

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: P599319

Luminaire Tested: **IFLD-S-SA3C-827-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: P599319
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3C-827-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

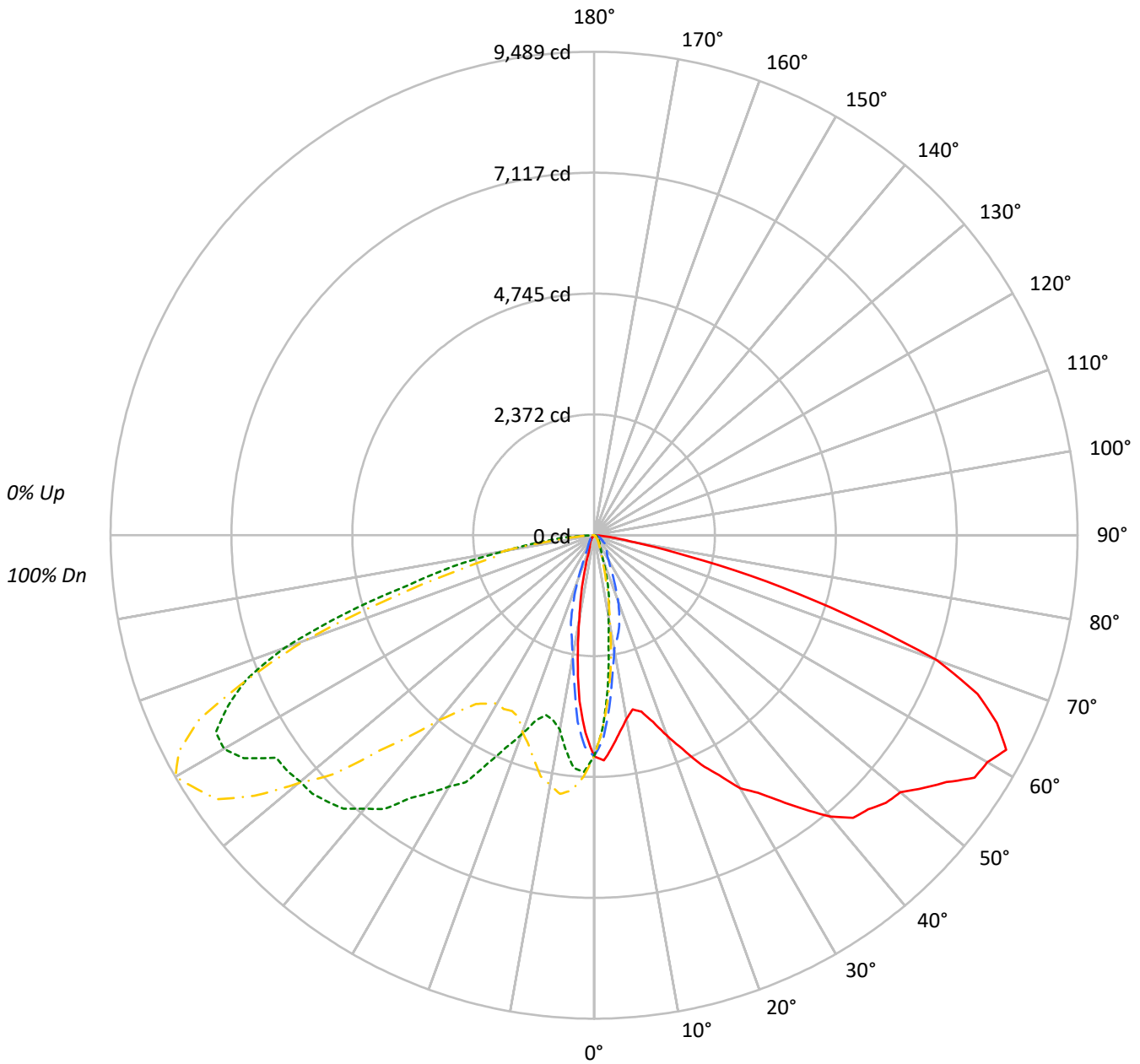
Lumens per Lamp: N/A
 Luminaire Lumens: 11342.1 lumens
 Efficiency: N/A
 Efficacy: 70.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 160.8
 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°	62231	62231	62231	62231
5°	59913	43789	47137	66036
10°	53343	23842	24154	56461
15°	53249	15903	9723	54249
20°	63936	7939	3876	63563
25°	78639	4988	3002	78251
30°	95016	4004	2280	94408
35°	111489	3215	1768	110365
40°	134973	2750	1147	131250
45°	154417	2482	621	150134
50°	175193	2389	136	168024
55°	211329	2294	0	190518
60°	255857	1932	0	240673
65°	296266	1559	0	269268
70°	300000	1284	0	271516
75°	194152	848	0	208226
80°	66219	256	0	147339
85°	33230	0	0	108254

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	328.5	2.9
10°-20°	636.0	5.6
20°-30°	885.8	7.8
30°-40°	1258.6	11.1
40°-50°	1745.4	15.4
50°-60°	2378.2	21.0
60°-70°	2614.6	23.1
70°-80°	1285.1	11.3
80°-90°	209.9	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°	1850.3	16.3
0°-40°	3108.9	27.4
0°-60°	7232.5	63.8
0°-90°	11342.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11342.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4336	4336	4336	4336	4336	
5°	4159	3040	3272	4584	4159	381
15°	3584	1070	654	3651	3584	1061
25°	4966	315	190	4942	4966	2309
35°	6363	184	101	6299	6363	4039
45°	7608	122	31	7397	7608	5898
55°	8446	92	0	7614	8446	7598
65°	8724	46	0	7929	8724	8431
75°	3501	15	0	3755	3501	3817
85°	202	0	0	657	202	279
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°	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1
2.5°	4424.7	4476.7	4427.8	4256.6	4226.0	4143.4	4018.0	4008.9	3877.4	3892.7	3822.3
5°	4158.7	4210.7	4106.7	3880.4	3669.4	3501.3	3400.4	3219.9	3180.2	3091.5	3091.5
7.5°	3886.6	3883.5	3706.1	3516.5	3201.6	2892.7	2752.1	2492.2	2339.3	2256.7	2177.2
10°	3660.3	3611.3	3501.3	3109.9	2767.4	2446.3	2272.0	2100.8	1941.7	1804.1	1666.5
12.5°	3501.3	3531.8	3357.5	2932.5	2489.1	2265.9	2079.4	1898.9	1709.3	1553.4	1400.5
15°	3583.8	3534.9	3330.0	2892.7	2443.2	2137.5	1889.8	1669.6	1458.6	1253.7	1137.5
17.5°	3840.7	3715.3	3473.7	2892.7	2348.4	1941.7	1642.1	1382.2	1155.9	972.4	828.7
20°	4186.2	4042.5	3782.6	2999.8	2278.1	1798.0	1388.3	1061.1	825.6	654.4	544.3
22.5°	4540.9	4427.8	4036.4	3042.6	2195.6	1605.4	1094.7	767.5	550.4	440.3	385.3
25°	4966.0	4807.0	4378.9	3213.8	2073.2	1418.9	862.3	535.1	409.8	351.7	318.0
27.5°	5305.4	5277.9	4699.9	3317.8	1981.5	1266.0	681.9	425.0	339.4	296.6	275.2
30°	5733.5	5583.7	5091.4	3525.7	1877.5	1091.7	568.8	382.2	311.9	266.0	250.7
32.5°	5990.4	5920.0	5296.2	3641.9	1761.3	947.9	489.3	336.4	284.4	250.7	235.5
35°	6363.4	6222.8	5589.8	3715.3	1700.2	865.4	440.3	305.8	238.5	204.9	186.5
37.5°	6779.3	6727.3	5941.4	3712.3	1611.5	816.5	406.7	284.4	226.3	189.6	168.2
40°	7204.3	6993.3	6155.5	3797.9	1565.6	779.8	382.2	272.2	214.1	180.4	152.9
42.5°	7522.4	7280.8	6403.2	3767.3	1510.6	715.5	373.1	253.8	204.9	165.1	140.7
45°	7608.0	7522.4	6626.4	3758.1	1470.8	663.6	357.8	250.7	198.8	156.0	131.5
47.5°	7773.1	7715.0	6901.6	3773.4	1440.3	623.8	321.1	256.9	189.6	146.8	125.4
50°	7846.5	7742.5	7124.8	3810.1	1369.9	574.9	287.4	269.1	186.5	143.7	119.3
52.5°	8149.2	8057.5	7430.6	3914.1	1311.8	510.7	253.8	256.9	192.6	134.5	113.1
55°	8445.8	8341.9	7901.5	4152.6	1229.3	458.7	217.1	226.3	183.5	122.3	100.9
57.5°	8852.5	8681.3	8216.5	4250.4	1155.9	388.3	192.6	186.5	171.2	110.1	88.7
60°	8913.7	8984.0	8170.6	4189.3	1079.4	342.5	168.2	143.7	183.5	97.9	76.4
62.5°	9118.6	8825.0	7956.6	4048.6	1024.4	315.0	149.8	119.3	159.0	85.6	64.2
65°	8724.1	8507.0	7455.1	3596.1	954.1	318.0	131.5	97.9	100.9	70.3	52.0
67.5°	8146.2	7974.9	6623.3	3103.7	883.7	311.9	116.2	85.6	76.4	61.2	45.9
70°	7149.3	6779.3	5626.5	2519.7	779.8	290.5	97.9	76.4	64.2	48.9	33.6
72.5°	5201.4	5051.6	4036.4	1947.9	700.3	263.0	91.7	64.2	55.0	36.7	27.5
75°	3501.3	3253.6	2547.2	1278.2	562.6	229.3	76.4	58.1	42.8	27.5	21.4
77.5°	1850.0	1749.1	1443.3	608.5	311.9	107.0	42.8	33.6	24.5	21.4	12.2
80°	801.2	712.5	623.8	247.7	110.1	48.9	27.5	18.3	15.3	12.2	6.1
82.5°	409.8	391.4	324.1	107.0	64.2	36.7	15.3	12.2	9.2	6.1	3.1
85°	201.8	207.9	171.2	33.6	36.7	21.4	3.1	3.1	0.0	0.0	0.0
87.5°	15.3	15.3	12.2	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°	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1
2.5°	3794.8	3837.6	3764.2	3810.1	3788.7	3797.9	3807.0	3782.6	3788.7	3874.3	3877.4
5°	3039.5	3122.1	3091.5	3134.3	3207.7	3171.0	3204.6	3198.5	3204.6	3216.9	3271.9
7.5°	2168.0	2143.6	2201.7	2314.8	2446.3	2525.8	2486.0	2464.6	2452.4	2421.8	2458.5
10°	1636.0	1623.7	1608.4	1642.1	1727.7	1816.4	1865.3	1782.7	1736.9	1678.8	1657.4
12.5°	1357.7	1281.2	1238.4	1186.5	1210.9	1290.4	1293.5	1214.0	1140.6	1110.0	1143.6
15°	1070.3	1018.3	941.8	868.4	831.7	892.9	840.9	764.5	669.7	657.4	654.4
17.5°	764.5	733.9	678.8	648.3	605.5	590.2	535.1	418.9	351.7	333.3	339.4
20°	519.8	495.4	492.3	464.8	446.4	434.2	345.5	269.1	247.7	250.7	253.8
22.5°	385.3	373.1	357.8	354.7	339.4	324.1	253.8	226.3	211.0	211.0	220.2
25°	315.0	308.8	293.6	287.4	281.3	259.9	214.1	192.6	186.5	180.4	189.6
27.5°	269.1	266.0	256.9	247.7	241.6	220.2	186.5	168.2	162.1	162.1	162.1
30°	241.6	241.6	229.3	211.0	211.0	186.5	159.0	146.8	140.7	140.7	137.6
32.5°	226.3	220.2	204.9	192.6	183.5	159.0	140.7	128.4	119.3	119.3	122.3
35°	183.5	183.5	180.4	171.2	159.0	134.5	119.3	107.0	100.9	97.9	100.9
37.5°	162.1	152.9	140.7	143.7	137.6	116.2	100.9	91.7	82.6	82.6	82.6
40°	146.8	137.6	125.4	116.2	113.1	104.0	88.7	73.4	64.2	61.2	61.2
42.5°	131.5	125.4	107.0	91.7	88.7	88.7	67.3	55.0	45.9	45.9	45.9
45°	122.3	113.1	97.9	79.5	64.2	67.3	55.0	39.8	33.6	30.6	30.6
47.5°	116.2	107.0	85.6	67.3	48.9	48.9	39.8	27.5	21.4	18.3	18.3
50°	107.0	97.9	76.4	55.0	36.7	30.6	24.5	15.3	9.2	6.1	6.1
52.5°	100.9	91.7	67.3	45.9	30.6	21.4	15.3	3.1	0.0	0.0	0.0
55°	91.7	79.5	58.1	36.7	24.5	12.2	3.1	0.0	0.0	0.0	0.0
57.5°	79.5	70.3	45.9	27.5	15.3	3.1	0.0	0.0	0.0	0.0	0.0
60°	67.3	58.1	36.7	21.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	55.0	48.9	27.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	45.9	36.7	21.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	39.8	30.6	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	30.6	21.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	21.4	15.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	15.3	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°	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1
2.5°	3889.6	3981.3	4067.0	4091.4	4158.7	4345.2	4345.2	4433.9	4592.9	4651.0	4663.3
5°	3281.1	3378.9	3397.3	3586.9	3675.6	3865.1	3990.5	4290.2	4470.6	4583.7	4654.1
7.5°	2495.2	2528.9	2599.2	2776.5	2950.8	3180.2	3418.7	3800.9	4118.9	4247.4	4485.9
10°	1715.5	1816.4	1969.3	2128.3	2400.4	2654.2	2963.1	3323.9	3715.3	3874.3	4079.2
12.5°	1155.9	1296.5	1541.2	1767.4	2018.2	2275.1	2568.6	3051.8	3495.1	3715.3	3920.2
15°	675.8	847.0	1058.0	1425.0	1758.3	2045.7	2339.3	2828.5	3366.7	3651.1	3901.8
17.5°	342.5	394.5	568.8	886.8	1327.1	1798.0	2235.3	2859.1	3464.6	3813.2	4021.1
20°	256.9	272.2	321.1	470.9	908.2	1486.1	2137.5	2905.0	3736.7	4161.8	4274.9
22.5°	223.2	235.5	256.9	305.8	510.7	1137.5	1999.8	3018.1	4106.7	4507.3	4745.8
25°	189.6	201.8	220.2	250.7	327.2	773.6	1831.7	3137.4	4437.0	4941.5	5164.7
27.5°	165.1	174.3	192.6	217.1	266.0	492.3	1541.2	3296.4	4941.5	5467.5	5525.6
30°	140.7	149.8	165.1	192.6	226.3	348.6	1131.4	3317.8	5219.8	5696.8	5858.9
32.5°	122.3	125.4	143.7	168.2	189.6	275.2	795.0	3339.2	5424.7	5993.4	6027.1
35°	100.9	107.0	125.4	140.7	165.1	217.1	602.4	3232.2	5690.7	6299.2	6290.0
37.5°	82.6	91.7	104.0	116.2	134.5	183.5	480.1	3033.4	6024.0	6773.2	6485.7
40°	64.2	73.4	85.6	100.9	113.1	165.1	360.8	2733.7	6372.6	7005.6	6699.8
42.5°	45.9	52.0	64.2	79.5	100.9	137.6	259.9	2379.0	6510.2	7277.7	6956.7
45°	33.6	39.8	48.9	67.3	104.0	110.1	180.4	2054.9	6657.0	7397.0	6898.6
47.5°	18.3	24.5	36.7	58.1	91.7	82.6	128.4	1764.4	6825.2	7504.0	6944.4
50°	6.1	9.2	21.4	61.2	73.4	64.2	100.9	1608.4	6990.3	7525.4	7036.2
52.5°	0.0	0.0	12.2	64.2	55.0	48.9	88.7	1547.3	6947.5	7592.7	6978.1
55°	0.0	0.0	3.1	27.5	30.6	36.7	73.4	1544.2	7250.2	7614.1	7296.1
57.5°	0.0	0.0	0.0	9.2	18.3	30.6	64.2	1446.4	7442.9	8146.2	7724.2
60°	0.0	0.0	0.0	3.1	12.2	21.4	48.9	1360.8	7638.6	8384.7	8182.9
62.5°	0.0	0.0	0.0	0.0	3.1	9.2	33.6	1229.3	7244.1	8366.3	8626.2
65°	0.0	0.0	0.0	0.0	0.0	0.0	21.4	972.4	6516.3	7929.1	8381.6
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	12.2	672.7	5706.0	7378.6	7932.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	406.7	4605.2	6470.5	6727.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174.3	3287.2	5137.2	5519.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.3	2033.5	3755.1	4226.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	1317.9	2843.8	3207.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	703.3	1782.7	2073.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	305.8	1082.5	1247.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.9	657.4	749.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.9	134.5
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: P599319
 CATALOG NUMBER: IFLD-S-SA3C-827-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1	4336.1
2.5°	4669.4	4758.0	4791.7	4739.7	4745.8	4638.8	4623.5	4473.7	4412.5	4424.7
5°	4883.4	5011.8	5082.2	5024.1	4892.6	4687.7	4501.2	4323.8	4213.7	4158.7
7.5°	4834.5	4978.2	5066.9	5121.9	4972.1	4641.8	4357.5	4024.2	3883.5	3886.6
10°	4565.4	4865.1	5045.5	4975.2	4904.8	4574.6	4134.2	3773.4	3648.0	3660.3
12.5°	4348.3	4681.6	4788.6	4843.7	4699.9	4437.0	4140.4	3727.5	3586.9	3501.3
15°	4213.7	4461.4	4467.5	4553.2	4495.1	4495.1	4204.6	3800.9	3678.6	3583.8
17.5°	4213.7	4268.8	4262.7	4293.2	4391.1	4507.3	4366.6	4097.5	3856.0	3840.7
20°	4308.5	4137.3	4097.5	4109.8	4192.3	4537.9	4724.4	4388.0	4235.1	4186.2
22.5°	4528.7	4152.6	3911.0	3868.2	4122.0	4534.8	4953.7	4846.7	4580.7	4540.9
25°	4831.4	4125.1	3862.1	3807.0	3999.7	4644.9	5268.7	5290.1	5048.5	4966.0
27.5°	5118.9	4247.4	3856.0	3843.7	4097.5	4620.4	5485.8	5644.8	5372.7	5305.4
30°	5216.7	4369.7	3969.1	3807.0	4134.2	4709.1	5479.7	5895.6	5718.2	5733.5
32.5°	5332.9	4492.0	3981.3	3917.1	4290.2	4852.8	5654.0	6299.2	6170.8	5990.4
35°	5504.2	4657.1	4097.5	4039.4	4400.3	4981.3	5690.7	6595.8	6574.4	6363.4
37.5°	5650.9	4819.2	4339.1	4348.3	4736.6	5189.2	5852.8	6959.7	6923.0	6779.3
40°	5754.9	5045.5	4715.2	4739.7	5030.2	5421.6	6140.2	7143.2	7415.3	7204.3
42.5°	5770.2	5247.3	5146.4	5342.1	5614.2	5782.4	6256.4	7268.6	7660.0	7522.4
45°	5828.3	5568.4	5849.7	5993.4	6216.6	6100.4	6250.3	7482.6	7678.3	7608.0
47.5°	6054.6	6152.4	6507.1	6944.4	7023.9	6641.7	6397.1	7516.2	7782.3	7773.1
50°	6290.0	6779.3	7277.7	7568.2	7669.1	7014.8	6534.7	7488.7	7919.9	7846.5
52.5°	6553.0	7323.6	8042.2	8400.0	8344.9	7427.6	6690.6	7711.9	8173.7	8149.2
55°	6718.1	7568.2	8534.5	9032.9	8990.1	7889.3	7186.0	8033.0	8507.0	8445.8
57.5°	7155.4	7965.7	9023.8	9256.2	9369.3	8494.8	7531.5	8559.0	8785.3	8852.5
60°	7516.2	8225.7	9152.2	9488.6	9528.3	8855.6	8137.0	9100.2	9140.0	8913.7
62.5°	8045.3	8326.6	8880.1	9182.8	9387.7	9060.5	8681.3	9390.7	9133.9	9118.6
65°	8433.6	7996.3	8372.4	8540.6	8672.1	8748.6	9228.6	9589.5	9020.7	8724.1
67.5°	8216.5	7372.5	7302.2	7311.4	7351.1	7812.9	9045.2	9103.3	8390.8	8146.2
70°	7231.9	6048.5	5953.7	6027.1	5828.3	6384.8	8302.1	8274.6	7403.1	7149.3
72.5°	5849.7	4409.4	4247.4	4348.3	4394.2	4984.3	6984.2	6274.7	5400.2	5201.4
75°	4648.0	3232.2	2727.6	2972.2	3128.2	3629.7	5455.2	4262.7	3770.4	3501.3
77.5°	3651.1	2446.3	2122.2	2024.3	2168.0	2638.9	3969.1	2238.4	1975.4	1850.0
80°	2314.8	1798.0	1950.9	1810.3	1871.4	1883.6	2067.1	1018.3	810.3	801.2
82.5°	1394.4	1229.3	1461.7	804.2	1464.7	1308.8	859.3	461.7	409.8	409.8
85°	987.7	761.4	504.5	327.2	651.3	718.6	333.3	238.5	207.9	201.8
87.5°	495.4	235.5	113.1	73.4	82.6	134.5	39.8	18.3	18.3	15.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)