

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: P598961

Luminaire Tested: **IFLD-L-SA8B-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598961  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8B-735-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (128) 3500K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

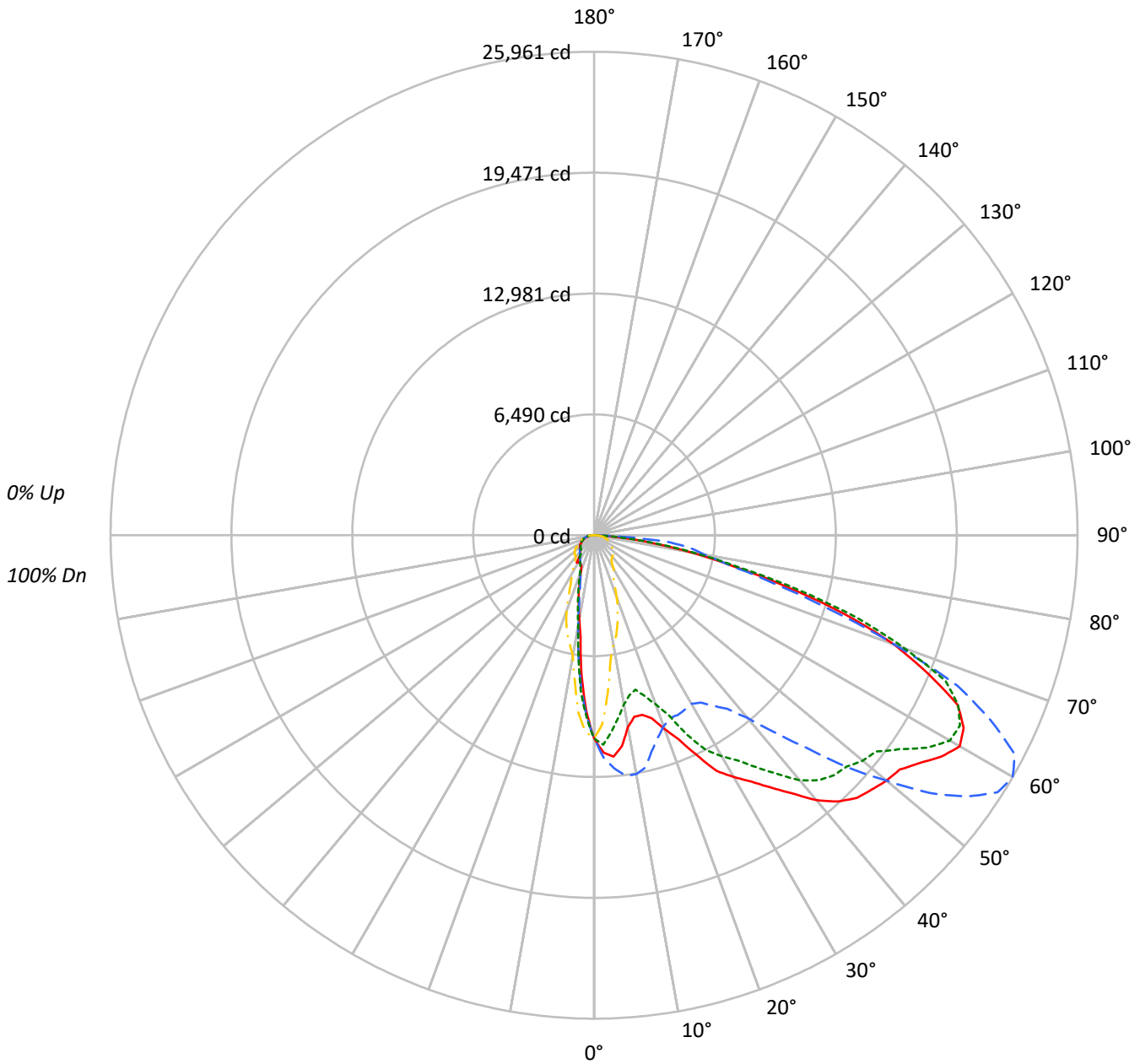
Lumens per Lamp: N/A  
 Luminaire Lumens: 34144.2 lumens  
 Efficiency: N/A  
 Efficacy: 106.7 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

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	
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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	58693	58693	58693	58693
5°	64481	57280	41078	44843
10°	57115	50410	24915	26736
15°	55615	47851	17638	18313
20°	63414	55346	11538	12752
25°	77262	70157	10074	10434
30°	93093	85092	10449	9695
35°	108571	99913	8657	8160
40°	130463	120673	8087	7661
45°	151828	138686	8185	7609
50°	171586	157636	8370	7863
55°	200107	187885	8669	8243
60°	244064	237380	8641	8641
65°	274286	274672	8872	9258
70°	269565	279098	9295	9534
75°	222362	237165	9763	10393
80°	160549	168530	10798	11266
85°	88854	95399	12159	14962

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	847.2	2.5
10°-20°	1788.7	5.2
20°-30°	2617.1	7.7
30°-40°	3687.4	10.8
40°-50°	5067.6	14.8
50°-60°	6906.5	20.2
60°-70°	7558.8	22.1
70°-80°	4364.0	12.8
80°-90°	1306.8	3.8
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°	5253.1	15.4
0°-40°	8940.4	26.2
0°-60°	20914.5	61.3
0°-90°	34144.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	34144.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	10906	10906	10906	10906	10906	
5°	11935	10602	7604	8300	11935	1084
15°	9982	8588	3166	3287	9982	2916
25°	13011	11814	1696	1757	13011	6093
35°	16525	15207	1318	1242	16525	10478
45°	19948	18221	1075	1000	19948	15332
55°	21326	20024	924	878	21326	19242
65°	21538	21569	697	727	21538	20614
75°	10693	11405	470	500	10693	11487
85°	1439	1545	197	242	1439	1996
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°	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5
2.5°	11677.9	11632.5	11677.9	11844.5	11890.0	11965.7	11965.7	11859.7	11662.8	11571.9	11420.4
5°	11935.4	11859.7	12238.3	12586.7	12859.4	12829.1	12571.6	12359.5	11965.7	11375.0	10814.6
7.5°	11420.4	11496.2	11768.8	12677.6	13313.7	13434.9	13026.0	12601.9	11753.7	10935.8	10178.4
10°	10451.1	10557.1	11147.8	12086.9	13086.5	13283.5	13026.0	12511.0	11496.2	10481.4	9602.9
12.5°	9981.5	10223.9	10572.2	11708.2	12420.1	12889.6	12768.5	12435.3	11299.3	10102.7	9254.5
15°	9981.5	10042.1	10557.1	11511.3	11920.3	11935.4	11980.9	12041.4	11359.9	10269.3	9133.3
17.5°	10299.6	10466.2	10905.5	11496.2	11571.9	11390.1	11390.1	11647.6	11481.0	10738.8	9572.6
20°	11072.1	11011.5	11587.0	11829.4	11420.4	10966.0	10920.6	11359.9	11617.3	11238.7	10375.3
22.5°	11844.5	12117.2	12586.7	12041.4	11284.1	10678.3	10617.7	11162.9	12026.3	12102.0	11299.3
25°	13010.8	13283.5	13525.8	12859.4	11269.0	10602.5	10648.0	11072.1	12526.1	13328.9	12844.2
27.5°	14268.0	14434.6	14783.0	13753.0	11632.5	10511.6	10557.1	11193.2	12995.7	14131.7	14055.9
30°	14979.9	15161.6	15085.9	13919.6	11874.8	10572.2	10451.1	11359.9	12738.2	14131.7	14843.5
32.5°	15676.6	15570.6	15525.1	14192.2	12177.8	10950.9	10648.0	11708.2	12889.6	14358.9	15858.4
35°	16524.8	16373.3	16252.2	14722.4	12677.6	11314.4	11178.1	12162.6	13222.9	14828.4	16676.3
37.5°	17463.9	17463.9	16873.2	15116.2	13268.3	11905.1	11753.7	12813.9	13753.0	15116.2	17797.1
40°	18569.6	18615.0	17569.9	15646.3	13934.8	12844.2	12798.8	13662.1	14268.0	15540.3	18872.5
42.5°	19387.5	19417.8	18175.8	15843.2	14707.2	14146.8	14343.7	15025.3	14858.7	15918.9	18948.2
45°	19947.9	19796.4	18599.9	16403.6	15555.4	16100.7	16161.3	16358.2	15631.2	16146.1	19251.2
47.5°	20220.5	20190.2	18781.6	17054.9	17342.7	18084.9	18433.3	18160.6	16343.0	15903.8	19251.2
50°	20493.2	20235.7	18948.2	17948.6	19084.6	20584.1	20508.3	20008.5	17327.6	16206.7	18963.4
52.5°	20674.9	20447.7	19281.5	18751.3	20750.7	22447.1	22750.0	21826.1	18478.7	16767.1	19099.7
55°	21326.2	21144.5	20281.1	19841.9	22674.3	24416.1	24461.5	23174.1	19690.4	17691.1	19993.3
57.5°	22113.8	22219.9	21659.5	21386.8	24143.5	25855.0	25688.4	24173.8	20720.4	18811.9	21023.3
60°	22674.3	22840.9	22704.6	22734.9	24870.5	26339.7	25961.0	24794.8	21477.7	19660.1	22280.5
62.5°	22371.3	22704.6	23265.0	23143.8	24900.8	25991.3	25461.2	23976.9	21568.6	20765.8	23234.7
65°	21538.3	21568.6	22659.1	23325.6	23537.6	24188.9	23492.2	22265.3	20629.5	21447.4	23098.4
67.5°	19402.6	19645.0	20629.5	21932.1	21038.4	21189.9	21129.3	19357.2	19205.7	20977.9	22053.3
70°	17130.7	17297.3	18372.7	19902.5	17766.8	17054.9	17191.2	15873.5	16494.5	19523.8	19947.9
72.5°	14161.9	14268.0	15494.8	16842.9	14252.8	12980.5	13298.6	12223.2	13101.7	17085.2	16827.7
75°	10693.4	10890.3	11844.5	13434.9	10496.5	9678.6	9996.7	9557.4	10375.3	14071.1	13056.3
77.5°	7603.5	7452.1	8633.5	10511.6	7891.3	7406.6	7436.9	7512.6	8391.1	11859.7	9375.7
80°	5180.1	5225.5	6285.8	7709.6	6194.9	6119.2	6043.4	6649.3	7043.1	9390.8	6815.9
82.5°	3074.7	3074.7	4241.0	5483.0	4892.3	5513.3	5164.9	5710.2	5513.3	6906.8	4468.2
85°	1438.9	1438.9	2181.1	3953.2	3786.6	4543.9	3862.3	4316.7	4074.4	4816.6	2014.5
87.5°	242.3	212.1	439.2	1938.7	1560.1	1772.1	696.7	2302.3	2559.8	3362.5	499.8
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5
2.5°	11253.8	11147.8	10935.8	10663.1	10435.9	10148.1	10057.3	9860.4	9587.7	9557.4	9436.3
5°	10602.5	10239.0	9784.6	9224.2	8845.5	8451.7	8118.5	7921.6	7694.4	7664.1	7603.5
7.5°	9890.6	9436.3	8678.9	8012.5	7361.2	6740.2	6437.2	6058.6	5801.1	5604.2	5513.3
10°	9224.2	8800.1	7861.0	6952.2	6376.7	5967.7	5604.2	5210.4	4892.3	4650.0	4559.1
12.5°	8785.0	8285.1	7270.3	6407.0	5982.9	5513.3	5104.4	4680.3	4271.3	3953.2	3786.6
15°	8588.0	8118.5	7088.5	6134.3	5513.3	4862.0	4392.5	3968.4	3468.5	3241.3	3165.6
17.5°	9057.6	8360.9	7028.0	5816.2	4937.7	4195.6	3620.0	3165.6	2802.1	2574.9	2484.0
20°	9663.4	8800.1	7134.0	5437.6	4392.5	3559.4	2923.3	2438.6	2196.2	2029.6	2014.5
22.5°	10435.9	9451.4	7300.6	5164.9	3786.6	2862.7	2287.1	1999.3	1832.7	1817.6	1787.3
25°	11814.2	10632.8	7573.2	4801.4	3301.9	2362.8	1953.9	1787.3	1711.6	1666.1	1696.4
27.5°	12995.7	11405.3	7770.1	4574.2	3105.0	2226.5	1893.3	1711.6	1635.8	1620.7	1635.8
30°	13692.4	12117.2	7709.6	4150.1	2711.2	2120.5	2014.5	1953.9	1802.4	1681.3	1681.3
32.5°	14328.6	12571.6	7694.4	3771.5	2317.4	1772.1	1681.3	1635.8	1726.7	1787.3	1741.8
35°	15207.1	13283.5	7649.0	3559.4	2150.8	1635.8	1484.4	1363.2	1302.6	1272.3	1317.7
37.5°	16146.1	13768.1	7527.8	3529.1	2059.9	1560.1	1438.9	1317.7	1257.2	1226.9	1211.7
40°	17176.1	14283.1	7391.5	3377.7	2014.5	1514.6	1393.5	1287.4	1211.7	1166.3	1151.1
42.5°	17842.5	14692.1	7255.2	3301.9	1923.6	1484.4	1348.0	1257.2	1181.4	1120.8	1120.8
45°	18221.2	15176.8	7118.8	3226.2	1817.6	1499.5	1348.0	1226.9	1136.0	1105.7	1075.4
47.5°	18387.8	15540.3	7073.4	3105.0	1726.7	1438.9	1317.7	1196.6	1105.7	1045.1	1030.0
50°	18827.1	16312.7	7240.0	3014.1	1620.7	1378.3	1393.5	1181.4	1090.5	1014.8	999.7
52.5°	19084.6	16933.8	7603.5	2877.8	1544.9	1302.6	1363.2	1151.1	1045.1	969.4	969.4
55°	20023.6	17963.7	7997.3	2771.8	1454.1	1196.6	1257.2	1090.5	969.4	923.9	923.9
57.5°	21220.2	19054.3	8330.6	2726.4	1393.5	1120.8	1120.8	1060.3	923.9	863.3	848.2
60°	22053.3	19947.9	8527.5	2696.1	1332.9	1045.1	999.7	1060.3	878.5	817.9	802.8
62.5°	22144.1	19432.9	8330.6	2680.9	1317.7	969.4	908.8	1014.8	833.1	772.5	742.2
65°	21568.6	18387.8	7785.3	2620.3	1302.6	893.6	848.2	878.5	772.5	727.0	696.7
67.5°	20417.4	16691.4	6997.7	2590.0	1287.4	833.1	772.5	757.3	711.9	666.4	636.2
70°	17736.5	14480.0	6073.7	2453.7	1257.2	787.6	696.7	681.6	636.2	605.9	590.7
72.5°	14889.0	11844.5	5013.5	2272.0	1196.6	711.9	636.2	605.9	590.7	545.3	530.1
75°	11405.3	9118.2	4013.8	2014.5	1045.1	636.2	560.4	530.1	515.0	484.7	469.5
77.5°	8012.5	6785.6	2968.7	1635.8	878.5	575.6	499.8	469.5	454.4	409.0	409.0
80°	5437.6	4756.0	2014.5	1136.0	681.6	469.5	439.2	409.0	378.7	348.4	348.4
82.5°	3377.7	3332.2	1454.1	742.2	499.8	378.7	348.4	348.4	302.9	272.6	272.6
85°	1544.9	2044.8	1014.8	515.0	378.7	287.8	287.8	272.6	242.3	196.9	196.9
87.5°	484.7	681.6	530.1	227.2	212.1	166.6	166.6	151.5	151.5	121.2	121.2
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°	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5
2.5°	9557.4	9542.3	9542.3	9481.7	9633.2	9633.2	9724.0	9648.3	9693.7	9708.9	9830.1
5°	7588.4	7709.6	7800.4	7982.2	8088.2	8133.7	8133.7	8254.8	8209.4	8300.3	8482.0
7.5°	5558.8	5710.2	5982.9	6210.1	6391.8	6452.4	6437.2	6467.5	6513.0	6407.0	6437.2
10°	4498.5	4392.5	4483.4	4695.4	4862.0	5058.9	4907.5	4892.3	4937.7	4892.3	4983.2
12.5°	3756.3	3635.2	3559.4	3559.4	3680.6	3771.5	3726.0	3801.8	3968.4	4013.8	4119.8
15°	3044.4	2938.4	2877.8	2802.1	2923.3	2953.6	2999.0	3105.0	3226.2	3286.8	3408.0
17.5°	2438.6	2438.6	2438.6	2378.0	2423.4	2468.9	2484.0	2620.3	2635.5	2696.1	2741.5
20°	1999.3	2044.8	2120.5	2150.8	2196.2	2196.2	2165.9	2241.7	2181.1	2226.5	2256.8
22.5°	1802.4	1863.0	1893.3	1908.5	1969.0	1984.2	1908.5	1923.6	1938.7	1893.3	1908.5
25°	1696.4	1726.7	1696.4	1711.6	1726.7	1696.4	1711.6	1741.8	1726.7	1757.0	1741.8
27.5°	1651.0	1620.7	1605.5	1590.4	1590.4	1560.1	1575.2	1575.2	1605.5	1620.7	1620.7
30°	1651.0	1605.5	1544.9	1499.5	1499.5	1454.1	1484.4	1514.6	1529.8	1560.1	1560.1
32.5°	1696.4	1605.5	1499.5	1454.1	1408.6	1378.3	1408.6	1454.1	1514.6	1529.8	1544.9
35°	1348.0	1393.5	1378.3	1317.7	1302.6	1302.6	1287.4	1287.4	1242.0	1242.0	1226.9
37.5°	1211.7	1196.6	1226.9	1242.0	1257.2	1211.7	1211.7	1151.1	1136.0	1151.1	1151.1
40°	1136.0	1136.0	1136.0	1181.4	1196.6	1166.3	1120.8	1090.5	1090.5	1090.5	1105.7
42.5°	1105.7	1075.4	1060.3	1090.5	1136.0	1105.7	1060.3	1045.1	1045.1	1060.3	1060.3
45°	1060.3	1045.1	1030.0	1014.8	1075.4	1030.0	1014.8	999.7	999.7	999.7	1014.8
47.5°	1014.8	999.7	969.4	969.4	984.5	969.4	954.2	954.2	954.2	984.5	984.5
50°	984.5	969.4	939.1	939.1	939.1	939.1	923.9	923.9	923.9	939.1	954.2
52.5°	939.1	923.9	908.8	893.6	893.6	893.6	893.6	893.6	893.6	908.8	923.9
55°	893.6	878.5	863.3	863.3	878.5	878.5	863.3	878.5	863.3	878.5	893.6
57.5°	848.2	833.1	817.9	833.1	848.2	833.1	833.1	833.1	833.1	833.1	848.2
60°	787.6	787.6	787.6	787.6	817.9	817.9	817.9	817.9	787.6	802.8	817.9
62.5°	757.3	742.2	742.2	757.3	772.5	772.5	787.6	772.5	757.3	772.5	772.5
65°	696.7	696.7	696.7	711.9	711.9	727.0	727.0	727.0	711.9	727.0	727.0
67.5°	651.3	651.3	651.3	651.3	681.6	681.6	681.6	681.6	666.4	666.4	681.6
70°	575.6	590.7	575.6	605.9	636.2	621.0	636.2	636.2	621.0	605.9	636.2
72.5°	530.1	530.1	530.1	530.1	575.6	575.6	575.6	590.7	575.6	560.4	575.6
75°	469.5	469.5	469.5	484.7	515.0	515.0	515.0	515.0	515.0	499.8	499.8
77.5°	409.0	424.1	409.0	424.1	454.4	439.2	454.4	469.5	454.4	439.2	439.2
80°	348.4	348.4	348.4	363.5	378.7	378.7	378.7	393.8	378.7	363.5	363.5
82.5°	272.6	272.6	287.8	287.8	302.9	302.9	302.9	318.1	302.9	287.8	287.8
85°	212.1	212.1	212.1	227.2	227.2	242.3	242.3	257.5	257.5	242.3	242.3
87.5°	136.3	121.2	136.3	136.3	151.5	151.5	136.3	121.2	136.3	121.2	106.0
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: P598961  
 CATALOG NUMBER: IFLD-L-SA8B-735-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5	10905.5
2.5°	9951.2	10223.9	10420.8	10557.1	10754.0	11132.7	11284.1	11556.8	11632.5	11677.9
5°	8557.8	8845.5	9269.6	9572.6	9920.9	10632.8	11178.1	11587.0	11768.8	11935.4
7.5°	6709.9	7088.5	7527.8	7921.6	8497.2	9375.7	10087.5	10935.8	11253.8	11420.4
10°	5240.7	5589.0	6073.7	6558.4	7361.2	8103.4	9118.2	9890.6	10329.9	10451.1
12.5°	4422.8	4831.7	5407.3	5998.0	6497.8	7346.0	8376.0	9496.8	9905.8	9981.5
15°	3756.3	4316.7	4907.5	5513.3	6088.9	6831.1	7936.7	9299.9	9905.8	9981.5
17.5°	3105.0	3604.9	4301.6	4952.9	5619.3	6634.2	8012.5	9466.5	10072.4	10299.6
20°	2468.9	2953.6	3498.8	4316.7	5225.5	6300.9	8179.1	10027.0	10829.7	11072.1
22.5°	2044.8	2256.8	2787.0	3574.6	4650.0	6073.7	8345.7	10905.5	11753.7	11844.5
25°	1787.3	1938.7	2272.0	3014.1	4195.6	5922.3	8739.5	11920.3	13010.8	13010.8
27.5°	1666.1	1726.7	1953.9	2620.3	3877.5	5786.0	9133.3	13041.1	14055.9	14268.0
30°	1635.8	1787.3	1908.5	2332.6	3529.1	5407.3	9496.8	13919.6	14964.7	14979.9
32.5°	1605.5	1575.2	1666.1	2029.6	3105.0	5013.5	9799.8	14813.2	15631.2	15676.6
35°	1257.2	1317.7	1469.2	1787.3	2787.0	4725.7	9951.2	15297.9	16479.4	16524.8
37.5°	1181.4	1257.2	1378.3	1651.0	2574.9	4483.4	9996.7	16237.0	17373.0	17463.9
40°	1151.1	1211.7	1302.6	1529.8	2408.3	4180.4	10087.5	17206.4	18690.7	18569.6
42.5°	1090.5	1166.3	1257.2	1469.2	2272.0	3953.2	10102.7	17736.5	19387.5	19387.5
45°	1075.4	1120.8	1226.9	1469.2	2120.5	3756.3	9860.4	18266.6	20190.2	19947.9
47.5°	1014.8	1105.7	1196.6	1423.8	1938.7	3559.4	9572.6	18539.3	20296.3	20220.5
50°	999.7	1090.5	1242.0	1348.0	1832.7	3468.5	9512.0	19220.9	20508.3	20493.2
52.5°	969.4	1060.3	1287.4	1287.4	1696.4	3347.4	9799.8	19523.8	20553.8	20674.9
55°	923.9	1060.3	1196.6	1181.4	1575.2	3195.9	10117.8	20311.4	21356.5	21326.2
57.5°	893.6	1030.0	1136.0	1075.4	1438.9	3089.9	10587.4	21068.7	22325.9	22113.8
60°	848.2	1030.0	1014.8	999.7	1332.9	2999.0	10981.2	21220.2	22537.9	22674.3
62.5°	817.9	1075.4	893.6	923.9	1242.0	2953.6	10814.6	20084.2	22250.2	22371.3
65°	787.6	923.9	817.9	848.2	1211.7	2862.7	10163.3	18721.0	21008.2	21538.3
67.5°	727.0	757.3	757.3	787.6	1181.4	2650.6	8830.4	16267.3	19114.8	19402.6
70°	666.4	681.6	681.6	727.0	1151.1	2408.3	7285.5	14071.1	16585.4	17130.7
72.5°	605.9	605.9	605.9	666.4	1060.3	2211.4	5998.0	10814.6	13783.3	14161.9
75°	530.1	530.1	530.1	590.7	954.2	2014.5	4725.7	8042.8	10148.1	10693.4
77.5°	469.5	469.5	454.4	530.1	833.1	1635.8	3408.0	5679.9	7149.1	7603.5
80°	393.8	378.7	378.7	424.1	651.3	1181.4	2196.2	4013.8	4983.2	5180.1
82.5°	318.1	302.9	287.8	318.1	469.5	742.2	1363.2	2802.1	3195.9	3074.7
85°	302.9	318.1	257.5	242.3	333.2	484.7	863.3	1726.7	1438.9	1438.9
87.5°	121.2	106.0	106.0	90.9	166.6	181.8	378.7	318.1	242.3	242.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)