

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: P599296

Luminaire Tested: **IFLD-S-SA6D-760-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: P599296
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

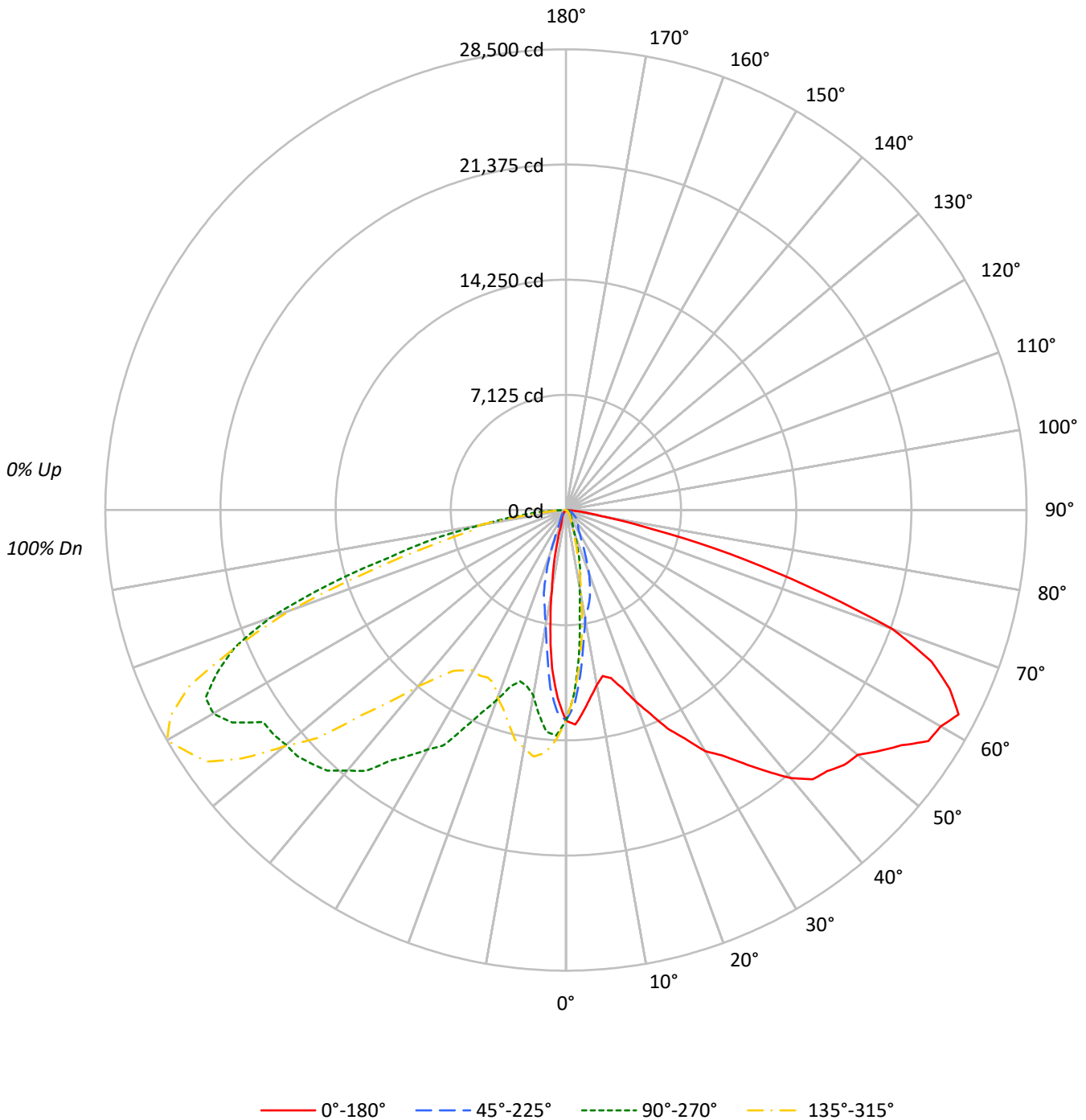
Lumens per Lamp: N/A
 Luminaire Lumens: 34067.2 lumens
 Efficiency: N/A
 Efficacy: 92.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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	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°	93458	93458	93458	93458
5°	89978	65763	70792	99174
10°	80109	35805	36274	84795
15°	79970	23882	14602	81471
20°	96020	11924	5821	95458
25°	118101	7490	4508	117519
30°	142696	6012	3425	141783
35°	167437	4828	2655	165747
40°	202704	4130	1721	197112
45°	231903	3728	932	225472
50°	263106	3589	205	252340
55°	317376	3447	0	286121
60°	384247	2901	0	361442
65°	444933	2340	0	404386
70°	450541	1926	0	407761
75°	291575	1273	0	312713
80°	99444	380	0	221281
85°	49911	0	0	162586

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	986.6	2.9
10°-20°	1910.3	5.6
20°-30°	2660.7	7.8
30°-40°	3780.5	11.1
40°-50°	5242.5	15.4
50°-60°	7143.1	21.0
60°-70°	7853.3	23.1
70°-80°	3859.9	11.3
80°-90°	630.3	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°	5557.6	16.3
0°-40°	9338.1	27.4
0°-60°	21723.7	63.8
0°-90°	34067.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	34067.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	13024	13024	13024	13024	13024	
5°	12491	9130	9828	13768	12491	1143
15°	10764	3215	1966	10966	10764	3186
25°	14916	946	569	14842	14916	6935
35°	19113	551	303	18920	19113	12132
45°	22851	367	92	22218	22851	17714
55°	25368	276	0	22870	25368	22820
65°	26204	138	0	23816	26204	25323
75°	10516	46	0	11279	10516	11465
85°	606	0	0	1975	606	838
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°	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8
2.5°	13290.2	13446.3	13299.4	12785.0	12693.2	12445.2	12068.6	12041.1	11646.1	11692.1	11480.8
5°	12491.1	12647.3	12335.0	11655.3	11021.6	10516.4	10213.3	9671.4	9552.0	9285.7	9285.7
7.5°	11673.7	11664.5	11131.8	10562.4	9616.3	8688.7	8266.2	7485.5	7026.3	6778.3	6539.5
10°	10994.0	10847.1	10516.4	9340.8	8312.1	7347.7	6824.2	6309.9	5832.3	5418.9	5005.6
12.5°	10516.4	10608.3	10084.8	8808.1	7476.3	6805.8	6245.6	5703.7	5134.2	4665.8	4206.6
15°	10764.4	10617.5	10002.1	8688.7	7338.5	6420.1	5676.1	5014.8	4381.1	3765.7	3416.7
17.5°	11535.9	11159.4	10433.8	8688.7	7053.8	5832.3	4932.2	4151.5	3471.8	2920.7	2489.0
20°	12573.8	12142.1	11361.4	9010.1	6842.6	5400.6	4169.8	3187.1	2479.9	1965.5	1634.9
22.5°	13639.2	13299.4	12123.7	9138.7	6594.6	4821.9	3288.1	2305.3	1653.2	1322.6	1157.3
25°	14915.9	14438.3	13152.4	9653.1	6227.2	4261.7	2590.1	1607.3	1230.7	1056.2	955.2
27.5°	15935.4	15852.7	14116.8	9965.4	5951.7	3802.4	2048.2	1276.7	1019.5	890.9	826.6
30°	17221.2	16771.2	15292.5	10589.9	5639.4	3278.9	1708.3	1148.1	936.8	799.1	753.1
32.5°	17992.7	17781.5	15907.8	10938.9	5290.4	2847.2	1469.5	1010.3	854.2	753.1	707.2
35°	19113.3	18690.8	16789.5	11159.4	5106.7	2599.3	1322.6	918.5	716.4	615.4	560.3
37.5°	20362.4	20206.2	17845.8	11150.2	4840.3	2452.3	1221.6	854.2	679.7	569.4	505.2
40°	21639.0	21005.3	18488.7	11407.3	4702.5	2342.1	1148.1	817.4	642.9	541.9	459.2
42.5°	22594.3	21868.7	19232.7	11315.5	4537.2	2149.2	1120.5	762.3	615.4	496.0	422.5
45°	22851.4	22594.3	19903.1	11287.9	4417.8	1993.1	1074.6	753.1	597.0	468.4	394.9
47.5°	23347.4	23172.9	20729.8	11333.9	4326.0	1873.7	964.4	771.5	569.4	440.9	376.6
50°	23567.8	23255.5	21400.2	11444.1	4114.7	1726.7	863.4	808.2	560.3	431.7	358.2
52.5°	24477.1	24201.6	22318.7	11756.4	3940.2	1533.8	762.3	771.5	578.6	404.1	339.8
55°	25368.0	25055.7	23733.1	12472.8	3692.2	1377.7	652.1	679.7	551.1	367.4	303.1
57.5°	26589.6	26075.2	24679.2	12766.7	3471.8	1166.5	578.6	560.3	514.3	330.6	266.4
60°	26773.3	26984.5	24541.4	12583.0	3242.2	1028.7	505.2	431.7	551.1	293.9	229.6
62.5°	27388.6	26506.9	23898.5	12160.5	3076.9	946.0	450.0	358.2	477.6	257.2	192.9
65°	26203.8	25551.7	22392.2	10801.2	2865.6	955.2	394.9	293.9	303.1	211.2	156.1
67.5°	24467.9	23953.6	19894.0	9322.4	2654.4	936.8	349.0	257.2	229.6	183.7	137.8
70°	21473.7	20362.4	16899.8	7568.2	2342.1	872.5	293.9	229.6	192.9	147.0	101.0
72.5°	15623.1	15173.0	12123.7	5850.6	2103.3	789.9	275.5	192.9	165.3	110.2	82.7
75°	10516.4	9772.5	7650.8	3839.2	1690.0	688.8	229.6	174.5	128.6	82.7	64.3
77.5°	5556.7	5253.6	4335.2	1827.7	936.8	321.5	128.6	101.0	73.5	64.3	36.7
80°	2406.4	2140.0	1873.7	744.0	330.6	147.0	82.7	55.1	45.9	36.7	18.4
82.5°	1230.7	1175.6	973.6	321.5	192.9	110.2	45.9	36.7	27.6	18.4	9.2
85°	606.2	624.6	514.3	101.0	110.2	64.3	9.2	9.2	0.0	0.0	0.0
87.5°	45.9	45.9	36.7	18.4	27.6	9.2	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°	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8
2.5°	11398.2	11526.7	11306.3	11444.1	11379.8	11407.3	11434.9	11361.4	11379.8	11637.0	11646.1
5°	9129.5	9377.5	9285.7	9414.3	9634.7	9524.5	9625.5	9607.1	9625.5	9662.3	9827.6
7.5°	6511.9	6438.4	6613.0	6952.8	7347.7	7586.5	7467.1	7402.8	7366.1	7274.2	7384.5
10°	4913.8	4877.1	4831.1	4932.2	5189.3	5455.7	5602.6	5354.7	5216.9	5042.4	4978.1
12.5°	4078.0	3848.4	3719.8	3563.6	3637.1	3875.9	3885.1	3646.3	3425.9	3334.0	3435.1
15°	3214.6	3058.5	2828.9	2608.4	2498.2	2681.9	2525.8	2296.2	2011.4	1974.7	1965.5
17.5°	2296.2	2204.3	2039.0	1947.1	1818.6	1772.6	1607.3	1258.3	1056.2	1001.1	1019.5
20°	1561.4	1487.9	1478.7	1396.1	1341.0	1304.2	1037.9	808.2	744.0	753.1	762.3
22.5°	1157.3	1120.5	1074.6	1065.4	1019.5	973.6	762.3	679.7	633.7	633.7	661.3
25°	946.0	927.7	881.7	863.4	845.0	780.7	642.9	578.6	560.3	541.9	569.4
27.5°	808.2	799.1	771.5	744.0	725.6	661.3	560.3	505.2	486.8	486.8	486.8
30°	725.6	725.6	688.8	633.7	633.7	560.3	477.6	440.9	422.5	422.5	413.3
32.5°	679.7	661.3	615.4	578.6	551.1	477.6	422.5	385.8	358.2	358.2	367.4
35°	551.1	551.1	541.9	514.3	477.6	404.1	358.2	321.5	303.1	293.9	303.1
37.5°	486.8	459.2	422.5	431.7	413.3	349.0	303.1	275.5	248.0	248.0	248.0
40°	440.9	413.3	376.6	349.0	339.8	312.3	266.4	220.4	192.9	183.7	183.7
42.5°	394.9	376.6	321.5	275.5	266.4	266.4	202.1	165.3	137.8	137.8	137.8
45°	367.4	339.8	293.9	238.8	192.9	202.1	165.3	119.4	101.0	91.8	91.8
47.5°	349.0	321.5	257.2	202.1	147.0	147.0	119.4	82.7	64.3	55.1	55.1
50°	321.5	293.9	229.6	165.3	110.2	91.8	73.5	45.9	27.6	18.4	18.4
52.5°	303.1	275.5	202.1	137.8	91.8	64.3	45.9	9.2	0.0	0.0	0.0
55°	275.5	238.8	174.5	110.2	73.5	36.7	9.2	0.0	0.0	0.0	0.0
57.5°	238.8	211.2	137.8	82.7	45.9	9.2	0.0	0.0	0.0	0.0	0.0
60°	202.1	174.5	110.2	64.3	18.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	165.3	147.0	82.7	36.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	137.8	110.2	64.3	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	119.4	91.8	45.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	91.8	64.3	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	64.3	45.9	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	45.9	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	27.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	9.2	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°	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8
2.5°	11682.9	11958.4	12215.6	12289.1	12491.1	13051.4	13051.4	13317.7	13795.4	13969.9	14006.6
5°	9855.1	10149.0	10204.2	10773.6	11040.0	11609.4	11986.0	12886.1	13428.0	13767.8	13979.0
7.5°	7494.7	7595.7	7807.0	8339.7	8863.2	9552.0	10268.4	11416.5	12371.7	12757.5	13473.9
10°	5152.6	5455.7	5914.9	6392.5	7210.0	7972.3	8899.9	9983.7	11159.4	11637.0	12252.3
12.5°	3471.8	3894.3	4629.1	5308.7	6061.9	6833.4	7715.1	9166.3	10498.1	11159.4	11774.7
15°	2029.8	2544.1	3177.9	4280.0	5281.2	6144.5	7026.3	8495.8	10112.3	10966.5	11719.6
17.5°	1028.7	1184.8	1708.3	2663.5	3986.1	5400.6	6714.0	8587.7	10406.2	11453.3	12077.8
20°	771.5	817.4	964.4	1414.4	2727.8	4463.7	6420.1	8725.4	11223.6	12500.3	12840.1
22.5°	670.5	707.2	771.5	918.5	1533.8	3416.7	6006.8	9065.3	12335.0	13538.2	14254.6
25°	569.4	606.2	661.3	753.1	982.8	2323.7	5501.6	9423.5	13326.9	14842.4	15512.9
27.5°	496.0	523.5	578.6	652.1	799.1	1478.7	4629.1	9901.1	14842.4	16422.2	16596.7
30°	422.5	450.0	496.0	578.6	679.7	1047.1	3398.3	9965.4	15678.2	17111.0	17597.8
32.5°	367.4	376.6	431.7	505.2	569.4	826.6	2388.0	10029.6	16293.6	18001.9	18103.0
35°	303.1	321.5	376.6	422.5	496.0	652.1	1809.4	9708.2	17092.6	18920.4	18892.8
37.5°	248.0	275.5	312.3	349.0	404.1	551.1	1442.0	9111.2	18093.8	20344.0	19480.7
40°	192.9	220.4	257.2	303.1	339.8	496.0	1083.8	8211.1	19140.8	21042.0	20123.6
42.5°	137.8	156.1	192.9	238.8	303.1	413.3	780.7	7145.7	19554.1	21859.5	20895.1
45°	101.0	119.4	147.0	202.1	312.3	330.6	541.9	6172.1	19995.0	22217.7	20720.6
47.5°	55.1	73.5	110.2	174.5	275.5	248.0	385.8	5299.5	20500.1	22539.1	20858.4
50°	18.4	27.6	64.3	183.7	220.4	192.9	303.1	4831.1	20996.1	22603.4	21133.9
52.5°	0.0	0.0	36.7	192.9	165.3	147.0	266.4	4647.4	20867.5	22805.5	20959.4
55°	0.0	0.0	9.2	82.7	91.8	110.2	220.4	4638.3	21776.8	22869.8	21914.6
57.5°	0.0	0.0	0.0	27.6	55.1	91.8	192.9	4344.3	22355.4	24467.9	23200.4
60°	0.0	0.0	0.0	9.2	36.7	64.3	147.0	4087.2	22943.3	25184.3	24578.1
62.5°	0.0	0.0	0.0	0.0	9.2	27.6	101.0	3692.2	21758.4	25129.2	25909.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	64.3	2920.7	19572.5	23815.8	25175.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	36.7	2020.6	17138.6	22162.6	23825.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1221.6	13832.1	19434.7	20206.2
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.5	9873.5	15430.2	16578.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.2	6107.8	11278.8	12693.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.7	3958.6	8541.7	9634.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	2112.5	5354.7	6227.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	918.5	3251.4	3747.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	293.9	1974.7	2250.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	303.1	404.1
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: P599296
 CATALOG NUMBER: IFLD-S-SA6D-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8	13023.8
2.5°	14025.0	14291.3	14392.4	14236.2	14254.6	13933.1	13887.2	13437.1	13253.5	13290.2
5°	14667.9	15053.6	15264.9	15090.4	14695.4	14080.1	13519.8	12987.1	12656.5	12491.1
7.5°	14520.9	14952.6	15219.0	15384.3	14934.2	13942.3	13088.1	12087.0	11664.5	11673.7
10°	13712.7	14612.8	15154.7	14943.4	14732.2	13740.2	12417.7	11333.9	10957.3	10994.0
12.5°	13060.6	14061.7	14383.2	14548.5	14116.8	13326.9	12436.0	11196.1	10773.6	10516.4
15°	12656.5	13400.4	13418.8	13676.0	13501.4	13501.4	12628.9	11416.5	11049.1	10764.4
17.5°	12656.5	12821.8	12803.4	12895.3	13189.2	13538.2	13115.7	12307.4	11581.8	11535.9
20°	12941.2	12426.8	12307.4	12344.2	12592.2	13630.0	14190.3	13180.0	12720.7	12573.8
22.5°	13602.5	12472.8	11747.2	11618.6	12380.9	13620.8	14879.1	14557.7	13758.6	13639.2
25°	14511.8	12390.1	11600.2	11434.9	12013.5	13951.5	15825.2	15889.5	15163.9	14915.9
27.5°	15375.1	12757.5	11581.8	11545.1	12307.4	13878.0	16477.3	16954.9	16137.4	15935.4
30°	15669.0	13124.9	11921.7	11434.9	12417.7	14144.4	16458.9	17708.0	17175.3	17221.2
32.5°	16018.0	13492.3	11958.4	11765.5	12886.1	14576.0	16982.4	18920.4	18534.6	17992.7
35°	16532.4	13988.2	12307.4	12132.9	13216.7	14961.8	17092.6	19811.3	19747.0	19113.3
37.5°	16973.2	14475.0	13033.0	13060.6	14227.0	15586.4	17579.4	20904.3	20794.1	20362.4
40°	17285.5	15154.7	14162.7	14236.2	15108.8	16284.4	18442.8	21455.4	22272.8	21639.0
42.5°	17331.4	15760.9	15457.8	16045.6	16863.0	17368.2	18791.8	21831.9	23007.6	22594.3
45°	17506.0	16725.3	17570.2	18001.9	18672.4	18323.4	18773.4	22474.8	23062.7	22851.4
47.5°	18185.6	18479.5	19544.9	20858.4	21097.2	19949.1	19214.3	22575.9	23374.9	23347.4
50°	18892.8	20362.4	21859.5	22732.0	23035.1	21069.6	19627.6	22493.2	23788.3	23567.8
52.5°	19682.7	21997.2	24155.6	25230.2	25064.9	22309.5	20096.0	23163.7	24550.6	24477.1
55°	20178.7	22732.0	25634.4	27131.5	27002.9	23696.4	21583.9	24128.1	25551.7	25368.0
57.5°	21492.1	23926.0	27103.9	27801.9	28141.8	25515.0	22621.8	25707.8	26387.5	26589.6
60°	22575.9	24706.7	27489.7	28500.0	28619.4	26598.8	24440.4	27333.5	27452.9	26773.3
62.5°	24164.8	25009.8	26672.2	27581.5	28196.9	27214.1	26075.2	28206.1	27434.6	27388.6
65°	25331.3	24017.9	25147.6	25652.7	26047.7	26277.3	27719.3	28803.1	27094.7	26203.8
67.5°	24679.2	22144.2	21933.0	21960.5	22079.9	23466.8	27168.2	27342.7	25202.7	24467.9
70°	21721.7	18167.2	17882.5	18103.0	17506.0	19177.6	24936.3	24853.7	22236.0	21473.7
72.5°	17570.2	13244.3	12757.5	13060.6	13198.3	14971.0	20977.8	18846.9	16220.1	15623.1
75°	13960.7	9708.2	8192.7	8927.5	9395.9	10902.2	16385.4	12803.4	11324.7	10516.4
77.5°	10966.5	7347.7	6374.2	6080.2	6511.9	7926.4	11921.7	6723.2	5933.3	5556.7
80°	6952.8	5400.6	5859.8	5437.3	5621.0	5657.7	6208.8	3058.5	2433.9	2406.4
82.5°	4188.2	3692.2	4390.3	2415.6	4399.4	3931.0	2580.9	1386.9	1230.7	1230.7
85°	2966.6	2287.0	1515.5	982.8	1956.3	2158.4	1001.1	716.4	624.6	606.2
87.5°	1487.9	707.2	339.8	220.4	248.0	404.1	119.4	55.1	55.1	45.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)