

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: P599460

Luminaire Tested: **IFLD-S-SA2D-735-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: P599460
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

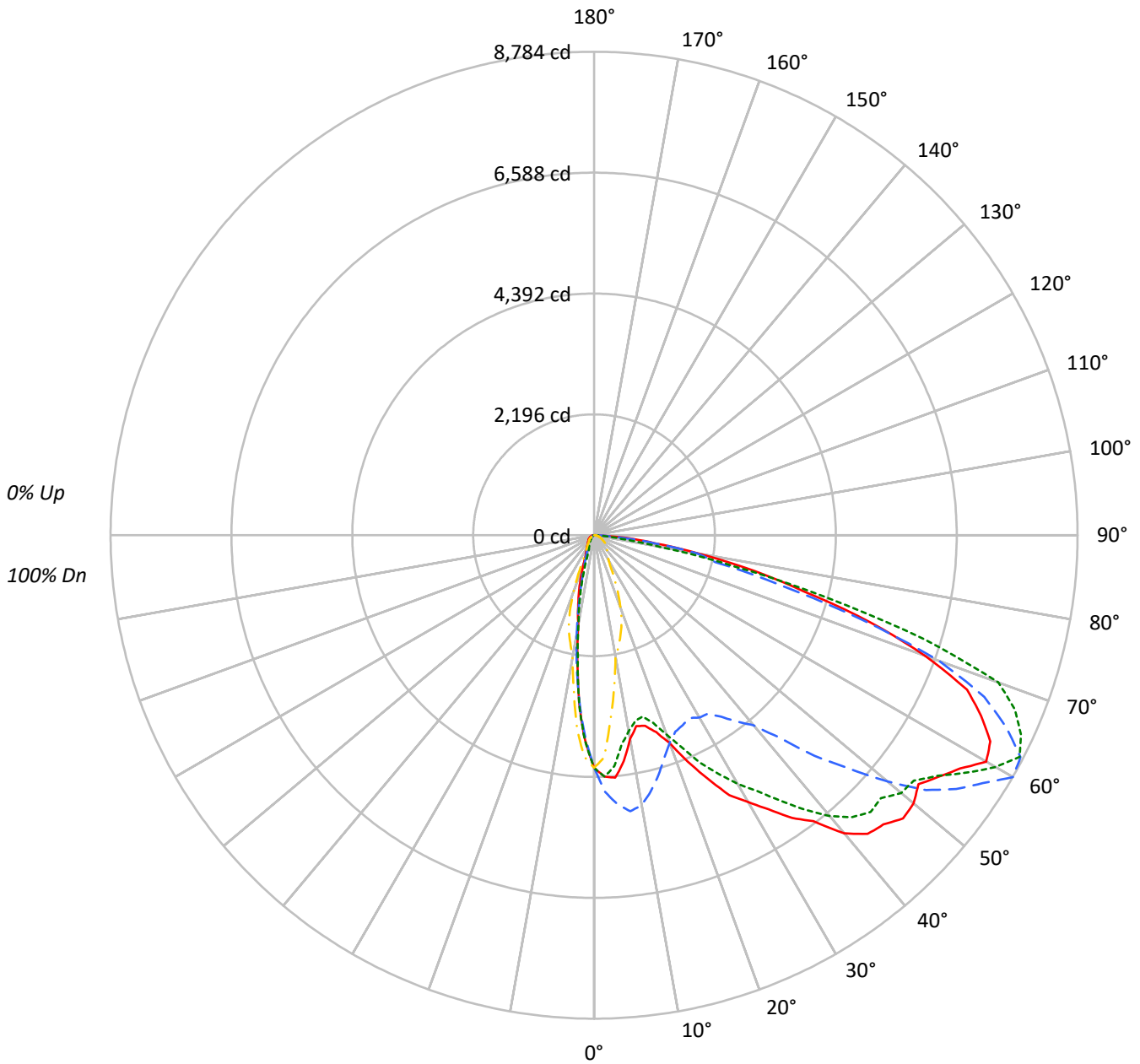
Lumens per Lamp: N/A
 Luminaire Lumens: 11234.8 lumens
 Efficiency: N/A
 Efficacy: 90.7 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 Input Voltage (V): 120
 Input Current (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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	90938	90938	90938	90938
5°	95564	90961	66455	66844
10°	82176	79028	36333	35481
15°	79904	75959	23604	17785
20°	92101	88252	12646	6323
25°	115805	108320	8195	4917
30°	139089	129618	6637	4027
35°	164709	154538	5440	3233
40°	198725	187087	4806	2445
45°	226249	216384	4475	1644
50°	253811	243964	4421	1005
55°	287027	286014	4391	450
60°	354193	362589	4004	129
65°	395207	435856	3668	0
70°	402981	491926	3399	0
75°	327901	362835	3244	0
80°	238414	151756	3347	0
85°	154131	63727	4446	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	320.9	2.9
10°-20°	629.3	5.6
20°-30°	870.8	7.8
30°-40°	1230.7	11.0
40°-50°	1675.6	14.9
50°-60°	2219.3	19.8
60°-70°	2576.8	22.9
70°-80°	1459.2	13.0
80°-90°	252.1	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°	1821.0	16.2
0°-40°	3051.8	27.2
0°-60°	6946.7	61.8
0°-90°	11234.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11234.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4224	4224	4224	4224	4224	
5°	4422	4209	3075	3093	4422	397
15°	3585	3408	1059	798	3585	1052
25°	4875	4560	345	207	4875	2274
35°	6267	5880	207	123	6267	3951
45°	7431	7107	147	54	7431	5761
55°	7647	7620	117	12	7647	6929
65°	7758	8556	72	0	7758	7563
75°	3942	4362	39	0	3942	4303
85°	624	258	18	0	624	750
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2
2.5°	4389.2	4482.2	4485.2	4527.2	4569.2	4569.2	4668.2	4644.2	4557.2	4542.2	4479.2
5°	4422.2	4455.2	4479.2	4692.2	4872.2	4854.2	4908.3	4872.2	4704.2	4488.2	4341.2
7.5°	4137.2	4173.2	4269.2	4632.2	4875.3	4956.3	5058.3	4833.2	4656.2	4266.2	3984.2
10°	3759.2	3828.2	4005.2	4419.2	4719.2	4977.3	4977.3	4797.2	4455.2	4074.2	3729.2
12.5°	3549.2	3687.2	3783.2	4203.2	4593.2	4770.2	4764.2	4668.2	4446.2	3966.2	3576.2
15°	3585.2	3624.2	3828.2	4155.2	4413.2	4404.2	4512.2	4482.2	4326.2	4062.2	3633.2
17.5°	3750.2	3810.2	3987.2	4155.2	4278.2	4242.2	4239.2	4383.2	4392.2	4224.2	3846.2
20°	4020.2	4197.2	4281.2	4332.2	4182.2	4029.2	4011.2	4212.2	4368.2	4431.2	4101.2
22.5°	4452.2	4569.2	4740.2	4479.2	4089.2	3897.2	3861.2	4083.2	4398.2	4677.2	4431.2
25°	4875.3	4965.3	5130.3	4794.2	4194.2	3870.2	3807.2	3999.2	4512.2	5019.3	4830.2
27.5°	5322.3	5400.3	5418.3	5025.3	4251.2	3816.2	3741.2	3999.2	4608.2	5199.3	5307.3
30°	5595.3	5688.3	5706.3	5229.3	4344.2	3861.2	3825.2	4017.2	4674.2	5352.3	5649.3
32.5°	5901.3	5925.3	5910.3	5265.3	4446.2	3993.2	3843.2	4137.2	4749.2	5535.3	5961.3
35°	6267.3	6309.3	6156.3	5430.3	4674.2	4077.2	4023.2	4284.2	4878.3	5619.3	6339.3
37.5°	6546.3	6678.3	6333.3	5493.3	4719.2	4254.2	4263.2	4590.2	4968.3	5721.3	6756.3
40°	7071.4	6849.4	6633.3	5709.3	4890.3	4554.2	4506.2	4905.3	5271.3	5787.3	7029.4
42.5°	7359.4	7242.4	6750.3	5730.3	5154.3	4968.3	4980.3	5262.3	5430.3	5973.3	7104.4
45°	7431.4	7308.4	6909.4	5745.3	5415.3	5457.3	5664.3	5718.3	5664.3	6096.3	7245.4
47.5°	7614.4	7347.4	6891.4	5946.3	5838.3	6000.3	6264.3	6381.3	5982.3	6051.3	7311.4
50°	7578.4	7425.4	6852.4	6030.3	6354.3	6783.3	6960.4	6912.4	6336.3	5958.3	7239.4
52.5°	7428.4	7263.4	6972.4	6258.3	6837.4	7356.4	7602.4	7482.4	6651.3	6168.3	7191.4
55°	7647.4	7521.4	7128.4	6567.3	7200.4	7860.4	8034.4	7944.4	7038.4	6363.3	7464.4
57.5°	7884.4	7857.4	7551.4	6930.4	7629.4	8379.4	8379.4	8268.4	7374.4	6645.3	7869.4
60°	8226.4	8286.4	7863.4	7170.4	7776.4	8349.4	8784.5	8655.4	7713.4	7140.4	8328.4
62.5°	8115.4	8307.4	8265.4	7686.4	7944.4	8496.4	8733.4	8829.5	8133.4	7743.4	8940.5
65°	7758.4	7962.4	8262.4	8025.4	7818.4	8139.4	8259.4	8550.4	8343.4	8310.4	9192.5
67.5°	7332.4	7554.4	7740.4	8253.4	7563.4	7776.4	7671.4	7764.4	8115.4	8931.5	9336.5
70°	6402.3	6615.3	6909.4	7746.4	6888.4	6696.3	6669.3	6624.3	7170.4	8709.4	8682.4
72.5°	5265.3	5364.3	5850.3	6297.3	5097.3	5061.3	5103.3	5052.3	5685.3	7884.4	7437.4
75°	3942.2	4041.2	4317.2	4836.2	3471.2	3264.2	3504.2	3741.2	4341.2	6120.3	5343.3
77.5°	2964.2	3090.2	3264.2	3618.2	2547.1	2223.1	2256.1	2481.1	3138.2	4902.3	2994.2
80°	1923.1	1908.1	2244.1	2490.1	1917.1	1977.1	1893.1	2058.1	2274.1	2622.1	1530.1
82.5°	1110.1	1125.1	1266.1	1428.1	1335.1	1527.1	1101.1	1839.1	1623.1	1068.1	570.0
85°	624.0	651.0	780.0	990.1	837.0	561.0	459.0	912.0	1020.1	438.0	276.0
87.5°	63.0	54.0	105.0	375.0	228.0	93.0	138.0	219.0	246.0	165.0	81.0
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°	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2
2.5°	4389.2	4389.2	4314.2	4188.2	4137.2	4047.2	3924.2	3963.2	3921.2	3768.2	3729.2
5°	4209.2	4065.2	3909.2	3717.2	3606.2	3378.2	3306.2	3177.2	3198.2	3069.2	3075.2
7.5°	3834.2	3720.2	3456.2	3204.2	2985.2	2787.1	2508.1	2403.1	2301.1	2250.1	2310.1
10°	3615.2	3402.2	3042.2	2712.1	2421.1	2244.1	2058.1	1914.1	1782.1	1683.1	1662.1
12.5°	3456.2	3267.2	2832.1	2430.1	2202.1	2058.1	1887.1	1689.1	1560.1	1389.1	1338.1
15°	3408.2	3177.2	2718.1	2319.1	2097.1	1860.1	1665.1	1470.1	1302.1	1122.1	1059.1
17.5°	3573.2	3306.2	2715.1	2229.1	1917.1	1662.1	1392.1	1173.1	1002.1	837.0	798.0
20°	3852.2	3444.2	2802.1	2175.1	1746.1	1404.1	1098.1	879.0	687.0	579.0	552.0
22.5°	4170.2	3678.2	2811.1	2031.1	1575.1	1146.1	801.0	579.0	471.0	420.0	405.0
25°	4560.2	4053.2	2919.1	1914.1	1374.1	870.0	570.0	444.0	381.0	351.0	345.0
27.5°	4881.3	4314.2	3036.2	1791.1	1176.1	645.0	447.0	363.0	330.0	300.0	297.0
30°	5214.3	4614.2	3069.2	1716.1	1005.1	531.0	384.0	321.0	285.0	270.0	267.0
32.5°	5505.3	4941.3	3174.2	1593.1	843.0	468.0	348.0	288.0	264.0	240.0	237.0
35°	5880.3	5130.3	3225.2	1527.1	783.0	423.0	318.0	264.0	228.0	213.0	207.0
37.5°	6282.3	5313.3	3258.2	1476.1	732.0	396.0	300.0	249.0	216.0	195.0	189.0
40°	6657.3	5571.3	3210.2	1413.1	693.0	363.0	288.0	231.0	201.0	180.0	171.0
42.5°	6945.4	5823.3	3195.2	1353.1	651.0	351.0	273.0	222.0	189.0	165.0	162.0
45°	7107.4	5994.3	3090.2	1305.1	618.0	357.0	267.0	210.0	180.0	159.0	147.0
47.5°	7068.4	6126.3	3117.2	1290.1	573.0	333.0	264.0	201.0	165.0	147.0	138.0
50°	7284.4	6393.3	3072.2	1242.1	540.0	300.0	288.0	201.0	162.0	141.0	132.0
52.5°	7320.4	6636.3	3168.2	1155.1	489.0	276.0	285.0	198.0	156.0	135.0	123.0
55°	7620.4	6918.4	3354.2	1107.1	447.0	240.0	261.0	192.0	141.0	123.0	117.0
57.5°	8028.4	7503.4	3474.2	1062.1	390.0	210.0	219.0	189.0	129.0	114.0	105.0
60°	8421.4	7737.4	3483.2	981.1	336.0	189.0	171.0	189.0	120.0	102.0	93.0
62.5°	8715.4	7737.4	3423.2	912.0	294.0	168.0	150.0	180.0	108.0	90.0	84.0
65°	8556.4	7530.4	3267.2	855.0	267.0	147.0	129.0	138.0	96.0	78.0	72.0
67.5°	8271.4	6885.4	2922.1	786.0	264.0	129.0	111.0	102.0	84.0	69.0	63.0
70°	7815.4	6015.3	2433.1	708.0	258.0	117.0	99.0	87.0	75.0	60.0	54.0
72.5°	6297.3	4968.3	1998.1	663.0	252.0	102.0	84.0	75.0	63.0	51.0	45.0
75°	4362.2	3174.2	1539.1	567.0	246.0	93.0	78.0	66.0	54.0	42.0	39.0
77.5°	2616.1	2121.1	993.1	426.0	162.0	75.0	66.0	51.0	45.0	36.0	33.0
80°	1224.1	1002.1	402.0	165.0	78.0	54.0	45.0	39.0	36.0	30.0	27.0
82.5°	480.0	423.0	195.0	96.0	63.0	42.0	36.0	33.0	30.0	24.0	21.0
85°	258.0	228.0	93.0	66.0	45.0	30.0	30.0	27.0	24.0	21.0	18.0
87.5°	57.0	42.0	39.0	39.0	33.0	24.0	24.0	21.0	18.0	15.0	12.0
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°	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2
2.5°	3708.2	3753.2	3681.2	3726.2	3663.2	3711.2	3717.2	3672.2	3684.2	3744.2	3771.2
5°	3159.2	3129.2	3063.2	3042.2	3045.2	3006.2	3021.2	3042.2	3075.2	3093.2	3147.2
7.5°	2277.1	2346.1	2343.1	2394.1	2397.1	2391.1	2349.1	2259.1	2289.1	2265.1	2295.1
10°	1629.1	1659.1	1716.1	1749.1	1809.1	1776.1	1680.1	1644.1	1626.1	1623.1	1653.1
12.5°	1302.1	1230.1	1224.1	1236.1	1266.1	1227.1	1179.1	1137.1	1158.1	1200.1	1233.1
15°	1008.1	948.0	870.0	858.0	864.0	846.0	795.0	741.0	756.0	798.0	822.0
17.5°	774.0	705.0	651.0	615.0	603.0	540.0	465.0	420.0	408.0	405.0	426.0
20°	522.0	510.0	501.0	456.0	456.0	366.0	303.0	270.0	270.0	276.0	279.0
22.5°	390.0	375.0	378.0	369.0	345.0	273.0	240.0	231.0	231.0	237.0	237.0
25°	339.0	318.0	312.0	309.0	285.0	234.0	210.0	201.0	201.0	207.0	207.0
27.5°	288.0	282.0	273.0	261.0	240.0	201.0	186.0	177.0	180.0	183.0	180.0
30°	264.0	249.0	237.0	237.0	213.0	180.0	168.0	162.0	156.0	162.0	165.0
32.5°	234.0	225.0	219.0	210.0	183.0	159.0	147.0	141.0	138.0	138.0	141.0
35°	201.0	201.0	195.0	183.0	159.0	144.0	129.0	123.0	120.0	123.0	123.0
37.5°	180.0	171.0	174.0	162.0	141.0	126.0	111.0	105.0	105.0	102.0	105.0
40°	168.0	153.0	144.0	138.0	126.0	108.0	96.0	90.0	87.0	87.0	87.0
42.5°	150.0	138.0	120.0	117.0	114.0	93.0	78.0	75.0	72.0	69.0	69.0
45°	141.0	123.0	108.0	93.0	93.0	78.0	66.0	60.0	57.0	54.0	57.0
47.5°	129.0	111.0	93.0	78.0	75.0	63.0	51.0	45.0	42.0	42.0	42.0
50°	123.0	99.0	81.0	66.0	57.0	51.0	39.0	33.0	30.0	30.0	30.0
52.5°	114.0	93.0	72.0	57.0	45.0	39.0	30.0	24.0	21.0	21.0	21.0
55°	102.0	84.0	63.0	48.0	39.0	30.0	21.0	15.0	12.0	12.0	12.0
57.5°	96.0	75.0	54.0	42.0	30.0	21.0	12.0	9.0	9.0	6.0	9.0
60°	87.0	66.0	45.0	33.0	24.0	15.0	9.0	3.0	3.0	3.0	3.0
62.5°	75.0	57.0	39.0	27.0	18.0	9.0	3.0	0.0	0.0	0.0	0.0
65°	63.0	45.0	30.0	21.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0
67.5°	54.0	39.0	24.0	15.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	48.0	33.0	18.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	39.0	27.0	15.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	33.0	21.0	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	27.0	15.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	21.0	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.0	3.0	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

TEST NUMBER: P599460
 CATALOG NUMBER: IFLD-S-SA2D-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2	4224.2
2.5°	3810.2	3792.2	3882.2	4029.2	4104.2	4251.2	4287.2	4380.2	4356.2	4389.2
5°	3153.2	3189.2	3321.2	3537.2	3615.2	3828.2	4029.2	4230.2	4359.2	4422.2
7.5°	2340.1	2460.1	2622.1	2820.1	3021.2	3300.2	3642.2	3876.2	4002.2	4137.2
10°	1743.1	1872.1	2058.1	2253.1	2580.1	2892.1	3234.2	3525.2	3633.2	3759.2
12.5°	1371.1	1572.1	1788.1	1998.1	2193.1	2490.1	2913.1	3336.2	3453.2	3549.2
15°	954.0	1200.1	1509.1	1782.1	2055.1	2313.1	2751.1	3264.2	3423.2	3585.2
17.5°	528.0	723.0	1077.1	1461.1	1863.1	2259.1	2805.1	3396.2	3636.2	3750.2
20°	306.0	384.0	636.0	1092.1	1623.1	2142.1	2832.1	3645.2	3963.2	4020.2
22.5°	252.0	279.0	360.0	684.0	1329.1	2067.1	2970.2	3993.2	4317.2	4452.2
25°	216.0	237.0	279.0	411.0	1005.1	1908.1	3057.2	4428.2	4728.2	4875.3
27.5°	192.0	213.0	246.0	303.0	684.0	1689.1	3201.2	4821.2	5121.3	5322.3
30°	168.0	186.0	219.0	258.0	474.0	1443.1	3324.2	5109.3	5532.3	5595.3
32.5°	150.0	165.0	189.0	222.0	351.0	1095.1	3423.2	5406.3	5763.3	5901.3
35°	129.0	147.0	162.0	189.0	267.0	825.0	3363.2	5637.3	6102.3	6267.3
37.5°	114.0	126.0	141.0	159.0	225.0	645.0	3240.2	5913.3	6393.3	6546.3
40°	96.0	105.0	123.0	141.0	204.0	498.0	3099.2	6246.3	6801.3	7071.4
42.5°	81.0	90.0	102.0	132.0	168.0	369.0	2814.1	6504.3	7131.4	7359.4
45°	63.0	75.0	93.0	132.0	135.0	273.0	2520.1	6696.3	7317.4	7431.4
47.5°	48.0	60.0	90.0	114.0	108.0	189.0	2172.1	6915.4	7509.4	7614.4
50°	36.0	48.0	102.0	99.0	90.0	144.0	1953.1	7068.4	7521.4	7578.4
52.5°	24.0	36.0	84.0	75.0	75.0	126.0	1893.1	7062.4	7551.4	7428.4
55°	18.0	27.0	48.0	54.0	66.0	111.0	1839.1	7287.4	7560.4	7647.4
57.5°	12.0	21.0	33.0	42.0	57.0	96.0	1728.1	7557.4	7839.4	7884.4
60°	6.0	15.0	24.0	33.0	48.0	84.0	1572.1	7755.4	8178.4	8226.4
62.5°	3.0	9.0	18.0	27.0	39.0	66.0	1410.1	7440.4	8031.4	8115.4
65°	0.0	6.0	12.0	18.0	24.0	48.0	1146.1	6717.3	7449.4	7758.4
67.5°	0.0	0.0	6.0	12.0	15.0	36.0	864.0	6111.3	6912.4	7332.4
70°	0.0	0.0	3.0	3.0	9.0	27.0	552.0	5061.3	6171.3	6402.3
72.5°	0.0	0.0	0.0	0.0	3.0	18.0	321.0	3759.2	4836.2	5265.3
75°	0.0	0.0	0.0	0.0	0.0	15.0	162.0	2418.1	3366.2	3942.2
77.5°	0.0	0.0	0.0	0.0	0.0	12.0	87.0	1560.1	2481.1	2964.2
80°	0.0	0.0	0.0	0.0	0.0	3.0	51.0	906.0	1587.1	1923.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	21.0	444.0	948.0	1110.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.0	237.0	474.0	624.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	33.0	63.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)