

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: P599228

Luminaire Tested: **IFLD-S-SA2D-740-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: P599228
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

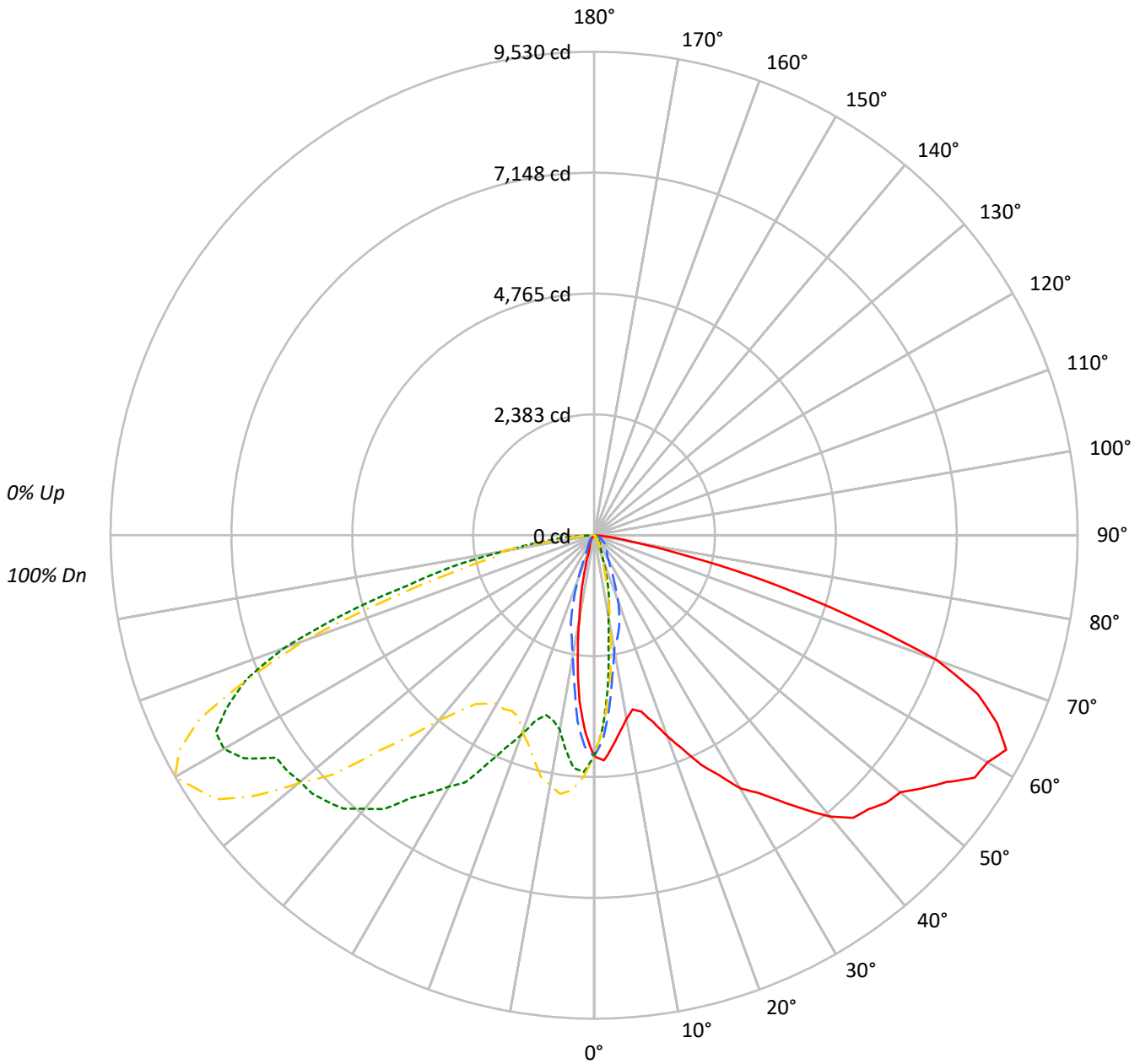
Lumens per Lamp: N/A
 Luminaire Lumens: 11392.1 lumens
 Efficiency: N/A
 Efficacy: 91.9 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 Input Voltage (V): 120
 Input Current (A_{in}): 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°	93758	93758	93758	93758
5°	90265	65973	71017	99493
10°	80366	35920	36390	85066
15°	80225	23959	14649	81732
20°	96327	11961	5840	95764
25°	118479	7513	4523	117895
30°	143153	6031	3435	142236
35°	167973	4844	2665	166278
40°	203353	4142	1725	197744
45°	232645	3742	935	226194
50°	263949	3600	204	253148
55°	318393	3457	0	287038
60°	385477	2911	0	362598
65°	446360	2348	0	405680
70°	451982	1932	0	409068
75°	292509	1281	0	313711
80°	99762	384	0	221988
85°	50068	0	0	163097

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.9	2.9
10°-20°	638.8	5.6
20°-30°	889.7	7.8
30°-40°	1264.2	11.1
40°-50°	1753.1	15.4
50°-60°	2388.7	21.0
60°-70°	2626.2	23.1
70°-80°	1290.7	11.3
80°-90°	210.8	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°	1858.5	16.3
0°-40°	3122.7	27.4
0°-60°	7264.4	63.8
0°-90°	11392.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11392.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4355	4355	4355	4355	4355	
5°	4177	3053	3286	4604	4177	382
15°	3600	1075	657	3667	3600	1065
25°	4988	316	190	4963	4988	2319
35°	6392	184	101	6327	6392	4057
45°	7642	123	31	7430	7642	5924
55°	8483	92	0	7648	8483	7631
65°	8763	46	0	7964	8763	8468
75°	3517	15	0	3772	3517	3834
85°	203	0	0	660	203	280
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°	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2
2.5°	4444.2	4496.5	4447.3	4275.3	4244.6	4161.7	4035.8	4026.5	3894.5	3909.8	3839.2
5°	4177.0	4229.3	4124.8	3897.5	3685.6	3516.7	3415.3	3234.1	3194.2	3105.1	3105.1
7.5°	3903.7	3900.6	3722.5	3532.1	3215.7	2905.5	2764.2	2503.2	2349.6	2266.7	2186.8
10°	3676.4	3627.3	3516.7	3123.6	2779.6	2457.1	2282.0	2110.0	1950.3	1812.1	1673.9
12.5°	3516.7	3547.4	3372.3	2945.4	2500.1	2275.9	2088.5	1907.3	1716.9	1560.2	1406.7
15°	3599.6	3550.5	3344.7	2905.5	2454.0	2146.9	1898.1	1677.0	1465.0	1259.3	1142.5
17.5°	3857.6	3731.7	3489.1	2905.5	2358.8	1950.3	1649.3	1388.3	1161.0	976.7	832.3
20°	4204.7	4060.3	3799.3	3013.0	2288.2	1806.0	1394.4	1065.8	829.3	657.3	546.7
22.5°	4561.0	4447.3	4054.2	3056.0	2205.2	1612.5	1099.5	770.9	552.8	442.3	387.0
25°	4987.9	4828.2	4398.2	3228.0	2082.4	1425.1	866.1	537.5	411.6	353.2	319.4
27.5°	5328.8	5301.2	4720.7	3332.4	1990.2	1271.5	684.9	426.9	340.9	297.9	276.4
30°	5758.8	5608.3	5113.8	3541.3	1885.8	1096.5	571.3	383.9	313.3	267.2	251.9
32.5°	6016.8	5946.1	5319.6	3658.0	1769.1	952.1	491.4	337.8	285.6	251.9	236.5
35°	6391.5	6250.2	5614.4	3731.7	1707.7	869.2	442.3	307.1	239.6	205.8	187.4
37.5°	6809.2	6757.0	5967.6	3728.6	1618.6	820.1	408.5	285.6	227.3	190.4	168.9
40°	7236.1	7024.2	6182.6	3814.6	1572.5	783.2	383.9	273.4	215.0	181.2	153.6
42.5°	7555.5	7312.9	6431.4	3783.9	1517.2	718.7	374.7	254.9	205.8	165.9	141.3
45°	7641.5	7555.5	6655.6	3774.7	1477.3	666.5	359.3	251.9	199.6	156.6	132.1
47.5°	7807.4	7749.0	6932.0	3790.0	1446.6	626.6	322.5	258.0	190.4	147.4	125.9
50°	7881.1	7776.7	7156.2	3826.9	1376.0	577.4	288.7	270.3	187.4	144.4	119.8
52.5°	8185.2	8093.0	7463.4	3931.3	1317.6	512.9	254.9	258.0	193.5	135.1	113.6
55°	8483.1	8378.6	7936.4	4170.9	1234.7	460.7	218.1	227.3	184.3	122.9	101.4
57.5°	8891.6	8719.6	8252.7	4269.2	1161.0	390.1	193.5	187.4	172.0	110.6	89.1
60°	8953.0	9023.6	8206.7	4207.8	1084.2	344.0	168.9	144.4	184.3	98.3	76.8
62.5°	9158.8	8863.9	7991.7	4066.5	1028.9	316.3	150.5	119.8	159.7	86.0	64.5
65°	8762.6	8544.5	7488.0	3611.9	958.3	319.4	132.1	98.3	101.4	70.6	52.2
67.5°	8182.1	8010.1	6652.5	3117.4	887.6	313.3	116.7	86.0	76.8	61.4	46.1
70°	7180.8	6809.2	5651.3	2530.8	783.2	291.8	98.3	76.8	64.5	49.1	33.8
72.5°	5224.4	5073.9	4054.2	1956.5	703.3	264.1	92.1	64.5	55.3	36.9	27.6
75°	3516.7	3267.9	2558.4	1283.8	565.1	230.4	76.8	58.4	43.0	27.6	21.5
77.5°	1858.2	1756.8	1449.7	611.2	313.3	107.5	43.0	33.8	24.6	21.5	12.3
80°	804.7	715.6	626.6	248.8	110.6	49.1	27.6	18.4	15.4	12.3	6.1
82.5°	411.6	393.1	325.6	107.5	64.5	36.9	15.4	12.3	9.2	6.1	3.1
85°	202.7	208.9	172.0	33.8	36.9	21.5	3.1	3.1	0.0	0.0	0.0
87.5°	15.4	15.4	12.3	6.1	9.2	3.1	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°	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2
2.5°	3811.5	3854.5	3780.8	3826.9	3805.4	3814.6	3823.8	3799.3	3805.4	3891.4	3894.5
5°	3052.9	3135.8	3105.1	3148.1	3221.8	3185.0	3218.8	3212.6	3218.8	3231.1	3286.3
7.5°	2177.6	2153.0	2211.4	2325.0	2457.1	2536.9	2497.0	2475.5	2463.2	2432.5	2469.4
10°	1643.2	1630.9	1615.5	1649.3	1735.3	1824.4	1873.5	1790.6	1744.5	1686.2	1664.7
12.5°	1363.7	1286.9	1243.9	1191.7	1216.3	1296.1	1299.2	1219.3	1145.6	1114.9	1148.7
15°	1075.0	1022.8	946.0	872.3	835.4	896.8	844.6	767.8	672.6	660.3	657.3
17.5°	767.8	737.1	681.8	651.1	608.1	592.8	537.5	420.8	353.2	334.8	340.9
20°	522.1	497.6	494.5	466.8	448.4	436.1	347.1	270.3	248.8	251.9	254.9
22.5°	387.0	374.7	359.3	356.3	340.9	325.6	254.9	227.3	211.9	211.9	221.1
25°	316.3	310.2	294.8	288.7	282.6	261.1	215.0	193.5	187.4	181.2	190.4
27.5°	270.3	267.2	258.0	248.8	242.6	221.1	187.4	168.9	162.8	162.8	162.8
30°	242.6	242.6	230.4	211.9	211.9	187.4	159.7	147.4	141.3	141.3	138.2
32.5°	227.3	221.1	205.8	193.5	184.3	159.7	141.3	129.0	119.8	119.8	122.9
35°	184.3	184.3	181.2	172.0	159.7	135.1	119.8	107.5	101.4	98.3	101.4
37.5°	162.8	153.6	141.3	144.4	138.2	116.7	101.4	92.1	82.9	82.9	82.9
40°	147.4	138.2	125.9	116.7	113.6	104.4	89.1	73.7	64.5	61.4	61.4
42.5°	132.1	125.9	107.5	92.1	89.1	89.1	67.6	55.3	46.1	46.1	46.1
45°	122.9	113.6	98.3	79.9	64.5	67.6	55.3	39.9	33.8	30.7	30.7
47.5°	116.7	107.5	86.0	67.6	49.1	49.1	39.9	27.6	21.5	18.4	18.4
50°	107.5	98.3	76.8	55.3	36.9	30.7	24.6	15.4	9.2	6.1	6.1
52.5°	101.4	92.1	67.6	46.1	30.7	21.5	15.4	3.1	0.0	0.0	0.0
55°	92.1	79.9	58.4	36.9	24.6	12.3	3.1	0.0	0.0	0.0	0.0
57.5°	79.9	70.6	46.1	27.6	15.4	3.1	0.0	0.0	0.0	0.0	0.0
60°	67.6	58.4	36.9	21.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	55.3	49.1	27.6	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	46.1	36.9	21.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	39.9	30.7	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	30.7	21.5	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	21.5	15.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	15.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	9.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.1	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°	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2
2.5°	3906.8	3998.9	4084.9	4109.5	4177.0	4364.4	4364.4	4453.5	4613.2	4671.5	4683.8
5°	3295.6	3393.8	3412.3	3602.7	3691.8	3882.2	4008.1	4309.1	4490.3	4604.0	4674.6
7.5°	2506.2	2540.0	2610.6	2788.8	2963.9	3194.2	3433.8	3817.7	4137.1	4266.1	4505.7
10°	1723.0	1824.4	1978.0	2137.7	2411.0	2665.9	2976.1	3338.6	3731.7	3891.4	4097.2
12.5°	1161.0	1302.3	1548.0	1775.2	2027.1	2285.1	2579.9	3065.2	3510.6	3731.7	3937.5
15°	678.8	850.8	1062.7	1431.2	1766.0	2054.7	2349.6	2841.0	3381.6	3667.2	3919.0
17.5°	344.0	396.2	571.3	890.7	1333.0	1806.0	2245.2	2871.7	3479.8	3830.0	4038.8
20°	258.0	273.4	322.5	473.0	912.2	1492.7	2146.9	2917.8	3753.2	4180.1	4293.7
22.5°	224.2	236.5	258.0	307.1	512.9	1142.5	2008.7	3031.4	4124.8	4527.2	4766.7
25°	190.4	202.7	221.1	251.9	328.6	777.1	1839.7	3151.2	4456.5	4963.3	5187.5
27.5°	165.9	175.1	193.5	218.1	267.2	494.5	1548.0	3310.9	4963.3	5491.6	5549.9
30°	141.3	150.5	165.9	193.5	227.3	350.1	1136.4	3332.4	5242.8	5721.9	5884.7
32.5°	122.9	125.9	144.4	168.9	190.4	276.4	798.6	3353.9	5448.6	6019.8	6053.6
35°	101.4	107.5	125.9	141.3	165.9	218.1	605.1	3246.4	5715.8	6327.0	6317.8
37.5°	82.9	92.1	104.4	116.7	135.1	184.3	482.2	3046.8	6050.6	6803.0	6514.3
40°	64.5	73.7	86.0	101.4	113.6	165.9	362.4	2745.8	6400.7	7036.5	6729.3
42.5°	46.1	52.2	64.5	79.9	101.4	138.2	261.1	2389.5	6538.9	7309.8	6987.3
45°	33.8	39.9	49.1	67.6	104.4	110.6	181.2	2063.9	6686.3	7429.6	6929.0
47.5°	18.4	24.6	36.9	58.4	92.1	82.9	129.0	1772.2	6855.3	7537.1	6975.0
50°	6.1	9.2	21.5	61.4	73.7	64.5	101.4	1615.5	7021.1	7558.6	7067.2
52.5°	0.0	0.0	12.3	64.5	55.3	49.1	89.1	1554.1	6978.1	7626.2	7008.8
55°	0.0	0.0	3.1	27.6	30.7	36.9	73.7	1551.0	7282.2	7647.7	7328.2
57.5°	0.0	0.0	0.0	9.2	18.4	30.7	64.5	1452.7	7475.7	8182.1	7758.2
60°	0.0	0.0	0.0	3.1	12.3	21.5	49.1	1366.8	7672.2	8421.6	8218.9
62.5°	0.0	0.0	0.0	0.0	3.1	9.2	33.8	1234.7	7276.0	8403.2	8664.3
65°	0.0	0.0	0.0	0.0	0.0	0.0	21.5	976.7	6545.0	7964.0	8418.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.3	675.7	5731.1	7411.2	7967.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	408.5	4625.5	6499.0	6757.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.1	3301.7	5159.9	5543.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.6	2042.4	3771.6	4244.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.6	1323.8	2856.4	3221.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	706.4	1790.6	2082.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	307.1	1087.3	1253.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.3	660.3	752.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	101.4	135.1
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: P599228
 CATALOG NUMBER: IFLD-S-SA2D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2	4355.2
2.5°	4690.0	4779.0	4812.8	4760.6	4766.7	4659.2	4643.9	4493.4	4432.0	4444.2
5°	4904.9	5033.9	5104.6	5046.2	4914.2	4708.4	4521.0	4342.9	4232.3	4177.0
7.5°	4855.8	5000.2	5089.2	5144.5	4994.0	4662.3	4376.7	4041.9	3900.6	3903.7
10°	4585.5	4886.5	5067.7	4997.1	4926.4	4594.7	4152.5	3790.0	3664.1	3676.4
12.5°	4367.5	4702.2	4809.7	4865.0	4720.7	4456.5	4158.6	3744.0	3602.7	3516.7
15°	4232.3	4481.1	4487.2	4573.2	4514.9	4514.9	4223.1	3817.7	3694.8	3599.6
17.5°	4232.3	4287.6	4281.5	4312.2	4410.5	4527.2	4385.9	4115.6	3873.0	3857.6
20°	4327.5	4155.5	4115.6	4127.9	4210.8	4557.9	4745.2	4407.4	4253.8	4204.7
22.5°	4548.7	4170.9	3928.3	3885.3	4140.2	4554.8	4975.6	4868.1	4600.9	4561.0
25°	4852.7	4143.3	3879.1	3823.8	4017.3	4665.4	5291.9	5313.4	5070.8	4987.9
27.5°	5141.4	4266.1	3873.0	3860.7	4115.6	4640.8	5510.0	5669.7	5396.4	5328.8
30°	5239.7	4389.0	3986.6	3823.8	4152.5	4729.9	5503.9	5921.6	5743.4	5758.8
32.5°	5356.4	4511.8	3998.9	3934.4	4309.1	4874.2	5678.9	6327.0	6198.0	6016.8
35°	5528.4	4677.7	4115.6	4057.3	4419.7	5003.2	5715.8	6624.9	6603.4	6391.5
37.5°	5675.9	4840.4	4358.2	4367.5	4757.5	5212.1	5878.6	6990.4	6953.5	6809.2
40°	5780.3	5067.7	4736.0	4760.6	5052.4	5445.5	6167.3	7174.7	7448.0	7236.1
42.5°	5795.6	5270.4	5169.1	5365.7	5639.0	5807.9	6284.0	7300.6	7693.7	7555.5
45°	5854.0	5592.9	5875.5	6019.8	6244.1	6127.3	6277.8	7515.6	7712.2	7641.5
47.5°	6081.3	6179.6	6535.8	6975.0	7054.9	6671.0	6425.3	7549.4	7816.6	7807.4
50°	6317.8	6809.2	7309.8	7601.6	7702.9	7045.7	6563.5	7521.7	7954.8	7881.1
52.5°	6581.9	7355.9	8077.7	8437.0	8381.7	7460.3	6720.1	7745.9	8209.7	8185.2
55°	6747.8	7601.6	8572.1	9072.8	9029.8	7924.1	7217.7	8068.4	8544.5	8483.1
57.5°	7187.0	8000.9	9063.6	9297.0	9410.6	8532.2	7564.7	8596.7	8824.0	8891.6
60°	7549.4	8261.9	9192.6	9530.4	9570.3	8894.6	8172.9	9140.3	9180.3	8953.0
62.5°	8080.7	8363.3	8919.2	9223.3	9429.0	9100.4	8719.6	9432.1	9174.1	9158.8
65°	8470.8	8031.6	8409.4	8578.3	8710.4	8787.1	9269.3	9631.8	9060.5	8762.6
67.5°	8252.7	7405.0	7334.4	7343.6	7383.5	7847.3	9085.1	9143.4	8427.8	8182.1
70°	7263.7	6075.1	5979.9	6053.6	5854.0	6413.0	8338.7	8311.1	7435.7	7180.8
72.5°	5875.5	4428.9	4266.1	4367.5	4413.5	5006.3	7015.0	6302.4	5424.0	5224.4
75°	4668.5	3246.4	2739.6	2985.4	3142.0	3645.7	5479.3	4281.5	3787.0	3516.7
77.5°	3667.2	2457.1	2131.5	2033.2	2177.6	2650.6	3986.6	2248.2	1984.1	1858.2
80°	2325.0	1806.0	1959.5	1818.2	1879.7	1892.0	2076.2	1022.8	813.9	804.7
82.5°	1400.5	1234.7	1468.1	807.8	1471.2	1314.5	863.0	463.8	411.6	411.6
85°	992.0	764.8	506.8	328.6	654.2	721.8	334.8	239.6	208.9	202.7
87.5°	497.6	236.5	113.6	73.7	82.9	135.1	39.9	18.4	18.4	15.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)