

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: P599175

Luminaire Tested: **IFLD-S-SA3D-730-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: P599175
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3D-730-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

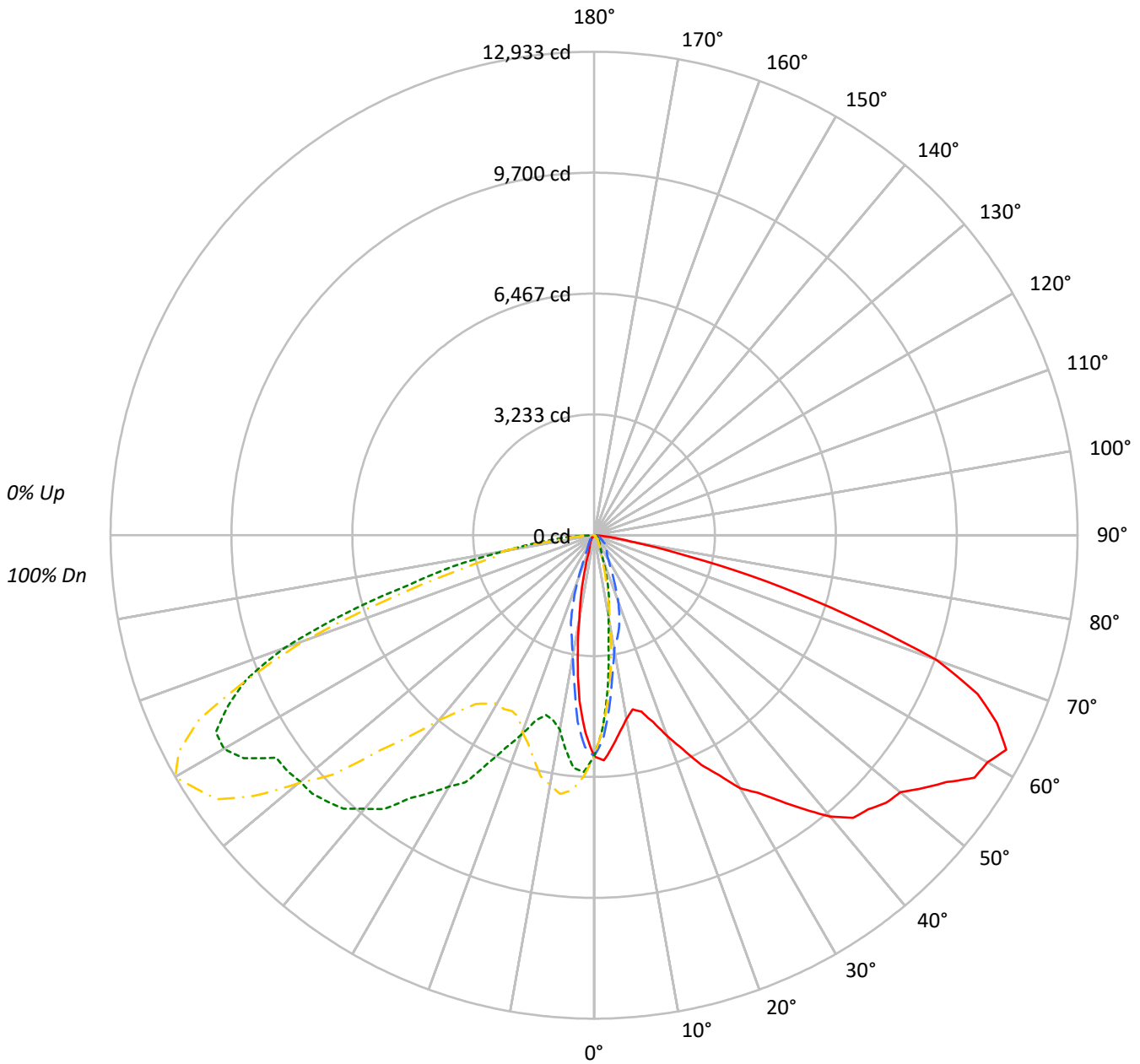
Lumens per Lamp: N/A
 Luminaire Lumens: 15459.4 lumens
 Efficiency: N/A
 Efficacy: 84.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 184.1
 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	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°	84821	84821	84821	84821
5°	81663	59686	64250	90009
10°	72706	32496	32921	76959
15°	72579	21675	13252	73942
20°	87146	10821	5283	86636
25°	107186	6798	4092	106659
30°	129510	5457	3109	128679
35°	151963	4382	2409	150429
40°	183971	3749	1563	178895
45°	210472	3383	846	204635
50°	238791	3258	185	229021
55°	288045	3128	0	259678
60°	348736	2632	0	328041
65°	403815	2122	0	367013
70°	408904	1750	0	370076
75°	264631	1153	0	283812
80°	90253	347	0	200829
85°	45301	0	0	147560

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	447.7	2.9
10°-20°	866.9	5.6
20°-30°	1207.4	7.8
30°-40°	1715.6	11.1
40°-50°	2379.0	15.4
50°-60°	3241.5	21.0
60°-70°	3563.8	23.1
70°-80°	1751.6	11.3
80°-90°	286.0	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°	2522.0	16.3
0°-40°	4237.5	27.4
0°-60°	9858.0	63.8
0°-90°	15459.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15459.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5910	5910	5910	5910	5910	
5°	5668	4143	4460	6248	5668	519
15°	4885	1459	892	4976	4885	1446
25°	6769	429	258	6735	6769	3147
35°	8674	250	138	8586	8674	5506
45°	10370	167	42	10082	10370	8039
55°	11512	125	0	10378	11512	10356
65°	11891	62	0	10807	11891	11491
75°	4772	21	0	5118	4772	5203
85°	275	0	0	896	275	380
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°	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1
2.5°	6031.0	6101.8	6035.2	5801.8	5760.1	5647.5	5476.7	5464.2	5284.9	5305.8	5209.9
5°	5668.4	5739.2	5597.5	5289.1	5001.5	4772.3	4634.7	4388.8	4334.6	4213.8	4213.8
7.5°	5297.4	5293.3	5051.5	4793.1	4363.8	3942.9	3751.1	3396.9	3188.5	3075.9	2967.6
10°	4989.0	4922.3	4772.3	4238.8	3772.0	3334.3	3096.8	2863.4	2646.6	2459.1	2271.5
12.5°	4772.3	4814.0	4576.4	3997.0	3392.7	3088.4	2834.2	2588.3	2329.9	2117.3	1908.9
15°	4884.8	4818.1	4538.9	3942.9	3330.2	2913.4	2575.8	2275.7	1988.1	1708.9	1550.5
17.5°	5234.9	5064.0	4734.8	3942.9	3201.0	2646.6	2238.2	1883.9	1575.5	1325.4	1129.5
20°	5705.9	5510.0	5155.7	4088.7	3105.1	2450.7	1892.2	1446.3	1125.3	891.9	741.9
22.5°	6189.4	6035.2	5501.7	4147.1	2992.6	2188.2	1492.1	1046.1	750.2	600.2	525.2
25°	6768.7	6552.0	5968.5	4380.5	2825.9	1933.9	1175.4	729.4	558.5	479.3	433.5
27.5°	7231.4	7193.8	6406.1	4522.2	2700.8	1725.5	929.4	579.3	462.6	404.3	375.1
30°	7814.9	7610.6	6939.6	4805.6	2559.1	1488.0	775.2	521.0	425.1	362.6	341.8
32.5°	8165.0	8069.1	7218.9	4964.0	2400.7	1292.1	666.9	458.5	387.6	341.8	320.9
35°	8673.5	8481.7	7619.0	5064.0	2317.4	1179.5	600.2	416.8	325.1	279.3	254.2
37.5°	9240.3	9169.4	8098.3	5059.9	2196.5	1112.8	554.3	387.6	308.4	258.4	229.2
40°	9819.6	9532.1	8390.0	5176.6	2134.0	1062.8	521.0	370.9	291.8	245.9	208.4
42.5°	10253.1	9923.8	8727.6	5134.9	2059.0	975.3	508.5	345.9	279.3	225.1	191.7
45°	10369.8	10253.1	9031.9	5122.4	2004.8	904.4	487.6	341.8	270.9	212.6	179.2
47.5°	10594.9	10515.7	9407.0	5143.2	1963.1	850.3	437.6	350.1	258.4	200.1	170.9
50°	10694.9	10553.2	9711.3	5193.2	1867.2	783.6	391.8	366.8	254.2	195.9	162.5
52.5°	11107.5	10982.5	10128.1	5334.9	1788.0	696.0	345.9	350.1	262.6	183.4	154.2
55°	11511.8	11370.1	10769.9	5660.0	1675.5	625.2	295.9	308.4	250.1	166.7	137.5
57.5°	12066.2	11832.7	11199.2	5793.4	1575.5	529.3	262.6	254.2	233.4	150.0	120.9
60°	12149.5	12245.4	11136.7	5710.1	1471.3	466.8	229.2	195.9	250.1	133.4	104.2
62.5°	12428.8	12028.6	10844.9	5518.3	1396.3	429.3	204.2	162.5	216.7	116.7	87.5
65°	11891.1	11595.2	10161.4	4901.5	1300.4	433.5	179.2	133.4	137.5	95.9	70.9
67.5°	11103.4	10870.0	9027.7	4230.4	1204.5	425.1	158.4	116.7	104.2	83.4	62.5
70°	9744.6	9240.3	7669.0	3434.4	1062.8	396.0	133.4	104.2	87.5	66.7	45.8
72.5°	7089.6	6885.4	5501.7	2655.0	954.5	358.4	125.0	87.5	75.0	50.0	37.5
75°	4772.3	4434.7	3471.9	1742.2	766.9	312.6	104.2	79.2	58.4	37.5	29.2
77.5°	2521.6	2384.1	1967.3	829.4	425.1	145.9	58.4	45.8	33.3	29.2	16.7
80°	1092.0	971.1	850.3	337.6	150.0	66.7	37.5	25.0	20.8	16.7	8.3
82.5°	558.5	533.5	441.8	145.9	87.5	50.0	20.8	16.7	12.5	8.3	4.2
85°	275.1	283.4	233.4	45.8	50.0	29.2	4.2	4.2	0.0	0.0	0.0
87.5°	20.8	20.8	16.7	8.3	12.5	4.2	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°	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1
2.5°	5172.4	5230.7	5130.7	5193.2	5164.1	5176.6	5189.1	5155.7	5164.1	5280.8	5284.9
5°	4142.9	4255.5	4213.8	4272.1	4372.2	4322.1	4368.0	4359.7	4368.0	4384.7	4459.7
7.5°	2955.1	2921.7	3000.9	3155.1	3334.3	3442.7	3388.5	3359.3	3342.7	3301.0	3351.0
10°	2229.8	2213.2	2192.3	2238.2	2354.9	2475.7	2542.4	2429.9	2367.4	2288.2	2259.0
12.5°	1850.6	1746.4	1688.0	1617.2	1650.5	1758.9	1763.0	1654.7	1554.6	1513.0	1558.8
15°	1458.8	1387.9	1283.7	1183.7	1133.7	1217.0	1146.2	1042.0	912.8	896.1	891.9
17.5°	1042.0	1000.3	925.3	883.6	825.2	804.4	729.4	571.0	479.3	454.3	462.6
20°	708.5	675.2	671.0	633.5	608.5	591.8	471.0	366.8	337.6	341.8	345.9
22.5°	525.2	508.5	487.6	483.5	462.6	441.8	345.9	308.4	287.6	287.6	300.1
25°	429.3	421.0	400.1	391.8	383.4	354.3	291.8	262.6	254.2	245.9	258.4
27.5°	366.8	362.6	350.1	337.6	329.3	300.1	254.2	229.2	220.9	220.9	220.9
30°	329.3	329.3	312.6	287.6	287.6	254.2	216.7	200.1	191.7	191.7	187.6
32.5°	308.4	300.1	279.3	262.6	250.1	216.7	191.7	175.1	162.5	162.5	166.7
35°	250.1	250.1	245.9	233.4	216.7	183.4	162.5	145.9	137.5	133.4	137.5
37.5°	220.9	208.4	191.7	195.9	187.6	158.4	137.5	125.0	112.5	112.5	112.5
40°	200.1	187.6	170.9	158.4	154.2	141.7	120.9	100.0	87.5	83.4	83.4
42.5°	179.2	170.9	145.9	125.0	120.9	120.9	91.7	75.0	62.5	62.5	62.5
45°	166.7	154.2	133.4	108.4	87.5	91.7	75.0	54.2	45.8	41.7	41.7
47.5°	158.4	145.9	116.7	91.7	66.7	66.7	54.2	37.5	29.2	25.0	25.0
50°	145.9	133.4	104.2	75.0	50.0	41.7	33.3	20.8	12.5	8.3	8.3
52.5°	137.5	125.0	91.7	62.5	41.7	29.2	20.8	4.2	0.0	0.0	0.0
55°	125.0	108.4	79.2	50.0	33.3	16.7	4.2	0.0	0.0	0.0	0.0
57.5°	108.4	95.9	62.5	37.5	20.8	4.2	0.0	0.0	0.0	0.0	0.0
60°	91.7	79.2	50.0	29.2	8.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	75.0	66.7	37.5	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	62.5	50.0	29.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	54.2	41.7	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	41.7	29.2	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	29.2	20.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	20.8	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	12.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.2	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°	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1
2.5°	5301.6	5426.6	5543.3	5576.7	5668.4	5922.6	5922.6	6043.5	6260.2	6339.4	6356.1
5°	4472.2	4605.6	4630.6	4889.0	5009.8	5268.3	5439.1	5847.6	6093.5	6247.7	6343.6
7.5°	3401.0	3446.9	3542.7	3784.5	4022.1	4334.6	4659.7	5180.7	5614.2	5789.3	6114.3
10°	2338.2	2475.7	2684.1	2900.9	3271.8	3617.8	4038.7	4530.5	5064.0	5280.8	5560.0
12.5°	1575.5	1767.2	2100.6	2409.1	2750.8	3100.9	3501.1	4159.6	4763.9	5064.0	5343.3
15°	921.1	1154.5	1442.1	1942.3	2396.6	2788.3	3188.5	3855.3	4588.9	4976.5	5318.3
17.5°	466.8	537.7	775.2	1208.7	1808.9	2450.7	3046.8	3897.0	4722.3	5197.4	5480.8
20°	350.1	370.9	437.6	641.9	1237.9	2025.6	2913.4	3959.5	5093.2	5672.5	5826.8
22.5°	304.3	320.9	350.1	416.8	696.0	1550.5	2725.8	4113.7	5597.5	6143.5	6468.6
25°	258.4	275.1	300.1	341.8	446.0	1054.5	2496.6	4276.3	6047.7	6735.4	7039.6
27.5°	225.1	237.6	262.6	295.9	362.6	671.0	2100.6	4493.0	6735.4	7452.3	7531.4
30°	191.7	204.2	225.1	262.6	308.4	475.1	1542.1	4522.2	7114.7	7764.8	7985.7
32.5°	166.7	170.9	195.9	229.2	258.4	375.1	1083.7	4551.4	7393.9	8169.1	8215.0
35°	137.5	145.9	170.9	191.7	225.1	295.9	821.1	4405.5	7756.5	8585.9	8573.4
37.5°	112.5	125.0	141.7	158.4	183.4	250.1	654.4	4134.6	8210.8	9232.0	8840.2
40°	87.5	100.0	116.7	137.5	154.2	225.1	491.8	3726.1	8686.0	9548.7	9131.9
42.5°	62.5	70.9	87.5	108.4	137.5	187.6	354.3	3242.6	8873.5	9919.7	9482.0
45°	45.8	54.2	66.7	91.7	141.7	150.0	245.9	2800.8	9073.6	10082.2	9402.8
47.5°	25.0	33.3	50.0	79.2	125.0	112.5	175.1	2404.9	9302.8	10228.1	9465.4
50°	8.3	12.5	29.2	83.4	100.0	87.5	137.5	2192.3	9527.9	10257.3	9590.4
52.5°	0.0	0.0	16.7	87.5	75.0	66.7	120.9	2109.0	9469.5	10349.0	9511.2
55°	0.0	0.0	4.2	37.5	41.7	50.0	100.0	2104.8	9882.2	10378.1	9944.7
57.5°	0.0	0.0	0.0	12.5	25.0	41.7	87.5	1971.4	10144.7	11103.4	10528.2
60°	0.0	0.0	0.0	4.2	16.7	29.2	66.7	1854.7	10411.5	11428.5	11153.4
62.5°	0.0	0.0	0.0	0.0	4.2	12.5	45.8	1675.5	9873.8	11403.5	11757.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	29.2	1325.4	8881.9	10807.4	11424.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	16.7	916.9	7777.4	10057.2	10811.6
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	554.3	6276.9	8819.3	9169.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237.6	4480.5	7002.1	7523.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95.9	2771.7	5118.2	5760.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	1796.4	3876.2	4372.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	958.6	2429.9	2825.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	416.8	1475.4	1700.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133.4	896.1	1021.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	137.5	183.4
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: P599175
 CATALOG NUMBER: IFLD-S-SA3D-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1	5910.1
2.5°	6364.4	6485.3	6531.1	6460.3	6468.6	6322.7	6301.9	6097.7	6014.3	6031.0
5°	6656.2	6831.2	6927.1	6847.9	6668.7	6389.4	6135.2	5893.4	5743.4	5668.4
7.5°	6589.5	6785.4	6906.3	6981.3	6777.1	6326.9	5939.3	5485.0	5293.3	5297.4
10°	6222.7	6631.2	6877.1	6781.2	6685.4	6235.2	5635.0	5143.2	4972.3	4989.0
12.5°	5926.8	6381.1	6527.0	6602.0	6406.1	6047.7	5643.4	5080.7	4889.0	4772.3
15°	5743.4	6081.0	6089.3	6206.0	6126.9	6126.9	5730.9	5180.7	5014.0	4884.8
17.5°	5743.4	5818.4	5810.1	5851.8	5985.1	6143.5	5951.8	5585.0	5255.8	5234.9
20°	5872.6	5639.2	5585.0	5601.7	5714.2	6185.2	6439.4	5981.0	5772.6	5705.9
22.5°	6172.7	5660.0	5330.8	5272.4	5618.4	6181.0	6752.0	6606.2	6243.6	6189.4
25°	6585.3	5622.5	5264.1	5189.1	5451.6	6331.1	7181.3	7210.5	6881.2	6768.7
27.5°	6977.1	5789.3	5255.8	5239.1	5585.0	6297.7	7477.3	7694.0	7323.0	7231.4
30°	7110.5	5956.0	5410.0	5189.1	5635.0	6418.6	7468.9	8035.8	7794.0	7814.9
32.5°	7268.9	6122.7	5426.6	5339.1	5847.6	6614.5	7706.5	8585.9	8410.9	8165.0
35°	7502.3	6347.8	5585.0	5505.8	5997.6	6789.6	7756.5	8990.2	8961.0	8673.5
37.5°	7702.3	6568.7	5914.3	5926.8	6456.1	7073.0	7977.4	9486.2	9436.2	9240.3
40°	7844.0	6877.1	6426.9	6460.3	6856.2	7389.7	8369.2	9736.3	10107.2	9819.6
42.5°	7864.9	7152.2	7014.6	7281.4	7652.3	7881.6	8527.6	9907.2	10440.7	10253.1
45°	7944.1	7589.8	7973.2	8169.1	8473.4	8315.0	8519.2	10198.9	10465.7	10369.8
47.5°	8252.5	8385.9	8869.4	9465.4	9573.7	9052.7	8719.3	10244.8	10607.4	10594.9
50°	8573.4	9240.3	9919.7	10315.6	10453.2	9561.2	8906.9	10207.3	10794.9	10694.9
52.5°	8931.9	9982.2	10961.6	11449.3	11374.3	10123.9	9119.4	10511.5	11140.9	11107.5
55°	9156.9	10315.6	11632.7	12312.1	12253.7	10753.3	9794.6	10949.1	11595.2	11511.8
57.5°	9753.0	10857.5	12299.6	12616.3	12770.5	11578.5	10265.6	11666.0	11974.5	12066.2
60°	10244.8	11211.7	12474.6	12933.1	12987.3	12070.3	11090.9	12403.8	12457.9	12149.5
62.5°	10965.8	11349.3	12103.7	12516.3	12795.5	12349.6	11832.7	12799.7	12449.6	12428.8
65°	11495.1	10899.1	11411.8	11641.0	11820.2	11924.4	12578.8	13070.6	12295.4	11891.1
67.5°	11199.2	10048.9	9953.0	9965.5	10019.7	10649.1	12328.7	12407.9	11436.8	11103.4
70°	9857.1	8244.2	8115.0	8215.0	7944.1	8702.6	11315.9	11278.4	10090.6	9744.6
72.5°	7973.2	6010.2	5789.3	5926.8	5989.3	6793.7	9519.5	8552.6	7360.6	7089.6
75°	6335.3	4405.5	3717.8	4051.2	4263.8	4947.3	7435.6	5810.1	5139.1	4772.3
77.5°	4976.5	3334.3	2892.5	2759.2	2955.1	3596.9	5410.0	3050.9	2692.5	2521.6
80°	3155.1	2450.7	2659.1	2467.4	2550.8	2567.4	2817.5	1387.9	1104.5	1092.0
82.5°	1900.6	1675.5	1992.3	1096.2	1996.4	1783.9	1171.2	629.4	558.5	558.5
85°	1346.2	1037.8	687.7	446.0	887.8	979.5	454.3	325.1	283.4	275.1
87.5°	675.2	320.9	154.2	100.0	112.5	183.4	54.2	25.0	25.0	20.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)