

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: P599586

Luminaire Tested: **IFLD-S-SA6D-827-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: P599586
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

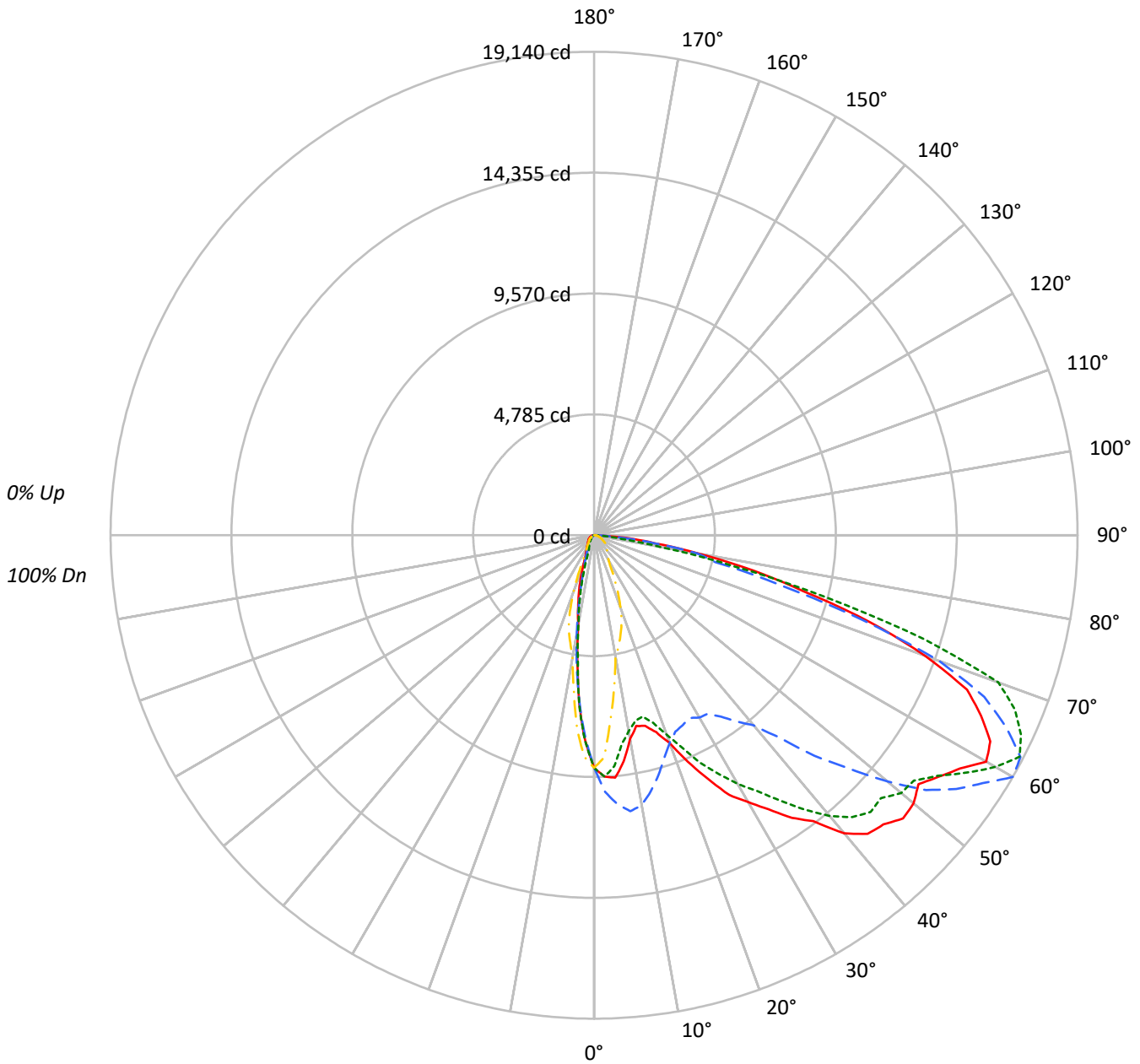
Lumens per Lamp: N/A
 Luminaire Lumens: 24479.6 lumens
 Efficiency: N/A
 Efficacy: 66.5 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P599586
CATALOG NUMBER: IFLD-S-SA6D-827-U-SLL-HSS

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°	66049	66049	66049	66049
5°	69409	66066	48266	48548
10°	59684	57398	26389	25769
15°	58035	55169	17143	12918
20°	66893	64098	9185	4593
25°	84108	78673	5953	3572
30°	101020	94141	4821	2925
35°	119629	112241	3952	2348
40°	144333	135883	3490	1776
45°	164324	157159	3251	1194
50°	184343	177190	3211	730
55°	208467	207732	3189	327
60°	257252	263350	2908	93
65°	287039	316563	2664	0
70°	292686	357286	2469	0
75°	238156	263530	2357	0
80°	173158	110217	2430	0
85°	111951	46289	3228	0

TEST NUMBER: P599586
 CATALOG NUMBER: IFLD-S-SA6D-827-U-SLL-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	699.2	2.9
10°-20°	1371.2	5.6
20°-30°	1897.5	7.8
30°-40°	2681.6	11.0
40°-50°	3651.1	14.9
50°-60°	4835.6	19.8
60°-70°	5614.5	22.9
70°-80°	3179.5	13.0
80°-90°	549.4	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°	3967.9	16.2
0°-40°	6649.5	27.2
0°-60°	15136.2	61.8
0°-90°	24479.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24479.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9204	9204	9204	9204	9204	
5°	9636	9172	6700	6740	9636	865
15°	7812	7426	2308	1739	7812	2291
25°	10623	9936	752	451	10623	4954
35°	13656	12813	451	268	13656	8609
45°	16192	15486	320	118	16192	12554
55°	16663	16604	255	26	16663	15097
65°	16905	18644	157	0	16905	16479
75°	8590	9505	85	0	8590	9375
85°	1360	562	39	0	1360	1634
90°	0	0	0	0	0	

TEST NUMBER: P599586
 CATALOG NUMBER: IFLD-S-SA6D-827-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2
2.5°	9563.7	9766.3	9772.9	9864.4	9955.9	9955.9	10171.6	10119.3	9929.8	9897.1	9759.8
5°	9635.6	9707.5	9759.8	10223.9	10616.2	10576.9	10694.6	10616.2	10250.1	9779.4	9459.1
7.5°	9014.6	9093.0	9302.2	10093.2	10622.7	10799.2	11021.4	10531.2	10145.5	9295.7	8681.2
10°	8190.9	8341.3	8726.9	9629.1	10282.8	10844.9	10844.9	10452.7	9707.5	8877.3	8125.5
12.5°	7733.3	8034.0	8243.2	9158.4	10008.2	10393.9	10380.8	10171.6	9687.9	8642.0	7792.2
15°	7811.8	7896.7	8341.3	9053.8	9616.0	9596.4	9831.7	9766.3	9426.4	8851.2	7916.4
17.5°	8171.3	8302.0	8687.7	9053.8	9321.8	9243.4	9236.8	9550.6	9570.2	9204.2	8380.5
20°	8759.6	9145.3	9328.4	9439.5	9112.6	8779.2	8740.0	9178.0	9517.9	9655.2	8936.1
22.5°	9701.0	9955.9	10328.5	9759.8	8910.0	8491.6	8413.2	8896.9	9583.3	10191.2	9655.2
25°	10622.7	10818.8	11178.3	10446.2	9138.8	8432.8	8295.5	8713.9	9831.7	10936.5	10524.6
27.5°	11596.7	11766.7	11805.9	10949.5	9263.0	8315.1	8151.7	8713.9	10040.9	11328.7	11564.0
30°	12191.6	12394.2	12433.4	11394.1	9465.6	8413.2	8334.7	8753.1	10184.7	11662.1	12309.2
32.5°	12858.4	12910.7	12878.0	11472.5	9687.9	8700.8	8373.9	9014.6	10348.1	12060.8	12989.1
35°	13655.9	13747.4	13414.0	11832.0	10184.7	8883.8	8766.2	9334.9	10629.2	12243.9	13812.8
37.5°	14263.8	14551.4	13799.7	11969.3	10282.8	9269.5	9289.1	10001.7	10825.3	12466.1	14721.4
40°	15407.8	14924.1	14453.4	12440.0	10655.4	9923.2	9818.6	10688.1	11485.6	12609.9	15316.3
42.5°	16035.4	15780.4	14708.3	12485.7	11230.6	10825.3	10851.5	11466.0	11832.0	13015.2	15479.7
45°	16192.2	15924.2	15054.8	12518.4	11799.4	11890.9	12341.9	12459.6	12341.9	13283.3	15786.9
47.5°	16591.0	16009.2	15015.6	12956.4	12721.1	13074.1	13649.3	13904.3	13034.9	13185.2	15930.8
50°	16512.6	16179.2	14930.6	13139.4	13845.4	14780.2	15165.9	15061.3	13806.2	12982.6	15773.9
52.5°	16185.7	15826.2	15192.1	13636.3	14897.9	16028.8	16564.9	16303.4	14492.6	13440.2	15669.3
55°	16662.9	16388.4	15532.0	14309.6	15688.9	17127.0	17506.2	17310.1	15335.9	13865.1	16264.2
57.5°	17179.3	17120.5	16453.7	15100.6	16623.7	18258.0	18258.0	18016.1	16068.0	14479.5	17146.7
60°	17924.6	18055.3	17133.6	15623.5	16944.0	18192.6	19140.5	18859.4	16806.7	15558.2	18146.8
62.5°	17682.7	18101.1	18009.5	16747.9	17310.1	18512.9	19029.3	19238.5	17721.9	16872.1	19480.4
65°	16904.8	17349.3	18003.0	17486.6	17035.5	17735.0	17996.5	18630.6	18179.5	18107.6	20029.5
67.5°	15976.5	16460.3	16865.6	17983.4	16479.9	16944.0	16715.2	16917.9	17682.7	19460.8	20343.3
70°	13950.0	14414.2	15054.8	16878.6	15009.0	14590.7	14531.8	14433.8	15623.5	18977.0	18918.2
72.5°	11472.5	11688.2	12747.2	13721.2	11106.4	11028.0	11119.5	11008.4	12387.7	17179.3	16205.3
75°	8589.7	8805.4	9406.8	10537.7	7563.4	7112.3	7635.3	8151.7	9459.1	13335.6	11642.5
77.5°	6458.6	6733.2	7112.3	7883.7	5549.9	4843.9	4915.9	5406.1	6837.7	10681.5	6524.0
80°	4190.2	4157.6	4889.7	5425.7	4177.2	4307.9	4124.9	4484.4	4955.1	5713.4	3333.9
82.5°	2418.7	2451.4	2758.6	3111.6	2909.0	3327.4	2399.1	4007.2	3536.5	2327.2	1242.0
85°	1359.7	1418.5	1699.6	2157.2	1823.8	1222.4	1000.2	1987.3	2222.6	954.4	601.4
87.5°	137.3	117.7	228.8	817.1	496.8	202.6	300.7	477.2	536.0	359.5	176.5
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: P599586
 CATALOG NUMBER: IFLD-S-SA6D-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2
2.5°	9563.7	9563.7	9400.3	9125.7	9014.6	8818.5	8550.4	8635.4	8543.9	8210.5	8125.5
5°	9171.5	8857.7	8517.8	8099.4	7857.5	7360.7	7203.8	6922.7	6968.5	6687.4	6700.5
7.5°	8354.3	8105.9	7530.7	6981.6	6504.4	6072.9	5465.0	5236.2	5013.9	4902.8	5033.5
10°	7877.1	7413.0	6628.6	5909.5	5275.4	4889.7	4484.4	4170.6	3883.0	3667.3	3621.5
12.5°	7530.7	7118.8	6171.0	5295.0	4798.2	4484.4	4111.8	3680.4	3399.3	3026.6	2915.5
15°	7426.1	6922.7	5922.6	5053.1	4569.4	4053.0	3628.1	3203.1	2837.1	2444.9	2307.6
17.5°	7785.6	7203.8	5916.0	4857.0	4177.2	3621.5	3033.2	2556.0	2183.4	1823.8	1738.9
20°	8393.6	7504.5	6105.6	4739.4	3804.6	3059.3	2392.6	1915.4	1497.0	1261.6	1202.8
22.5°	9086.5	8014.4	6125.2	4425.6	3431.9	2497.1	1745.4	1261.6	1026.3	915.2	882.5
25°	9936.3	8831.5	6360.5	4170.6	2994.0	1895.7	1242.0	967.5	830.2	764.8	751.8
27.5°	10635.8	9400.3	6615.5	3902.6	2562.5	1405.5	974.0	791.0	719.1	653.7	647.2
30°	11361.4	10054.0	6687.4	3739.2	2189.9	1157.1	836.7	699.5	621.0	588.3	581.8
32.5°	11995.5	10766.5	6916.2	3471.2	1836.9	1019.8	758.3	627.6	575.3	523.0	516.4
35°	12812.6	11178.3	7027.3	3327.4	1706.2	921.7	692.9	575.3	496.8	464.1	451.1
37.5°	13688.6	11577.1	7099.2	3216.2	1595.0	862.9	653.7	542.6	470.7	424.9	411.8
40°	14505.7	12139.3	6994.6	3078.9	1510.1	791.0	627.6	503.4	438.0	392.2	372.6
42.5°	15133.2	12688.4	6961.9	2948.2	1418.5	764.8	594.9	483.7	411.8	359.5	353.0
45°	15486.2	13061.0	6733.2	2843.6	1346.6	777.9	581.8	457.6	392.2	346.5	320.3
47.5°	15401.3	13348.6	6792.0	2810.9	1248.6	725.6	575.3	438.0	359.5	320.3	300.7
50°	15871.9	13930.4	6693.9	2706.3	1176.7	653.7	627.6	438.0	353.0	307.2	287.6
52.5°	15950.4	14459.9	6903.1	2516.8	1065.5	601.4	621.0	431.4	339.9	294.2	268.0
55°	16604.1	15074.4	7308.4	2412.2	974.0	523.0	568.7	418.4	307.2	268.0	254.9
57.5°	17493.1	16349.1	7569.9	2314.1	849.8	457.6	477.2	411.8	281.1	248.4	228.8
60°	18349.5	16859.0	7589.5	2137.6	732.1	411.8	372.6	411.8	261.5	222.3	202.6
62.5°	18990.1	16859.0	7458.8	1987.3	640.6	366.1	326.9	392.2	235.3	196.1	183.0
65°	18643.6	16408.0	7118.8	1863.1	581.8	320.3	281.1	300.7	209.2	170.0	156.9
67.5°	18022.6	15002.5	6367.1	1712.7	575.3	281.1	241.9	222.3	183.0	150.4	137.3
70°	17029.0	13106.8	5301.5	1542.7	562.2	254.9	215.7	189.6	163.4	130.7	117.7
72.5°	13721.2	10825.3	4353.7	1444.7	549.1	222.3	183.0	163.4	137.3	111.1	98.1
75°	9504.9	6916.2	3353.5	1235.5	536.0	202.6	170.0	143.8	117.7	91.5	85.0
77.5°	5700.3	4621.7	2163.8	928.3	353.0	163.4	143.8	111.1	98.1	78.4	71.9
80°	2667.1	2183.4	876.0	359.5	170.0	117.7	98.1	85.0	78.4	65.4	58.8
82.5°	1045.9	921.7	424.9	209.2	137.3	91.5	78.4	71.9	65.4	52.3	45.8
85°	562.2	496.8	202.6	143.8	98.1	65.4	65.4	58.8	52.3	45.8	39.2
87.5°	124.2	91.5	85.0	85.0	71.9	52.3	52.3	45.8	39.2	32.7	26.1
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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 CATALOG NUMBER: IFLD-S-SA6D-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2
2.5°	8079.8	8177.8	8020.9	8119.0	7981.7	8086.3	8099.4	8001.3	8027.5	8158.2	8217.1
5°	6883.5	6818.1	6674.3	6628.6	6635.1	6550.1	6582.8	6628.6	6700.5	6739.7	6857.4
7.5°	4961.6	5112.0	5105.4	5216.6	5223.1	5210.0	5118.5	4922.4	4987.8	4935.5	5000.8
10°	3549.6	3615.0	3739.2	3811.1	3941.8	3869.9	3660.7	3582.3	3543.1	3536.5	3601.9
12.5°	2837.1	2680.2	2667.1	2693.3	2758.6	2673.6	2569.1	2477.5	2523.3	2614.8	2686.7
15°	2196.4	2065.7	1895.7	1869.6	1882.7	1843.4	1732.3	1614.6	1647.3	1738.9	1791.1
17.5°	1686.6	1536.2	1418.5	1340.1	1313.9	1176.7	1013.2	915.2	889.0	882.5	928.3
20°	1137.4	1111.3	1091.7	993.6	993.6	797.5	660.2	588.3	588.3	601.4	607.9
22.5°	849.8	817.1	823.7	804.1	751.8	594.9	523.0	503.4	503.4	516.4	516.4
25°	738.7	692.9	679.9	673.3	621.0	509.9	457.6	438.0	438.0	451.1	451.1
27.5°	627.6	614.5	594.9	568.7	523.0	438.0	405.3	385.7	392.2	398.8	392.2
30°	575.3	542.6	516.4	516.4	464.1	392.2	366.1	353.0	339.9	353.0	359.5
32.5°	509.9	490.3	477.2	457.6	398.8	346.5	320.3	307.2	300.7	300.7	307.2
35°	438.0	438.0	424.9	398.8	346.5	313.8	281.1	268.0	261.5	268.0	268.0
37.5°	392.2	372.6	379.1	353.0	307.2	274.6	241.9	228.8	228.8	222.3	228.8
40°	366.1	333.4	313.8	300.7	274.6	235.3	209.2	196.1	189.6	189.6	189.6
42.5°	326.9	300.7	261.5	254.9	248.4	202.6	170.0	163.4	156.9	150.4	150.4
45°	307.2	268.0	235.3	202.6	202.6	170.0	143.8	130.7	124.2	117.7	124.2
47.5°	281.1	241.9	202.6	170.0	163.4	137.3	111.1	98.1	91.5	91.5	91.5
50°	268.0	215.7	176.5	143.8	124.2	111.1	85.0	71.9	65.4	65.4	65.4
52.5°	248.4	202.6	156.9	124.2	98.1	85.0	65.4	52.3	45.8	45.8	45.8
55°	222.3	183.0	137.3	104.6	85.0	65.4	45.8	32.7	26.1	26.1	26.1
57.5°	209.2	163.4	117.7	91.5	65.4	45.8	26.1	19.6	19.6	13.1	19.6
60°	189.6	143.8	98.1	71.9	52.3	32.7	19.6	6.5	6.5	6.5	6.5
62.5°	163.4	124.2	85.0	58.8	39.2	19.6	6.5	0.0	0.0	0.0	0.0
65°	137.3	98.1	65.4	45.8	26.1	6.5	0.0	0.0	0.0	0.0	0.0
67.5°	117.7	85.0	52.3	32.7	19.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	104.6	71.9	39.2	26.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	85.0	58.8	32.7	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	71.9	45.8	19.6	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	58.8	32.7	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	45.8	26.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.2	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.1	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.6	6.5	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: P599586
 CATALOG NUMBER: IFLD-S-SA6D-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2	9204.2
2.5°	8302.0	8262.8	8458.9	8779.2	8942.7	9263.0	9341.4	9544.1	9491.8	9563.7
5°	6870.4	6948.9	7236.5	7707.2	7877.1	8341.3	8779.2	9217.2	9498.3	9635.6
7.5°	5098.9	5360.4	5713.4	6144.8	6582.8	7190.7	7936.0	8445.9	8720.4	9014.6
10°	3798.0	4079.1	4484.4	4909.3	5621.9	6301.7	7046.9	7681.0	7916.4	8190.9
12.5°	2987.4	3425.4	3896.1	4353.7	4778.6	5425.7	6347.5	7269.2	7524.1	7733.3
15°	2078.8	2614.8	3288.1	3883.0	4477.9	5040.1	5994.5	7112.3	7458.8	7811.8
17.5°	1150.5	1575.4	2346.8	3183.5	4059.5	4922.4	6112.1	7399.9	7922.9	8171.3
20°	666.8	836.7	1385.9	2379.5	3536.5	4667.4	6171.0	7942.5	8635.4	8759.6
22.5°	549.1	607.9	784.4	1490.4	2895.9	4504.0	6471.7	8700.8	9406.8	9701.0
25°	470.7	516.4	607.9	895.6	2189.9	4157.6	6661.2	9648.7	10302.4	10622.7
27.5°	418.4	464.1	536.0	660.2	1490.4	3680.4	6975.0	10505.0	11158.7	11596.7
30°	366.1	405.3	477.2	562.2	1032.9	3144.3	7243.0	11132.6	12054.3	12191.6
32.5°	326.9	359.5	411.8	483.7	764.8	2386.0	7458.8	11779.7	12557.7	12858.4
35°	281.1	320.3	353.0	411.8	581.8	1797.7	7328.0	12283.1	13296.3	13655.9
37.5°	248.4	274.6	307.2	346.5	490.3	1405.5	7060.0	12884.5	13930.4	14263.8
40°	209.2	228.8	268.0	307.2	444.5	1085.1	6752.8	13610.1	14819.5	15407.8
42.5°	176.5	196.1	222.3	287.6	366.1	804.1	6131.7	14172.3	15538.5	16035.4
45°	137.3	163.4	202.6	287.6	294.2	594.9	5491.1	14590.7	15943.8	16192.2
47.5°	104.6	130.7	196.1	248.4	235.3	411.8	4732.8	15067.9	16362.2	16591.0
50°	78.4	104.6	222.3	215.7	196.1	313.8	4255.6	15401.3	16388.4	16512.6
52.5°	52.3	78.4	183.0	163.4	163.4	274.6	4124.9	15388.2	16453.7	16185.7
55°	39.2	58.8	104.6	117.7	143.8	241.9	4007.2	15878.5	16473.3	16662.9
57.5°	26.1	45.8	71.9	91.5	124.2	209.2	3765.3	16466.8	17081.3	17179.3
60°	13.1	32.7	52.3	71.9	104.6	183.0	3425.4	16898.2	17820.0	17924.6
62.5°	6.5	19.6	39.2	58.8	85.0	143.8	3072.4	16211.9	17499.7	17682.7
65°	0.0	13.1	26.1	39.2	52.3	104.6	2497.1	14636.4	16231.5	16904.8
67.5°	0.0	0.0	13.1	26.1	32.7	78.4	1882.7	13315.9	15061.3	15976.5
70°	0.0	0.0	6.5	6.5	19.6	58.8	1202.8	11028.0	13446.7	13950.0
72.5°	0.0	0.0	0.0	0.0	6.5	39.2	699.5	8190.9	10537.7	11472.5
75°	0.0	0.0	0.0	0.0	0.0	32.7	353.0	5268.9	7334.6	8589.7
77.5°	0.0	0.0	0.0	0.0	0.0	26.1	189.6	3399.3	5406.1	6458.6
80°	0.0	0.0	0.0	0.0	0.0	6.5	111.1	1974.2	3458.1	4190.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	45.8	967.5	2065.7	2418.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.1	516.4	1032.9	1359.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.6	71.9	137.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)