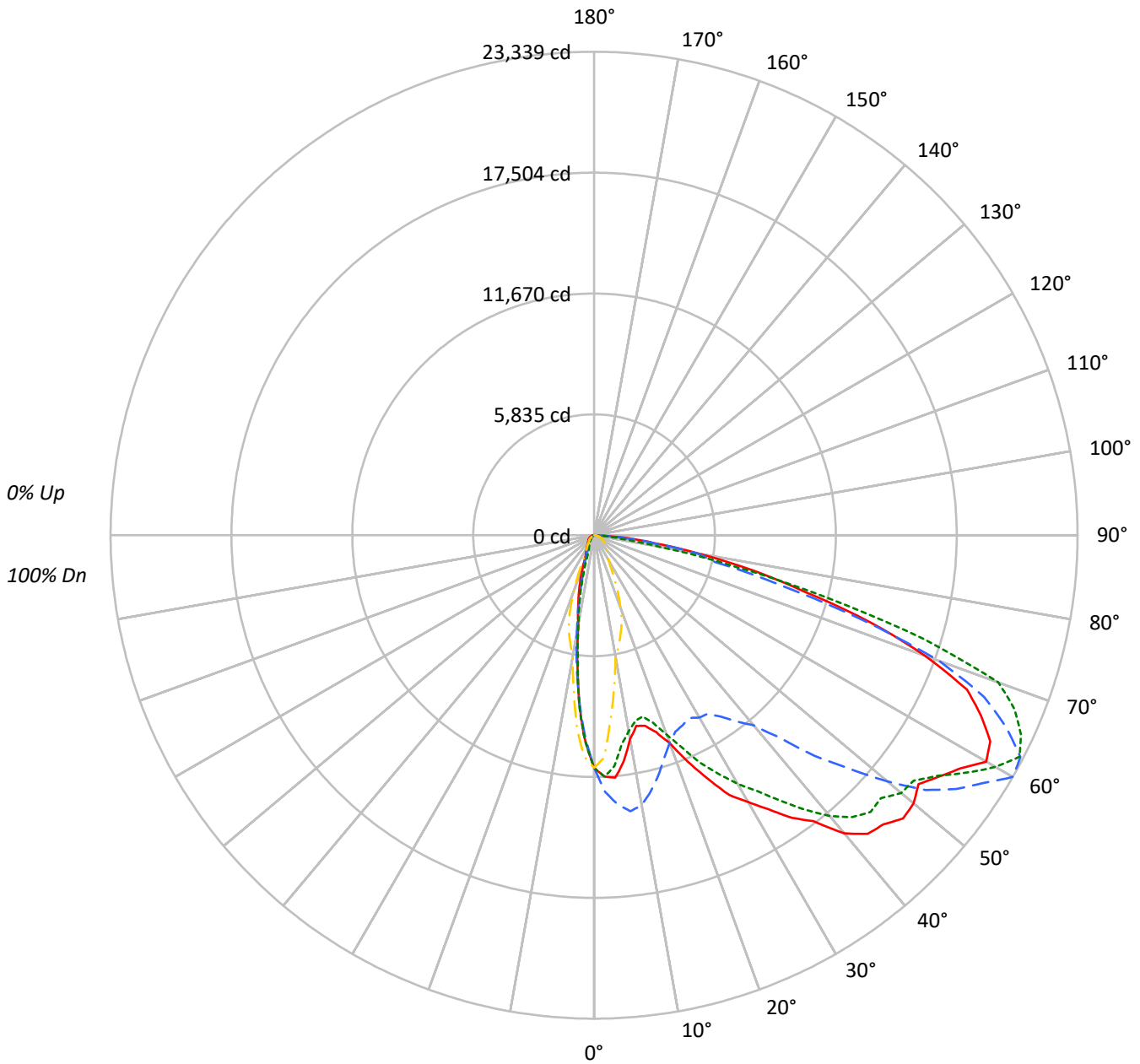
Lumens per Lamp: N/A
 Luminaire Lumens: 29849.2 lumens
 Efficiency: N/A
 Efficacy: 92.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 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	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°	80536	80536	80536	80536
5°	84634	80557	58853	59197
10°	72776	69988	32177	31422
15°	70764	67270	20903	15752
20°	81566	78157	11200	5600
25°	102557	95930	7258	4355
30°	123179	114791	5878	3566
35°	145869	136862	4818	2863
40°	175992	165688	4256	2166
45°	200368	191633	3964	1456
50°	224778	216058	3915	890
55°	254196	253298	3890	399
60°	313679	321116	3546	115
65°	350001	386002	3248	0
70°	356888	435657	3011	0
75°	290394	321336	2872	0
80°	211144	134392	2963	0
85°	136511	56440	3936	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	852.6	2.9
10°-20°	1671.9	5.6
20°-30°	2313.7	7.8
30°-40°	3269.8	11.0
40°-50°	4451.9	14.9
50°-60°	5896.3	19.8
60°-70°	6846.1	22.9
70°-80°	3877.0	13.0
80°-90°	669.9	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°	4838.2	16.2
0°-40°	8108.1	27.2
0°-60°	18456.3	61.8
0°-90°	29849.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29849.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11223	11223	11223	11223	11223	
5°	11749	11183	8170	8218	11749	1055
15°	9525	9055	2814	2120	9525	2794
25°	12953	12116	917	550	12953	6041
35°	16651	15623	550	327	16651	10497
45°	19744	18883	391	144	19744	15307
55°	20318	20246	311	32	20318	18408
65°	20613	22733	191	0	20613	20094
75°	10474	11590	104	0	10474	11431
85°	1658	686	48	0	1658	1992
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°	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1
2.5°	11661.5	11908.6	11916.6	12028.2	12139.8	12139.8	12402.8	12339.0	12107.9	12068.0	11900.6	11900.6
5°	11749.2	11836.9	11900.6	12466.6	12944.8	12897.0	13040.5	12944.8	12498.4	11924.5	11534.0	11534.0
7.5°	10991.9	11087.6	11342.7	12307.1	12952.8	13168.0	13439.0	12841.2	12370.9	11334.7	10585.4	10585.4
10°	9987.6	10170.9	10641.2	11741.2	12538.3	13223.8	13223.8	12745.5	11836.9	10824.5	9907.9	9907.9
12.5°	9429.6	9796.3	10051.4	11167.3	12203.5	12673.8	12657.9	12402.8	11812.9	10537.6	9501.4	9501.4
15°	9525.3	9628.9	10170.9	11039.8	11725.3	11701.4	11988.3	11908.6	11494.1	10792.7	9652.8	9652.8
17.5°	9963.7	10123.1	10593.4	11039.8	11366.6	11270.9	11263.0	11645.6	11669.5	11223.1	10218.8	10218.8
20°	10681.1	11151.4	11374.5	11510.1	11111.5	10705.0	10657.2	11191.2	11605.7	11773.1	10896.3	10896.3
22.5°	11828.9	12139.8	12594.1	11900.6	10864.4	10354.3	10258.6	10848.5	11685.4	12426.7	11773.1	11773.1
25°	12952.8	13191.9	13630.3	12737.6	11143.4	10282.5	10115.1	10625.3	11988.3	13335.4	12833.2	12833.2
27.5°	14140.5	14347.7	14395.5	13351.3	11294.8	10139.0	9939.8	10625.3	12243.4	13813.7	14100.6	14100.6
30°	14865.8	15112.9	15160.7	13893.4	11541.9	10258.6	10163.0	10673.1	12418.7	14220.2	15009.3	15009.3
32.5°	15678.9	15742.6	15702.8	13989.0	11812.9	10609.3	10210.8	10991.9	12618.0	14706.4	15838.3	15838.3
35°	16651.3	16762.9	16356.4	14427.4	12418.7	10832.5	10689.0	11382.5	12960.8	14929.6	16842.6	16842.6
37.5°	17392.6	17743.3	16826.7	14594.8	12538.3	11302.8	11326.7	12195.6	13199.9	15200.6	17950.6	17950.6
40°	18787.5	18197.7	17623.8	15168.7	12992.6	12099.9	11972.4	13032.5	14005.0	15376.0	18675.9	18675.9
42.5°	19552.7	19241.9	17934.6	15224.5	13694.1	13199.9	13231.8	13981.0	14427.4	15870.2	18875.2	18875.2
45°	19744.0	19417.2	18357.1	15264.4	14387.6	14499.2	15049.2	15192.6	15049.2	16197.0	19249.8	19249.8
47.5°	20230.3	19520.9	18309.3	15798.4	15511.5	15941.9	16643.3	16954.2	15894.1	16077.4	19425.2	19425.2
50°	20134.6	19728.1	18205.6	16021.6	16882.5	18022.3	18492.6	18365.1	16834.6	15830.3	19233.9	19233.9
52.5°	19736.1	19297.7	18524.5	16627.4	18165.8	19544.8	20198.4	19879.5	17671.6	16388.3	19106.4	19106.4
55°	20318.0	19983.2	18939.0	17448.4	19130.3	20883.9	21346.2	21107.1	18699.8	16906.4	19831.7	19831.7
57.5°	20947.7	20875.9	20062.9	18412.9	20270.1	22262.9	22262.9	21967.9	19592.6	17655.7	20907.8	20907.8
60°	21856.3	22015.8	20891.9	19050.6	20660.7	22183.2	23338.9	22996.2	20493.3	18970.9	22127.4	22127.4
62.5°	21561.4	22071.6	21960.0	20421.6	21107.1	22573.7	23203.4	23458.5	21609.2	20573.0	23753.4	23753.4
65°	20612.9	21154.9	21952.0	21322.3	20772.3	21625.2	21944.0	22717.2	22167.2	22079.5	24423.0	24423.0
67.5°	19481.0	20070.9	20565.0	21928.1	20094.8	20660.7	20381.7	20628.8	21561.4	23729.5	24805.6	24805.6
70°	17010.0	17575.9	18357.1	20581.0	18301.3	17791.2	17719.4	17599.9	19050.6	23139.7	23067.9	23067.9
72.5°	13989.0	14252.1	15543.4	16731.0	13542.6	13447.0	13558.6	13423.1	15104.9	20947.7	19760.0	19760.0
75°	10473.8	10736.9	11470.2	12849.2	9222.4	8672.4	9310.1	9939.8	11534.0	16260.7	14196.3	14196.3
77.5°	7875.3	8210.1	8672.4	9613.0	6767.3	5906.5	5994.2	6592.0	8337.6	13024.5	7955.0	7955.0
80°	5109.4	5069.5	5962.3	6615.9	5093.4	5252.9	5029.7	5468.1	6042.0	6966.6	4065.2	4065.2
82.5°	2949.3	2989.1	3363.7	3794.2	3547.1	4057.2	2925.3	4886.2	4312.3	2837.7	1514.5	1514.5
85°	1658.0	1729.7	2072.4	2630.4	2223.9	1490.6	1219.6	2423.2	2710.1	1163.8	733.3	733.3
87.5°	167.4	143.5	279.0	996.4	605.8	247.1	366.7	581.9	653.6	438.4	215.2	215.2
90°	0.0	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°	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1
2.5°	11661.5	11661.5	11462.2	11127.4	10991.9	10752.8	10426.0	10529.6	10418.0	10011.5	9907.9
5°	11183.2	10800.6	10386.1	9876.0	9581.1	8975.3	8784.0	8441.2	8497.0	8154.3	8170.2
7.5°	10186.9	9884.0	9182.5	8513.0	7931.1	7405.0	6663.7	6384.7	6113.7	5978.2	6137.6
10°	9605.0	9039.1	8082.5	7205.7	6432.6	5962.3	5468.1	5085.5	4734.7	4471.7	4415.9
12.5°	9182.5	8680.4	7524.6	6456.5	5850.7	5468.1	5013.7	4487.6	4144.9	3690.5	3555.0
15°	9055.0	8441.2	7221.7	6161.5	5571.7	4942.0	4423.9	3905.8	3459.4	2981.1	2813.7
17.5°	9493.4	8784.0	7213.7	5922.4	5093.4	4415.9	3698.5	3116.6	2662.3	2223.9	2120.3
20°	10234.7	9150.7	7444.9	5778.9	4639.1	3730.4	2917.4	2335.5	1825.3	1538.4	1466.7
22.5°	11079.6	9772.4	7468.8	5396.3	4184.7	3044.9	2128.2	1538.4	1251.4	1115.9	1076.1
25°	12115.8	10768.8	7755.7	5085.5	3650.7	2311.6	1514.5	1179.7	1012.3	932.6	916.7
27.5°	12968.7	11462.2	8066.6	4758.7	3124.6	1713.8	1187.7	964.5	876.8	797.1	789.1
30°	13853.5	12259.3	8154.3	4559.4	2670.3	1410.9	1020.3	852.9	757.2	717.4	709.4
32.5°	14626.7	13128.2	8433.3	4232.6	2239.8	1243.5	924.6	765.2	701.4	637.7	629.7
35°	15623.1	13630.3	8568.8	4057.2	2080.4	1123.9	844.9	701.4	605.8	565.9	550.0
37.5°	16691.2	14116.6	8656.5	3921.7	1944.9	1052.2	797.1	661.6	573.9	518.1	502.2
40°	17687.5	14802.1	8528.9	3754.3	1841.3	964.5	765.2	613.8	534.1	478.3	454.3
42.5°	18452.7	15471.6	8489.1	3594.9	1729.7	932.6	725.4	589.9	502.2	438.4	430.4
45°	18883.2	15926.0	8210.1	3467.4	1642.0	948.5	709.4	558.0	478.3	422.5	390.6
47.5°	18779.6	16276.7	8281.8	3427.5	1522.5	884.8	701.4	534.1	438.4	390.6	366.7
50°	19353.5	16986.1	8162.3	3300.0	1434.8	797.1	765.2	534.1	430.4	374.6	350.7
52.5°	19449.1	17631.7	8417.3	3068.8	1299.3	733.3	757.2	526.1	414.5	358.7	326.8
55°	20246.2	18381.0	8911.5	2941.3	1187.7	637.7	693.5	510.1	374.6	326.8	310.9
57.5°	21330.3	19935.3	9230.4	2821.7	1036.2	558.0	581.9	502.2	342.8	302.9	279.0
60°	22374.5	20557.1	9254.3	2606.5	892.7	502.2	454.3	502.2	318.8	271.0	247.1
62.5°	23155.6	20557.1	9094.9	2423.2	781.2	446.4	398.5	478.3	287.0	239.1	223.2
65°	22733.1	20007.1	8680.4	2271.7	709.4	390.6	342.8	366.7	255.1	207.2	191.3
67.5°	21975.9	18293.3	7763.7	2088.4	701.4	342.8	294.9	271.0	223.2	183.3	167.4
70°	20764.3	15981.8	6464.4	1881.1	685.5	310.9	263.0	231.2	199.3	159.4	143.5
72.5°	16731.0	13199.9	5308.7	1761.6	669.6	271.0	223.2	199.3	167.4	135.5	119.6
75°	11589.8	8433.3	4089.1	1506.5	653.6	247.1	207.2	175.4	143.5	111.6	103.6
77.5°	6950.7	5635.5	2638.4	1131.9	430.4	199.3	175.4	135.5	119.6	95.7	87.7
80°	3252.1	2662.3	1068.1	438.4	207.2	143.5	119.6	103.6	95.7	79.7	71.7
82.5°	1275.4	1123.9	518.1	255.1	167.4	111.6	95.7	87.7	79.7	63.8	55.8
85°	685.5	605.8	247.1	175.4	119.6	79.7	79.7	71.7	63.8	55.8	47.8
87.5°	151.4	111.6	103.6	103.6	87.7	63.8	63.8	55.8	47.8	39.9	31.9
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1
2.5°	9852.1	9971.7	9780.4	9899.9	9732.5	9860.1	9876.0	9756.4	9788.3	9947.7	10019.5
5°	8393.4	8313.7	8138.3	8082.5	8090.5	7986.9	8026.7	8082.5	8170.2	8218.0	8361.5
7.5°	6050.0	6233.3	6225.3	6360.8	6368.8	6352.8	6241.3	6002.1	6081.8	6018.1	6097.8
10°	4328.2	4407.9	4559.4	4647.1	4806.5	4718.8	4463.7	4368.1	4320.3	4312.3	4392.0
12.5°	3459.4	3268.1	3252.1	3284.0	3363.7	3260.1	3132.6	3021.0	3076.8	3188.4	3276.1
15°	2678.2	2518.8	2311.6	2279.7	2295.6	2247.8	2112.3	1968.8	2008.7	2120.3	2184.0
17.5°	2056.5	1873.2	1729.7	1634.0	1602.2	1434.8	1235.5	1115.9	1084.0	1076.1	1131.9
20°	1386.9	1355.1	1331.1	1211.6	1211.6	972.5	805.1	717.4	717.4	733.3	741.3
22.5°	1036.2	996.4	1004.3	980.4	916.7	725.4	637.7	613.8	613.8	629.7	629.7
25°	900.7	844.9	829.0	821.0	757.2	621.7	558.0	534.1	534.1	550.0	550.0
27.5°	765.2	749.3	725.4	693.5	637.7	534.1	494.2	470.3	478.3	486.2	478.3
30°	701.4	661.6	629.7	629.7	565.9	478.3	446.4	430.4	414.5	430.4	438.4
32.5°	621.7	597.8	581.9	558.0	486.2	422.5	390.6	374.6	366.7	366.7	374.6
35°	534.1	534.1	518.1	486.2	422.5	382.6	342.8	326.8	318.8	326.8	326.8
37.5°	478.3	454.3	462.3	430.4	374.6	334.8	294.9	279.0	279.0	271.0	279.0
40°	446.4	406.5	382.6	366.7	334.8	287.0	255.1	239.1	231.2	231.2	231.2
42.5°	398.5	366.7	318.8	310.9	302.9	247.1	207.2	199.3	191.3	183.3	183.3
45°	374.6	326.8	287.0	247.1	247.1	207.2	175.4	159.4	151.4	143.5	151.4
47.5°	342.8	294.9	247.1	207.2	199.3	167.4	135.5	119.6	111.6	111.6	111.6
50°	326.8	263.0	215.2	175.4	151.4	135.5	103.6	87.7	79.7	79.7	79.7
52.5°	302.9	247.1	191.3	151.4	119.6	103.6	79.7	63.8	55.8	55.8	55.8
55°	271.0	223.2	167.4	127.5	103.6	79.7	55.8	39.9	31.9	31.9	31.9
57.5°	255.1	199.3	143.5	111.6	79.7	55.8	31.9	23.9	23.9	15.9	23.9
60°	231.2	175.4	119.6	87.7	63.8	39.9	23.9	8.0	8.0	8.0	8.0
62.5°	199.3	151.4	103.6	71.7	47.8	23.9	8.0	0.0	0.0	0.0	0.0
65°	167.4	119.6	79.7	55.8	31.9	8.0	0.0	0.0	0.0	0.0	0.0
67.5°	143.5	103.6	63.8	39.9	23.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	127.5	87.7	47.8	31.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	103.6	71.7	39.9	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	87.7	55.8	23.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	71.7	39.9	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	55.8	31.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	47.8	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	31.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.9	8.0	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

TEST NUMBER: P599469
 CATALOG NUMBER: IFLD-S-SA6C-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1	11223.1
2.5°	10123.1	10075.3	10314.4	10705.0	10904.3	11294.8	11390.5	11637.6	11573.8	11661.5
5°	8377.5	8473.1	8823.8	9397.7	9605.0	10170.9	10705.0	11239.0	11581.8	11749.2
7.5°	6217.3	6536.2	6966.6	7492.7	8026.7	8768.0	9676.7	10298.5	10633.2	10991.9
10°	4631.1	4973.9	5468.1	5986.2	6855.0	7684.0	8592.7	9365.9	9652.8	9987.6
12.5°	3642.7	4176.8	4750.7	5308.7	5826.8	6615.9	7739.8	8863.7	9174.6	9429.6
15°	2534.8	3188.4	4009.4	4734.7	5460.1	6145.6	7309.4	8672.4	9094.9	9525.3
17.5°	1402.9	1921.0	2861.6	3881.9	4950.0	6002.1	7452.8	9023.1	9660.8	9963.7
20°	813.0	1020.3	1689.8	2901.4	4312.3	5691.3	7524.6	9684.7	10529.6	10681.1
22.5°	669.6	741.3	956.5	1817.4	3531.1	5492.0	7891.2	10609.3	11470.2	11828.9
25°	573.9	629.7	741.3	1092.0	2670.3	5069.5	8122.4	11765.1	12562.2	12952.8
27.5°	510.1	565.9	653.6	805.1	1817.4	4487.6	8505.0	12809.3	13606.4	14140.5
30°	446.4	494.2	581.9	685.5	1259.4	3834.0	8831.8	13574.5	14698.4	14865.8
32.5°	398.5	438.4	502.2	589.9	932.6	2909.4	9094.9	14363.7	15312.2	15678.9
35°	342.8	390.6	430.4	502.2	709.4	2192.0	8935.4	14977.4	16212.9	16651.3
37.5°	302.9	334.8	374.6	422.5	597.8	1713.8	8608.6	15710.7	16986.1	17392.6
40°	255.1	279.0	326.8	374.6	542.0	1323.2	8234.0	16595.5	18070.1	18787.5
42.5°	215.2	239.1	271.0	350.7	446.4	980.4	7476.8	17281.0	18946.9	19552.7
45°	167.4	199.3	247.1	350.7	358.7	725.4	6695.6	17791.2	19441.1	19744.0
47.5°	127.5	159.4	239.1	302.9	287.0	502.2	5771.0	18373.0	19951.3	20230.3
50°	95.7	127.5	271.0	263.0	239.1	382.6	5189.1	18779.6	19983.2	20134.6
52.5°	63.8	95.7	223.2	199.3	199.3	334.8	5029.7	18763.6	20062.9	19736.1
55°	47.8	71.7	127.5	143.5	175.4	294.9	4886.2	19361.4	20086.8	20318.0
57.5°	31.9	55.8	87.7	111.6	151.4	255.1	4591.3	20078.8	20828.1	20947.7
60°	15.9	39.9	63.8	87.7	127.5	223.2	4176.8	20604.9	21728.8	21856.3
62.5°	8.0	23.9	47.8	71.7	103.6	175.4	3746.3	19768.0	21338.2	21561.4
65°	0.0	15.9	31.9	47.8	63.8	127.5	3044.9	17847.0	19791.9	20612.9
67.5°	0.0	0.0	15.9	31.9	39.9	95.7	2295.6	16236.8	18365.1	19481.0
70°	0.0	0.0	8.0	8.0	23.9	71.7	1466.7	13447.0	16396.2	17010.0
72.5°	0.0	0.0	0.0	0.0	8.0	47.8	852.9	9987.6	12849.2	13989.0
75°	0.0	0.0	0.0	0.0	0.0	39.9	430.4	6424.6	8943.4	10473.8
77.5°	0.0	0.0	0.0	0.0	0.0	31.9	231.2	4144.9	6592.0	7875.3
80°	0.0	0.0	0.0	0.0	0.0	8.0	135.5	2407.2	4216.6	5109.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	55.8	1179.7	2518.8	2949.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	15.9	629.7	1259.4	1658.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	87.7	167.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)