

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: P599454

Luminaire Tested: **IFLD-L-SA8B-730-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: P599454  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8B-730-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (128) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

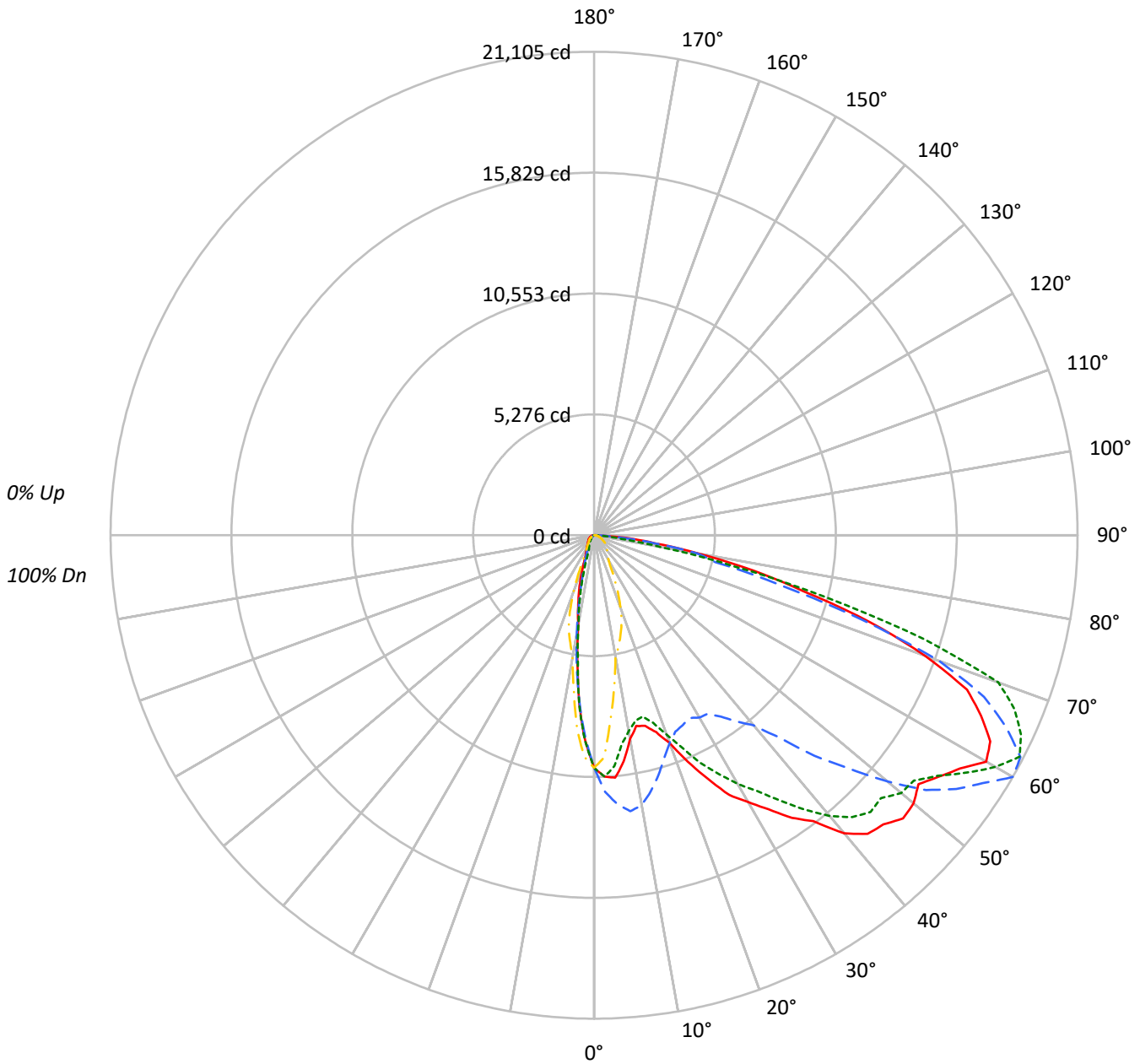
Lumens per Lamp: N/A  
 Luminaire Lumens: 26992.4 lumens  
 Efficiency: N/A  
 Efficacy: 84.4 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 320  
 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				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°	54621	54621	54621	54621
5°	57400	54635	39915	40149
10°	49358	47467	21823	21311
15°	47993	45624	14177	10683
20°	55319	53008	7596	3798
25°	69556	65062	4922	2954
30°	83543	77853	3987	2419
35°	98931	92822	3268	1941
40°	119362	112373	2887	1468
45°	135894	129969	2688	987
50°	152449	146535	2656	604
55°	172400	171792	2638	270
60°	212743	217787	2406	78
65°	237378	261794	2203	0
70°	242048	295471	2041	0
75°	196951	217935	1948	0
80°	143202	91149	2011	0
85°	92583	38279	2668	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	771.0	2.9
10°-20°	1511.9	5.6
20°-30°	2092.2	7.8
30°-40°	2956.9	11.0
40°-50°	4025.9	14.9
50°-60°	5332.0	19.8
60°-70°	6190.8	22.9
70°-80°	3505.9	13.0
80°-90°	605.8	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°	4375.2	16.2
0°-40°	7332.1	27.2
0°-60°	16689.9	61.8
0°-90°	26992.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26992.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	10149	10149	10149	10149	10149	
5°	10625	10113	7388	7432	10625	954
15°	8614	8188	2544	1917	8614	2526
25°	11713	10956	829	497	11713	5463
35°	15058	14128	497	296	15058	9492
45°	17854	17076	353	130	17854	13842
55°	18373	18308	281	29	18373	16646
65°	18640	20557	173	0	18640	18171
75°	9471	10480	94	0	9471	10337
85°	1499	620	43	0	1499	1801
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°	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0
2.5°	10545.4	10768.9	10776.1	10877.0	10977.9	10977.9	11215.8	11158.1	10949.1	10913.0	10761.6
5°	10624.7	10704.0	10761.6	11273.4	11705.9	11662.7	11792.4	11705.9	11302.3	10783.3	10430.1
7.5°	9939.9	10026.4	10257.1	11129.3	11713.1	11907.7	12152.8	11612.2	11186.9	10249.9	9572.3
10°	9031.7	9197.5	9622.8	10617.5	11338.3	11958.2	11958.2	11525.7	10704.0	9788.6	8959.6
12.5°	8527.1	8858.7	9089.4	10098.5	11035.6	11460.8	11446.4	11215.8	10682.4	9529.1	8592.0
15°	8613.6	8707.3	9197.5	9983.2	10603.1	10581.4	10840.9	10768.9	10394.0	9759.7	8729.0
17.5°	9010.1	9154.2	9579.5	9983.2	10278.7	10192.2	10185.0	10531.0	10552.6	10149.0	9240.7
20°	9658.8	10084.1	10285.9	10408.5	10048.0	9680.4	9637.2	10120.1	10494.9	10646.3	9853.4
22.5°	10696.8	10977.9	11388.8	10761.6	9824.6	9363.3	9276.8	9810.2	10567.0	11237.4	10646.3
25°	11713.1	11929.4	12325.8	11518.5	10076.9	9298.4	9147.0	9608.4	10840.9	12059.1	11605.0
27.5°	12787.1	12974.5	13017.8	12073.5	10213.8	9168.7	8988.5	9608.4	11071.6	12491.6	12751.1
30°	13443.1	13666.5	13709.7	12563.7	10437.3	9276.8	9190.3	9651.6	11230.2	12859.2	13572.8
32.5°	14178.3	14235.9	14199.9	12650.2	10682.4	9593.9	9233.5	9939.9	11410.4	13298.9	14322.4
35°	15057.7	15158.6	14791.0	13046.6	11230.2	9795.8	9666.0	10293.1	11720.3	13500.7	15230.7
37.5°	15728.0	16045.2	15216.2	13198.0	11338.3	10221.0	10242.7	11028.3	11936.6	13745.8	16232.6
40°	16989.4	16456.0	15937.0	13717.0	11749.2	10941.9	10826.5	11785.2	12664.6	13904.4	16888.5
42.5°	17681.4	17400.3	16218.2	13767.4	12383.5	11936.6	11965.4	12643.0	13046.6	14351.3	17068.7
45°	17854.4	17558.9	16600.2	13803.5	13010.6	13111.5	13608.8	13738.6	13608.8	14646.8	17407.5
47.5°	18294.1	17652.6	16556.9	14286.4	14026.9	14416.1	15050.4	15331.6	14372.9	14538.7	17566.1
50°	18207.6	17840.0	16463.2	14488.2	15266.7	16297.4	16722.7	16607.4	15223.4	14315.2	17393.1
52.5°	17847.2	17450.7	16751.6	15036.0	16427.2	17674.2	18265.2	17976.9	15980.3	14819.8	17277.7
55°	18373.4	18070.6	17126.4	15778.5	17299.4	18885.1	19303.2	19087.0	16910.1	15288.3	17933.7
57.5°	18942.8	18877.9	18142.7	16650.6	18330.1	20132.1	20132.1	19865.4	17717.4	15965.9	18906.8
60°	19764.5	19908.7	18892.4	17227.3	18683.3	20060.1	21105.2	20795.3	18531.9	17155.2	20009.6
62.5°	19497.8	19959.1	19858.2	18467.1	19087.0	20413.3	20982.7	21213.3	19541.1	18604.0	21480.0
65°	18640.1	19130.2	19851.0	19281.6	18784.2	19555.5	19843.8	20543.0	20045.6	19966.4	22085.5
67.5°	17616.5	18149.9	18596.8	19829.4	18171.5	18683.3	18431.0	18654.5	19497.8	21458.4	22431.5
70°	15382.0	15893.8	16600.2	18611.2	16549.7	16088.4	16023.5	15915.4	17227.3	20925.0	20860.2
72.5°	12650.2	12888.0	14055.7	15129.7	12246.5	12160.0	12260.9	12138.4	13659.3	18942.8	17868.8
75°	9471.4	9709.3	10372.4	11619.4	8339.7	7842.4	8419.0	8988.5	10430.1	14704.5	12837.6
77.5°	7121.6	7424.3	7842.4	8692.9	6119.7	5341.2	5420.5	5961.1	7539.6	11778.0	7193.7
80°	4620.4	4584.3	5391.6	5982.7	4606.0	4750.1	4548.3	4944.7	5463.7	6299.9	3676.1
82.5°	2667.0	2703.0	3041.8	3431.0	3207.6	3668.9	2645.4	4418.5	3899.6	2566.1	1369.5
85°	1499.3	1564.2	1874.1	2378.7	2011.1	1347.9	1102.8	2191.3	2450.7	1052.4	663.1
87.5°	151.4	129.7	252.3	901.0	547.8	223.5	331.6	526.2	591.1	396.4	194.6
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°	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0
2.5°	10545.4	10545.4	10365.2	10062.5	9939.9	9723.7	9428.2	9521.9	9420.9	9053.3	8959.6
5°	10112.9	9766.9	9392.1	8930.8	8664.1	8116.3	7943.3	7633.3	7683.8	7373.9	7388.3
7.5°	9211.9	8938.0	8303.7	7698.2	7172.0	6696.3	6025.9	5773.7	5528.6	5406.1	5550.2
10°	8685.7	8174.0	7309.0	6516.1	5816.9	5391.6	4944.7	4598.7	4281.6	4043.7	3993.3
12.5°	8303.7	7849.6	6804.4	5838.5	5290.7	4944.7	4533.9	4058.1	3748.2	3337.3	3214.8
15°	8188.4	7633.3	6530.5	5571.8	5038.4	4469.0	4000.5	3532.0	3128.3	2695.8	2544.4
17.5°	8584.8	7943.3	6523.3	5355.6	4606.0	3993.3	3344.5	2818.4	2407.5	2011.1	1917.3
20°	9255.2	8274.9	6732.3	5225.9	4195.1	3373.4	2638.2	2112.0	1650.6	1391.2	1326.3
22.5°	10019.2	8837.1	6754.0	4879.9	3784.2	2753.5	1924.6	1391.2	1131.7	1009.1	973.1
25°	10956.3	9738.1	7013.5	4598.7	3301.3	2090.3	1369.5	1066.8	915.4	843.3	828.9
27.5°	11727.5	10365.2	7294.6	4303.2	2825.6	1549.7	1074.0	872.2	792.9	720.8	713.6
30°	12527.6	11086.0	7373.9	4123.0	2414.7	1275.8	922.6	771.3	684.8	648.7	641.5
32.5°	13226.8	11871.7	7626.1	3827.5	2025.5	1124.5	836.1	692.0	634.3	576.6	569.4
35°	14127.8	12325.8	7748.7	3668.9	1881.3	1016.3	764.1	634.3	547.8	511.8	497.4
37.5°	15093.7	12765.5	7828.0	3546.4	1758.8	951.5	720.8	598.3	519.0	468.5	454.1
40°	15994.7	13385.4	7712.6	3395.0	1665.1	872.2	692.0	555.0	482.9	432.5	410.9
42.5°	16686.7	13990.9	7676.6	3250.8	1564.2	843.3	655.9	533.4	454.1	396.4	389.2
45°	17075.9	14401.7	7424.3	3135.5	1484.9	857.8	641.5	504.6	432.5	382.0	353.2
47.5°	16982.2	14718.9	7489.2	3099.5	1376.7	800.1	634.3	482.9	396.4	353.2	331.6
50°	17501.2	15360.4	7381.1	2984.1	1297.5	720.8	692.0	482.9	389.2	338.8	317.2
52.5°	17587.7	15944.3	7611.7	2775.1	1174.9	663.1	684.8	475.7	374.8	324.4	295.5
55°	18308.5	16621.8	8058.6	2659.8	1074.0	576.6	627.1	461.3	338.8	295.5	281.1
57.5°	19288.8	18027.4	8346.9	2551.7	937.0	504.6	526.2	454.1	309.9	273.9	252.3
60°	20233.1	18589.6	8368.6	2357.0	807.3	454.1	410.9	454.1	288.3	245.1	223.5
62.5°	20939.4	18589.6	8224.4	2191.3	706.4	403.7	360.4	432.5	259.5	216.2	201.8
65°	20557.4	18092.3	7849.6	2054.3	641.5	353.2	309.9	331.6	230.7	187.4	173.0
67.5°	19872.6	16542.5	7020.7	1888.5	634.3	309.9	266.7	245.1	201.8	165.8	151.4
70°	18777.0	14452.2	5845.7	1701.1	619.9	281.1	237.9	209.0	180.2	144.2	129.7
72.5°	15129.7	11936.6	4800.6	1593.0	605.5	245.1	201.8	180.2	151.4	122.5	108.1
75°	10480.5	7626.1	3697.7	1362.3	591.1	223.5	187.4	158.6	129.7	100.9	93.7
77.5°	6285.4	5096.1	2385.9	1023.5	389.2	180.2	158.6	122.5	108.1	86.5	79.3
80°	2940.9	2407.5	965.9	396.4	187.4	129.7	108.1	93.7	86.5	72.1	64.9
82.5°	1153.3	1016.3	468.5	230.7	151.4	100.9	86.5	79.3	72.1	57.7	50.5
85°	619.9	547.8	223.5	158.6	108.1	72.1	72.1	64.9	57.7	50.5	43.2
87.5°	137.0	100.9	93.7	93.7	79.3	57.7	57.7	50.5	43.2	36.0	28.8
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°	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0
2.5°	8909.2	9017.3	8844.3	8952.4	8801.1	8916.4	8930.8	8822.7	8851.5	8995.7	9060.5
5°	7590.1	7518.0	7359.4	7309.0	7316.2	7222.5	7258.5	7309.0	7388.3	7431.5	7561.3
7.5°	5470.9	5636.7	5629.5	5752.0	5759.2	5744.8	5643.9	5427.7	5499.8	5442.1	5514.2
10°	3914.0	3986.1	4123.0	4202.3	4346.5	4267.2	4036.5	3950.0	3906.8	3899.6	3971.6
12.5°	3128.3	2955.3	2940.9	2969.7	3041.8	2948.1	2832.8	2731.9	2782.3	2883.2	2962.5
15°	2421.9	2277.8	2090.3	2061.5	2075.9	2032.7	1910.1	1780.4	1816.4	1917.3	1975.0
17.5°	1859.7	1693.9	1564.2	1477.7	1448.8	1297.5	1117.3	1009.1	980.3	973.1	1023.5
20°	1254.2	1225.4	1203.7	1095.6	1095.6	879.4	728.0	648.7	648.7	663.1	670.4
22.5°	937.0	901.0	908.2	886.6	828.9	655.9	576.6	555.0	555.0	569.4	569.4
25°	814.5	764.1	749.6	742.4	684.8	562.2	504.6	482.9	482.9	497.4	497.4
27.5°	692.0	677.6	655.9	627.1	576.6	482.9	446.9	425.3	432.5	439.7	432.5
30°	634.3	598.3	569.4	569.4	511.8	432.5	403.7	389.2	374.8	389.2	396.4
32.5°	562.2	540.6	526.2	504.6	439.7	382.0	353.2	338.8	331.6	331.6	338.8
35°	482.9	482.9	468.5	439.7	382.0	346.0	309.9	295.5	288.3	295.5	295.5
37.5°	432.5	410.9	418.1	389.2	338.8	302.7	266.7	252.3	252.3	245.1	252.3
40°	403.7	367.6	346.0	331.6	302.7	259.5	230.7	216.2	209.0	209.0	209.0
42.5°	360.4	331.6	288.3	281.1	273.9	223.5	187.4	180.2	173.0	165.8	165.8
45°	338.8	295.5	259.5	223.5	223.5	187.4	158.6	144.2	137.0	129.7	137.0
47.5°	309.9	266.7	223.5	187.4	180.2	151.4	122.5	108.1	100.9	100.9	100.9
50°	295.5	237.9	194.6	158.6	137.0	122.5	93.7	79.3	72.1	72.1	72.1
52.5°	273.9	223.5	173.0	137.0	108.1	93.7	72.1	57.7	50.5	50.5	50.5
55°	245.1	201.8	151.4	115.3	93.7	72.1	50.5	36.0	28.8	28.8	28.8
57.5°	230.7	180.2	129.7	100.9	72.1	50.5	28.8	21.6	21.6	14.4	21.6
60°	209.0	158.6	108.1	79.3	57.7	36.0	21.6	7.2	7.2	7.2	7.2
62.5°	180.2	137.0	93.7	64.9	43.2	21.6	7.2	0.0	0.0	0.0	0.0
65°	151.4	108.1	72.1	50.5	28.8	7.2	0.0	0.0	0.0	0.0	0.0
67.5°	129.7	93.7	57.7	36.0	21.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	115.3	79.3	43.2	28.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	93.7	64.9	36.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	79.3	50.5	21.6	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	64.9	36.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.5	28.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	43.2	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	28.8	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.6	7.2	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: P599454  
 CATALOG NUMBER: IFLD-L-SA8B-730-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0	10149.0
2.5°	9154.2	9111.0	9327.2	9680.4	9860.6	10213.8	10300.3	10523.8	10466.1	10545.4
5°	7575.7	7662.2	7979.3	8498.3	8685.7	9197.5	9680.4	10163.4	10473.3	10624.7
7.5°	5622.3	5910.6	6299.9	6775.6	7258.5	7928.9	8750.6	9312.8	9615.6	9939.9
10°	4187.9	4497.8	4944.7	5413.3	6198.9	6948.6	7770.3	8469.5	8729.0	9031.7
12.5°	3294.1	3777.0	4296.0	4800.6	5269.1	5982.7	6999.0	8015.4	8296.5	8527.1
15°	2292.2	2883.2	3625.7	4281.6	4937.5	5557.4	6609.8	7842.4	8224.4	8613.6
17.5°	1268.6	1737.1	2587.7	3510.3	4476.2	5427.7	6739.5	8159.5	8736.2	9010.1
20°	735.2	922.6	1528.1	2623.7	3899.6	5146.6	6804.4	8757.8	9521.9	9658.8
22.5°	605.5	670.4	865.0	1643.4	3193.2	4966.4	7136.0	9593.9	10372.4	10696.8
25°	519.0	569.4	670.4	987.5	2414.7	4584.3	7345.0	10639.1	11359.9	11713.1
27.5°	461.3	511.8	591.1	728.0	1643.4	4058.1	7691.0	11583.4	12304.2	12787.1
30°	403.7	446.9	526.2	619.9	1138.9	3467.1	7986.5	12275.3	13291.7	13443.1
32.5°	360.4	396.4	454.1	533.4	843.3	2630.9	8224.4	12988.9	13846.7	14178.3
35°	309.9	353.2	389.2	454.1	641.5	1982.2	8080.2	13544.0	14661.2	15057.7
37.5°	273.9	302.7	338.8	382.0	540.6	1549.7	7784.7	14207.1	15360.4	15728.0
40°	230.7	252.3	295.5	338.8	490.1	1196.5	7445.9	15007.2	16340.7	16989.4
42.5°	194.6	216.2	245.1	317.2	403.7	886.6	6761.2	15627.1	17133.6	17681.4
45°	151.4	180.2	223.5	317.2	324.4	655.9	6054.8	16088.4	17580.5	17854.4
47.5°	115.3	144.2	216.2	273.9	259.5	454.1	5218.6	16614.6	18041.8	18294.1
50°	86.5	115.3	245.1	237.9	216.2	346.0	4692.5	16982.2	18070.6	18207.6
52.5°	57.7	86.5	201.8	180.2	180.2	302.7	4548.3	16967.8	18142.7	17847.2
55°	43.2	64.9	115.3	129.7	158.6	266.7	4418.5	17508.4	18164.3	18373.4
57.5°	28.8	50.5	79.3	100.9	137.0	230.7	4151.8	18157.1	18834.7	18942.8
60°	14.4	36.0	57.7	79.3	115.3	201.8	3777.0	18632.9	19649.2	19764.5
62.5°	7.2	21.6	43.2	64.9	93.7	158.6	3387.8	17876.0	19296.0	19497.8
65°	0.0	14.4	28.8	43.2	57.7	115.3	2753.5	16138.9	17897.6	18640.1
67.5°	0.0	0.0	14.4	28.8	36.0	86.5	2075.9	14682.8	16607.4	17616.5
70°	0.0	0.0	7.2	7.2	21.6	64.9	1326.3	12160.0	14827.0	15382.0
72.5°	0.0	0.0	0.0	0.0	7.2	43.2	771.3	9031.7	11619.4	12650.2
75°	0.0	0.0	0.0	0.0	0.0	36.0	389.2	5809.7	8087.5	9471.4
77.5°	0.0	0.0	0.0	0.0	0.0	28.8	209.0	3748.2	5961.1	7121.6
80°	0.0	0.0	0.0	0.0	0.0	7.2	122.5	2176.8	3813.1	4620.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	50.5	1066.8	2277.8	2667.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	14.4	569.4	1138.9	1499.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	79.3	151.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)