

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: P598913

Luminaire Tested: **IFLD-S-SA3C-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598913  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3C-730-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (48) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

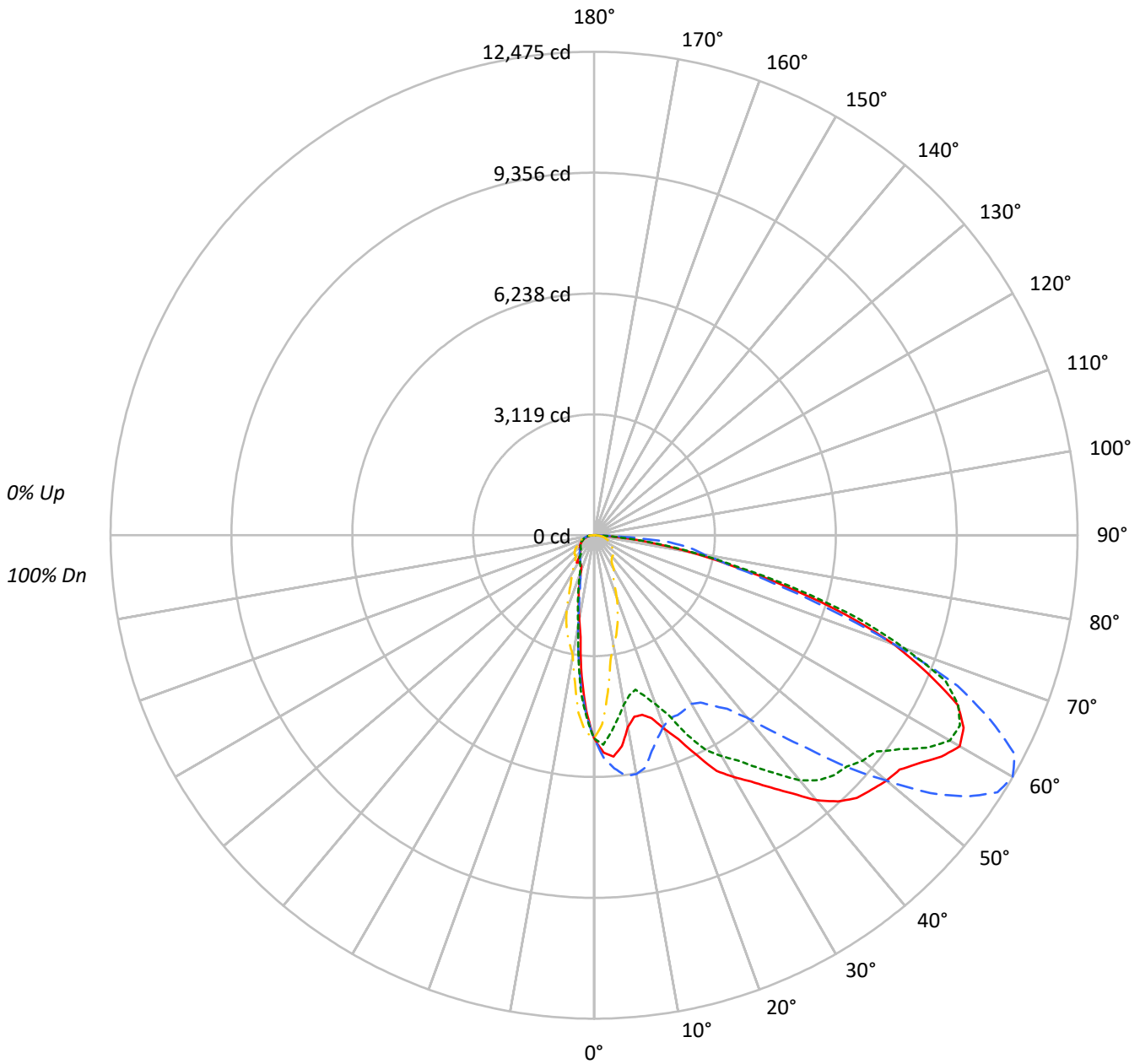
Lumens per Lamp: N/A  
 Luminaire Lumens: 16406.7 lumens  
 Efficiency: N/A  
 Efficacy: 102.0 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

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

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

	0°	90°	180°	270°
0°	75207	75207	75207	75207
5°	82624	73396	52636	57460
10°	73186	64593	31926	34259
15°	71263	61315	22601	23466
20°	81257	70918	14784	16341
25°	99002	89897	12908	13370
30°	119286	109035	13389	12422
35°	139119	128025	11094	10456
40°	167171	154626	10362	9817
45°	194547	177707	10487	9751
50°	219864	201989	10726	10074
55°	256410	240749	11110	10562
60°	312736	304171	11071	11071
65°	351460	351956	11370	11862
70°	345411	357626	11909	12215
75°	284926	303896	12510	13319
80°	205722	215946	13835	14439
85°	113852	122251	15578	19168

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	407.1	2.5
10°-20°	859.5	5.2
20°-30°	1257.6	7.7
30°-40°	1771.8	10.8
40°-50°	2435.0	14.8
50°-60°	3318.7	20.2
60°-70°	3632.1	22.1
70°-80°	2097.0	12.8
80°-90°	628.0	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°	2524.2	15.4
0°-40°	4296.0	26.2
0°-60°	10049.7	61.3
0°-90°	16406.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16406.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5240	5240	5240	5240	5240	
5°	5735	5095	3654	3988	5735	521
15°	4796	4127	1521	1579	4796	1401
25°	6252	5677	815	844	6252	2928
35°	7940	7307	633	597	7940	5035
45°	9585	8756	517	480	9585	7367
55°	10248	9622	444	422	10248	9246
65°	10349	10364	335	349	10349	9906
75°	5138	5480	226	240	5138	5520
85°	691	742	95	116	691	959
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°	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2
2.5°	5611.4	5589.6	5611.4	5691.5	5713.3	5749.7	5749.7	5698.7	5604.1	5560.4	5487.7
5°	5735.1	5698.7	5880.7	6048.1	6179.1	6164.5	6040.8	5938.9	5749.7	5465.8	5196.5
7.5°	5487.7	5524.1	5655.1	6091.7	6397.4	6455.6	6259.1	6055.4	5647.8	5254.8	4890.9
10°	5021.9	5072.8	5356.7	5807.9	6288.3	6382.9	6259.1	6011.7	5524.1	5036.4	4614.3
12.5°	4796.2	4912.7	5080.1	5625.9	5968.0	6193.6	6135.4	5975.3	5429.4	4854.5	4446.9
15°	4796.2	4825.4	5072.8	5531.3	5727.8	5735.1	5757.0	5786.1	5458.6	4934.5	4388.7
17.5°	4949.1	5029.1	5240.2	5524.1	5560.4	5473.1	5473.1	5596.8	5516.8	5160.2	4599.7
20°	5320.3	5291.2	5567.7	5684.2	5487.7	5269.3	5247.5	5458.6	5582.3	5400.3	4985.5
22.5°	5691.5	5822.5	6048.1	5786.1	5422.2	5131.0	5101.9	5363.9	5778.8	5815.2	5429.4
25°	6251.9	6382.9	6499.3	6179.1	5414.9	5094.6	5116.5	5320.3	6019.0	6404.7	6171.8
27.5°	6855.9	6936.0	7103.4	6608.5	5589.6	5051.0	5072.8	5378.5	6244.6	6790.4	6754.0
30°	7198.0	7285.3	7249.0	6688.5	5706.0	5080.1	5021.9	5458.6	6120.9	6790.4	7132.5
32.5°	7532.8	7481.9	7460.0	6819.6	5851.6	5262.0	5116.5	5625.9	6193.6	6899.6	7620.1
35°	7940.4	7867.6	7809.4	7074.3	6091.7	5436.7	5371.2	5844.3	6353.8	7125.2	8013.2
37.5°	8391.6	8391.6	8107.8	7263.5	6375.6	5720.6	5647.8	6157.2	6608.5	7263.5	8551.7
40°	8922.9	8944.7	8442.6	7518.2	6695.8	6171.8	6150.0	6564.8	6855.9	7467.3	9068.5
42.5°	9315.9	9330.5	8733.7	7612.9	7067.0	6797.7	6892.3	7219.8	7139.8	7649.3	9104.9
45°	9585.2	9512.4	8937.5	7882.1	7474.6	7736.6	7765.7	7860.3	7511.0	7758.4	9250.4
47.5°	9716.2	9701.7	9024.8	8195.1	8333.4	8690.0	8857.4	8726.4	7853.0	7642.0	9250.4
50°	9847.2	9723.5	9104.9	8624.5	9170.4	9890.9	9854.5	9614.3	8326.1	7787.5	9112.1
52.5°	9934.6	9825.4	9265.0	9010.3	9971.0	10786.1	10931.7	10487.7	8879.2	8056.8	9177.6
55°	10247.5	10160.2	9745.3	9534.3	10895.3	11732.2	11754.1	11135.4	9461.5	8500.8	9607.1
57.5°	10626.0	10676.9	10407.6	10276.6	11601.2	12423.7	12343.6	11615.8	9956.4	9039.4	10102.0
60°	10895.3	10975.3	10909.8	10924.4	11950.6	12656.6	12474.6	11914.2	10320.3	9446.9	10706.0
62.5°	10749.7	10909.8	11179.1	11120.9	11965.1	12489.2	12234.4	11521.2	10364.0	9978.2	11164.6
65°	10349.4	10364.0	10888.0	11208.2	11310.1	11623.1	11288.3	10698.8	9912.7	10305.7	11099.1
67.5°	9323.2	9439.7	9912.7	10538.6	10109.2	10182.0	10152.9	9301.4	9228.6	10080.1	10596.9
70°	8231.5	8311.6	8828.3	9563.4	8537.2	8195.1	8260.6	7627.4	7925.8	9381.4	9585.2
72.5°	6805.0	6855.9	7445.5	8093.2	6848.7	6237.3	6390.1	5873.4	6295.5	8209.7	8085.9
75°	5138.3	5232.9	5691.5	6455.6	5043.7	4650.7	4803.5	4592.5	4985.5	6761.3	6273.7
77.5°	3653.6	3580.8	4148.5	5051.0	3791.9	3559.0	3573.5	3609.9	4032.1	5698.7	4505.1
80°	2489.1	2510.9	3020.4	3704.5	2976.7	2940.3	2903.9	3195.1	3384.3	4512.4	3275.1
82.5°	1477.4	1477.4	2037.9	2634.7	2350.8	2649.2	2481.8	2743.8	2649.2	3318.8	2147.0
85°	691.4	691.4	1048.0	1899.6	1819.5	2183.4	1855.9	2074.2	1957.8	2314.4	968.0
87.5°	116.4	101.9	211.1	931.6	749.6	851.5	334.8	1106.3	1230.0	1615.7	240.2
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2
2.5°	5407.6	5356.7	5254.8	5123.8	5014.6	4876.3	4832.6	4738.0	4607.0	4592.5	4534.2
5°	5094.6	4920.0	4701.6	4432.3	4250.4	4061.2	3901.0	3806.4	3697.3	3682.7	3653.6
7.5°	4752.6	4534.2	4170.3	3850.1	3537.1	3238.7	3093.2	2911.2	2787.5	2692.9	2649.2
10°	4432.3	4228.6	3777.3	3340.6	3064.1	2867.6	2692.9	2503.7	2350.8	2234.4	2190.7
12.5°	4221.3	3981.1	3493.5	3078.6	2874.8	2649.2	2452.7	2248.9	2052.4	1899.6	1819.5
15°	4126.7	3901.0	3406.1	2947.6	2649.2	2336.3	2110.6	1906.9	1666.7	1557.5	1521.1
17.5°	4352.3	4017.5	3377.0	2794.8	2372.7	2016.0	1739.5	1521.1	1346.4	1237.3	1193.6
20°	4643.4	4228.6	3428.0	2612.8	2110.6	1710.3	1404.7	1171.8	1055.3	975.3	968.0
22.5°	5014.6	4541.5	3508.0	2481.8	1819.5	1375.6	1099.0	960.7	880.6	873.4	858.8
25°	5676.9	5109.2	3639.0	2307.1	1586.6	1135.4	938.9	858.8	822.4	800.6	815.1
27.5°	6244.6	5480.4	3733.6	2198.0	1492.0	1069.9	909.8	822.4	786.0	778.8	786.0
30°	6579.4	5822.5	3704.5	1994.2	1302.8	1018.9	968.0	938.9	866.1	807.9	807.9
32.5°	6885.1	6040.8	3697.3	1812.2	1113.5	851.5	807.9	786.0	829.7	858.8	837.0
35°	7307.2	6382.9	3675.4	1710.3	1033.5	786.0	713.3	655.0	625.9	611.4	633.2
37.5°	7758.4	6615.8	3617.2	1695.8	989.8	749.6	691.4	633.2	604.1	589.5	582.2
40°	8253.3	6863.2	3551.7	1623.0	968.0	727.8	669.6	618.6	582.2	560.4	553.1
42.5°	8573.6	7059.7	3486.2	1586.6	924.3	713.3	647.7	604.1	567.7	538.6	538.6
45°	8755.5	7292.6	3420.7	1550.2	873.4	720.5	647.7	589.5	545.9	531.3	516.7
47.5°	8835.6	7467.3	3398.9	1492.0	829.7	691.4	633.2	575.0	531.3	502.2	494.9
50°	9046.6	7838.5	3478.9	1448.3	778.8	662.3	669.6	567.7	524.0	487.6	480.4
52.5°	9170.4	8136.9	3653.6	1382.8	742.4	625.9	655.0	553.1	502.2	465.8	465.8
55°	9621.6	8631.8	3842.8	1331.9	698.7	575.0	604.1	524.0	465.8	444.0	444.0
57.5°	10196.6	9155.8	4002.9	1310.1	669.6	538.6	538.6	509.5	444.0	414.8	407.6
60°	10596.9	9585.2	4097.6	1295.5	640.5	502.2	480.4	509.5	422.1	393.0	385.7
62.5°	10640.5	9337.8	4002.9	1288.2	633.2	465.8	436.7	487.6	400.3	371.2	356.6
65°	10364.0	8835.6	3740.9	1259.1	625.9	429.4	407.6	422.1	371.2	349.3	334.8
67.5°	9810.8	8020.4	3362.5	1244.5	618.6	400.3	371.2	363.9	342.1	320.2	305.7
70°	8522.6	6957.8	2918.5	1179.0	604.1	378.5	334.8	327.5	305.7	291.1	283.8
72.5°	7154.3	5691.5	2409.0	1091.7	575.0	342.1	305.7	291.1	283.8	262.0	254.7
75°	5480.4	4381.4	1928.7	968.0	502.2	305.7	269.3	254.7	247.5	232.9	225.6
77.5°	3850.1	3260.6	1426.5	786.0	422.1	276.6	240.2	225.6	218.3	196.5	196.5
80°	2612.8	2285.3	968.0	545.9	327.5	225.6	211.1	196.5	182.0	167.4	167.4
82.5°	1623.0	1601.2	698.7	356.6	240.2	182.0	167.4	167.4	145.6	131.0	131.0
85°	742.4	982.5	487.6	247.5	182.0	138.3	138.3	131.0	116.4	94.6	94.6
87.5°	232.9	327.5	254.7	109.2	101.9	80.1	80.1	72.8	72.8	58.2	58.2
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°	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2
2.5°	4592.5	4585.2	4585.2	4556.1	4628.9	4628.9	4672.5	4636.1	4658.0	4665.2	4723.5
5°	3646.3	3704.5	3748.2	3835.5	3886.5	3908.3	3908.3	3966.5	3944.7	3988.4	4075.7
7.5°	2671.1	2743.8	2874.8	2984.0	3071.3	3100.5	3093.2	3107.7	3129.6	3078.6	3093.2
10°	2161.6	2110.6	2154.3	2256.2	2336.3	2430.9	2358.1	2350.8	2372.7	2350.8	2394.5
12.5°	1805.0	1746.7	1710.3	1710.3	1768.6	1812.2	1790.4	1826.8	1906.9	1928.7	1979.6
15°	1462.9	1411.9	1382.8	1346.4	1404.7	1419.2	1441.1	1492.0	1550.2	1579.3	1637.6
17.5°	1171.8	1171.8	1171.8	1142.7	1164.5	1186.3	1193.6	1259.1	1266.4	1295.5	1317.3
20°	960.7	982.5	1018.9	1033.5	1055.3	1055.3	1040.8	1077.2	1048.0	1069.9	1084.4
22.5°	866.1	895.2	909.8	917.0	946.1	953.4	917.0	924.3	931.6	909.8	917.0
25°	815.1	829.7	815.1	822.4	829.7	815.1	822.4	837.0	829.7	844.3	837.0
27.5°	793.3	778.8	771.5	764.2	764.2	749.6	756.9	756.9	771.5	778.8	778.8
30°	793.3	771.5	742.4	720.5	720.5	698.7	713.3	727.8	735.1	749.6	749.6
32.5°	815.1	771.5	720.5	698.7	676.9	662.3	676.9	698.7	727.8	735.1	742.4
35°	647.7	669.6	662.3	633.2	625.9	625.9	618.6	618.6	596.8	596.8	589.5
37.5°	582.2	575.0	589.5	596.8	604.1	582.2	582.2	553.1	545.9	553.1	553.1
40°	545.9	545.9	545.9	567.7	575.0	560.4	538.6	524.0	524.0	524.0	531.3
42.5°	531.3	516.7	509.5	524.0	545.9	531.3	509.5	502.2	502.2	509.5	509.5
45°	509.5	502.2	494.9	487.6	516.7	494.9	487.6	480.4	480.4	480.4	487.6
47.5°	487.6	480.4	465.8	465.8	473.1	465.8	458.5	458.5	458.5	473.1	473.1
50°	473.1	465.8	451.2	451.2	451.2	451.2	444.0	444.0	444.0	451.2	458.5
52.5°	451.2	444.0	436.7	429.4	429.4	429.4	429.4	429.4	429.4	436.7	444.0
55°	429.4	422.1	414.8	414.8	422.1	422.1	414.8	422.1	414.8	422.1	429.4
57.5°	407.6	400.3	393.0	400.3	407.6	400.3	400.3	400.3	400.3	400.3	407.6
60°	378.5	378.5	378.5	378.5	393.0	393.0	393.0	393.0	378.5	385.7	393.0
62.5°	363.9	356.6	356.6	363.9	371.2	371.2	378.5	371.2	363.9	371.2	371.2
65°	334.8	334.8	334.8	342.1	342.1	349.3	349.3	349.3	342.1	349.3	349.3
67.5°	313.0	313.0	313.0	313.0	327.5	327.5	327.5	327.5	320.2	320.2	327.5
70°	276.6	283.8	276.6	291.1	305.7	298.4	305.7	305.7	298.4	291.1	305.7
72.5°	254.7	254.7	254.7	254.7	276.6	276.6	276.6	283.8	276.6	269.3	276.6
75°	225.6	225.6	225.6	232.9	247.5	247.5	247.5	247.5	247.5	240.2	240.2
77.5°	196.5	203.8	196.5	203.8	218.3	211.1	218.3	225.6	218.3	211.1	211.1
80°	167.4	167.4	167.4	174.7	182.0	182.0	182.0	189.2	182.0	174.7	174.7
82.5°	131.0	131.0	138.3	138.3	145.6	145.6	145.6	152.8	145.6	138.3	138.3
85°	101.9	101.9	101.9	109.2	109.2	116.4	116.4	123.7	123.7	116.4	116.4
87.5°	65.5	58.2	65.5	65.5	72.8	72.8	65.5	58.2	65.5	58.2	50.9
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: P598913  
 CATALOG NUMBER: IFLD-S-SA3C-730-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2	5240.2
2.5°	4781.7	4912.7	5007.3	5072.8	5167.4	5349.4	5422.2	5553.2	5589.6	5611.4
5°	4112.1	4250.4	4454.2	4599.7	4767.1	5109.2	5371.2	5567.7	5655.1	5735.1
7.5°	3224.2	3406.1	3617.2	3806.4	4083.0	4505.1	4847.2	5254.8	5407.6	5487.7
10°	2518.2	2685.6	2918.5	3151.4	3537.1	3893.8	4381.4	4752.6	4963.6	5021.9
12.5°	2125.2	2321.7	2598.3	2882.1	3122.3	3529.9	4024.8	4563.3	4759.9	4796.2
15°	1805.0	2074.2	2358.1	2649.2	2925.8	3282.4	3813.7	4468.7	4759.9	4796.2
17.5°	1492.0	1732.2	2067.0	2379.9	2700.2	3187.8	3850.1	4548.8	4839.9	4949.1
20°	1186.3	1419.2	1681.2	2074.2	2510.9	3027.7	3930.2	4818.1	5203.8	5320.3
22.5°	982.5	1084.4	1339.2	1717.6	2234.4	2918.5	4010.2	5240.2	5647.8	5691.5
25°	858.8	931.6	1091.7	1448.3	2016.0	2845.7	4199.4	5727.8	6251.9	6251.9
27.5°	800.6	829.7	938.9	1259.1	1863.2	2780.2	4388.7	6266.4	6754.0	6855.9
30°	786.0	858.8	917.0	1120.8	1695.8	2598.3	4563.3	6688.5	7190.7	7198.0
32.5°	771.5	756.9	800.6	975.3	1492.0	2409.0	4708.9	7118.0	7511.0	7532.8
35°	604.1	633.2	706.0	858.8	1339.2	2270.8	4781.7	7350.9	7918.5	7940.4
37.5°	567.7	604.1	662.3	793.3	1237.3	2154.3	4803.5	7802.1	8347.9	8391.6
40°	553.1	582.2	625.9	735.1	1157.2	2008.7	4847.2	8267.9	8981.1	8922.9
42.5°	524.0	560.4	604.1	706.0	1091.7	1899.6	4854.5	8522.6	9315.9	9315.9
45°	516.7	538.6	589.5	706.0	1018.9	1805.0	4738.0	8777.4	9701.7	9585.2
47.5°	487.6	531.3	575.0	684.1	931.6	1710.3	4599.7	8908.4	9752.6	9716.2
50°	480.4	524.0	596.8	647.7	880.6	1666.7	4570.6	9235.9	9854.5	9847.2
52.5°	465.8	509.5	618.6	618.6	815.1	1608.5	4708.9	9381.4	9876.3	9934.6
55°	444.0	509.5	575.0	567.7	756.9	1535.7	4861.8	9759.9	10262.1	10247.5
57.5°	429.4	494.9	545.9	516.7	691.4	1484.7	5087.4	10123.8	10727.9	10626.0
60°	407.6	494.9	487.6	480.4	640.5	1441.1	5276.6	10196.6	10829.8	10895.3
62.5°	393.0	516.7	429.4	444.0	596.8	1419.2	5196.5	9650.7	10691.5	10749.7
65°	378.5	444.0	393.0	407.6	582.2	1375.6	4883.6	8995.7	10094.7	10349.4
67.5°	349.3	363.9	363.9	378.5	567.7	1273.7	4243.1	7816.6	9184.9	9323.2
70°	320.2	327.5	327.5	349.3	553.1	1157.2	3500.8	6761.3	7969.5	8231.5
72.5°	291.1	291.1	291.1	320.2	509.5	1062.6	2882.1	5196.5	6623.0	6805.0
75°	254.7	254.7	254.7	283.8	458.5	968.0	2270.8	3864.7	4876.3	5138.3
77.5°	225.6	225.6	218.3	254.7	400.3	786.0	1637.6	2729.3	3435.2	3653.6
80°	189.2	182.0	182.0	203.8	313.0	567.7	1055.3	1928.7	2394.5	2489.1
82.5°	152.8	145.6	138.3	152.8	225.6	356.6	655.0	1346.4	1535.7	1477.4
85°	145.6	152.8	123.7	116.4	160.1	232.9	414.8	829.7	691.4	691.4
87.5°	58.2	50.9	50.9	43.7	80.1	87.3	182.0	152.8	116.4	116.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)