

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: P599485

Luminaire Tested: **IFLD-L-SA8D-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: P599485
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8D-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

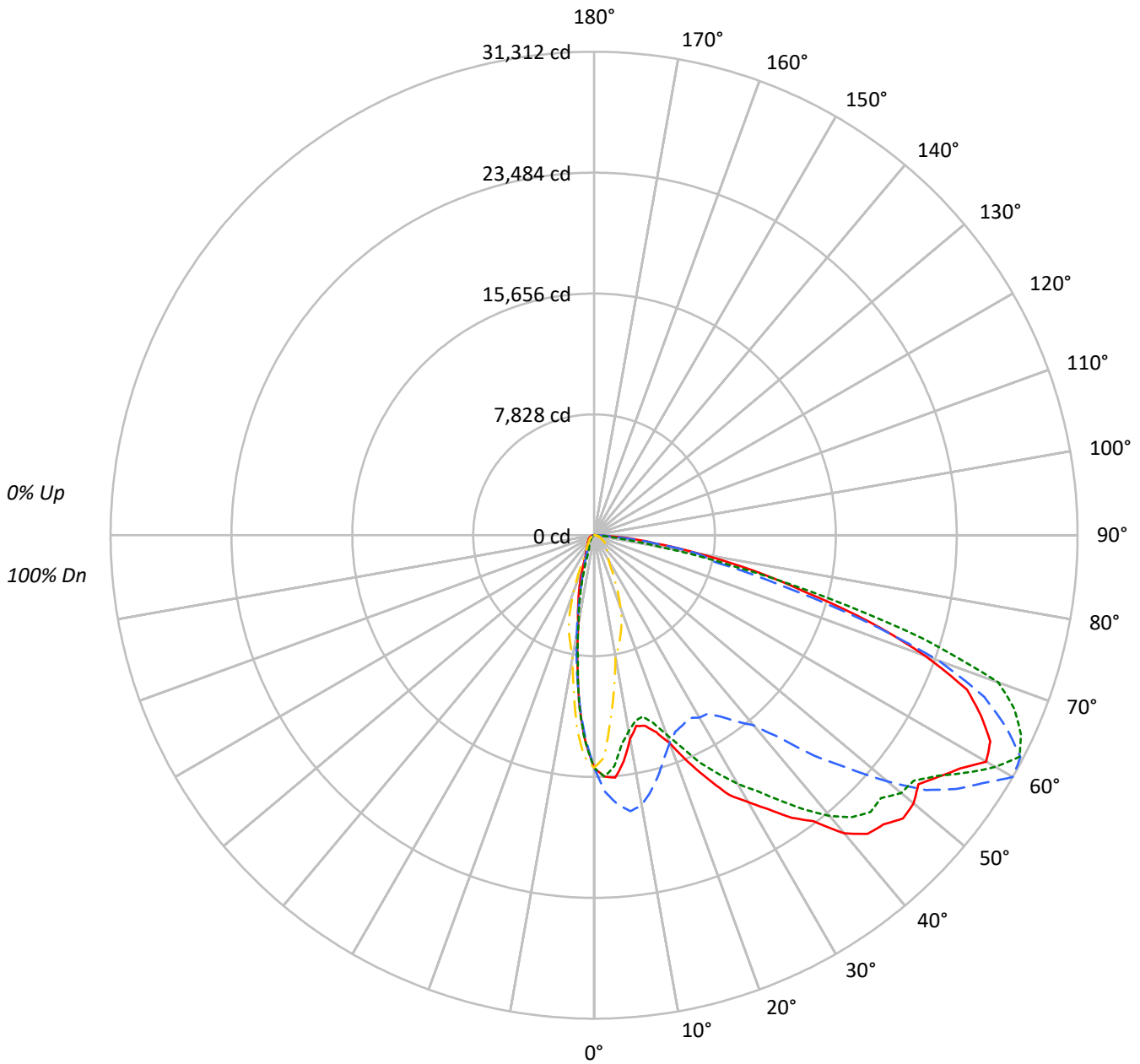
Lumens per Lamp: N/A
 Luminaire Lumens: 40046.9 lumens
 Efficiency: N/A
 Efficacy: 82.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 488.3
 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	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			
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79					79			
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61					61			
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48					48			
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39					39			
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32					32			
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27					27			
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23					23			
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20					20			
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18					18			
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16					16			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	81038	81038	81038	81038
5°	85161	81059	59220	59567
10°	73230	70425	32378	31618
15°	71205	67690	21034	15850
20°	82074	78644	11270	5635
25°	103196	96528	7303	4382
30°	123947	115506	5915	3589
35°	146778	137714	4848	2881
40°	177089	166721	4283	2179
45°	201617	192827	3988	1465
50°	226179	217404	3939	895
55°	255779	254877	3914	402
60°	315635	323117	3568	115
65°	352182	388407	3269	0
70°	359111	438372	3029	0
75°	292203	323337	2890	0
80°	212460	135231	2982	0
85°	137359	56792	3964	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1143.9	2.9
10°-20°	2243.1	5.6
20°-30°	3104.1	7.8
30°-40°	4387.0	11.0
40°-50°	5972.9	14.9
50°-60°	7910.7	19.8
60°-70°	9185.0	22.9
70°-80°	5201.5	13.0
80°-90°	898.7	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°	6491.2	16.2
0°-40°	10878.1	27.2
0°-60°	24761.8	61.8
0°-90°	40046.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	40046.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	15057	15057	15057	15057	15057	
5°	15763	15004	10962	11026	15763	1416
15°	12780	12149	3775	2845	12780	3748
25°	17378	16255	1230	738	17378	8105
35°	22340	20960	738	438	22340	14083
45°	26489	25334	524	192	26489	20537
55°	27259	27163	417	43	27259	24697
65°	27655	30500	257	0	27655	26959
75°	14052	15549	139	0	14052	15336
85°	2224	920	64	0	2224	2673
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°	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4
2.5°	15645.6	15977.1	15987.8	16137.5	16287.2	16287.2	16640.1	16554.6	16244.4	16191.0	15966.4
5°	15763.2	15880.8	15966.4	16725.7	17367.3	17303.1	17495.6	17367.3	16768.4	15998.5	15474.4
7.5°	14747.2	14875.6	15217.8	16511.8	17378.0	17666.7	18030.3	17228.3	16597.3	15207.1	14201.8
10°	13399.8	13645.7	14276.7	15752.5	16821.9	17741.6	17741.6	17100.0	15880.8	14522.7	13292.8
12.5°	12651.2	13143.1	13485.3	14982.5	16372.8	17003.7	16982.3	16640.1	15848.7	14137.7	12747.4
15°	12779.5	12918.5	13645.7	14811.4	15731.1	15699.0	16084.0	15977.1	15421.0	14479.9	12950.6
17.5°	13367.7	13581.6	14212.5	14811.4	15249.9	15121.5	15110.8	15624.2	15656.2	15057.4	13709.9
20°	14330.2	14961.1	15260.6	15442.4	14907.7	14362.3	14298.1	15014.6	15570.7	15795.3	14618.9
22.5°	15870.1	16287.2	16896.8	15966.4	14576.1	13891.7	13763.4	14554.7	15677.6	16672.2	15795.3
25°	17378.0	17698.8	18287.0	17089.3	14950.4	13795.5	13570.9	14255.3	16084.0	17891.3	17217.6
27.5°	18971.4	19249.5	19313.6	17912.7	15153.6	13603.0	13335.6	14255.3	16426.2	18533.0	18918.0
30°	19944.6	20276.1	20340.3	18639.9	15485.1	13763.4	13635.1	14319.5	16661.5	19078.4	20137.1
32.5°	21035.4	21121.0	21067.5	18768.2	15848.7	14233.9	13699.2	14747.2	16928.9	19730.7	21249.3
35°	22340.1	22489.8	21944.4	19356.4	16661.5	14533.4	14340.9	15271.3	17388.7	20030.2	22596.8
37.5°	23334.7	23805.2	22575.4	19581.0	16821.9	15164.3	15196.4	16362.1	17709.5	20393.8	24083.2
40°	25206.1	24414.8	23644.8	20351.0	17431.5	16233.7	16062.6	17484.9	18789.6	20629.0	25056.4
42.5°	26232.8	25815.7	24061.9	20425.8	18372.6	17709.5	17752.3	18757.6	19356.4	21292.1	25323.8
45°	26489.4	26051.0	24628.6	20479.3	19303.0	19452.7	20190.6	20383.1	20190.6	21730.5	25826.4
47.5°	27141.8	26190.0	24564.5	21195.8	20810.8	21388.3	22329.4	22746.5	21324.2	21570.1	26061.7
50°	27013.4	26468.0	24425.5	21495.3	22650.2	24179.5	24810.4	24639.3	22586.1	21238.6	25805.0
52.5°	26478.7	25890.6	24853.2	22308.0	24372.0	26222.1	27099.0	26671.2	23708.9	21987.2	25633.9
55°	27259.4	26810.3	25409.3	23409.5	25666.0	28018.7	28639.0	28318.1	25088.5	22682.3	26607.1
57.5°	28104.2	28008.0	26917.2	24703.5	27195.2	29868.8	29868.8	29473.1	26286.2	23687.6	28050.8
60°	29323.4	29537.3	28029.4	25559.0	27719.3	29761.8	31312.5	30852.6	27494.7	25452.1	29687.0
62.5°	28927.7	29612.1	29462.4	27398.4	28318.1	30285.9	31130.7	31472.9	28991.9	27601.6	31868.6
65°	27655.1	28382.3	29451.7	28606.9	27869.0	29013.2	29441.0	30478.3	29740.5	29622.8	32766.9
67.5°	26136.5	26927.9	27590.9	29419.6	26960.0	27719.3	27345.0	27676.5	28927.7	31836.5	33280.2
70°	22821.3	23580.6	24628.6	27612.3	24553.8	23869.4	23773.1	23612.7	25559.0	31045.1	30948.9
72.5°	18768.2	19121.2	20853.6	22447.0	18169.4	18041.0	18190.8	18009.0	20265.4	28104.2	26510.8
75°	14052.1	14405.0	15388.9	17239.0	12373.1	11635.2	12490.8	13335.6	15474.4	21816.1	19046.3
77.5°	10565.8	11015.0	11635.2	12897.2	9079.3	7924.4	8042.0	8844.1	11186.1	17474.3	10672.8
80°	6855.0	6801.5	7999.2	8876.2	6833.6	7047.4	6748.0	7336.2	8106.2	9346.7	5454.0
82.5°	3956.8	4010.3	4512.9	5090.4	4758.9	5443.3	3924.8	6555.5	5785.5	3807.1	2031.9
85°	2224.4	2320.6	2780.5	3529.1	2983.7	1999.8	1636.2	3251.0	3636.0	1561.3	983.9
87.5°	224.6	192.5	374.3	1336.8	812.8	331.5	491.9	780.7	876.9	588.2	288.7
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°	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4
2.5°	15645.6	15645.6	15378.2	14929.0	14747.2	14426.4	13988.0	14127.0	13977.3	13431.9	13292.8
5°	15003.9	14490.6	13934.5	13250.1	12854.4	12041.6	11785.0	11325.1	11400.0	10940.1	10961.5
7.5°	13667.1	13260.8	12319.7	11421.4	10640.7	9934.9	8940.3	8566.0	8202.4	8020.6	8234.5
10°	12886.5	12127.2	10843.9	9667.5	8630.2	7999.2	7336.2	6822.9	6352.3	5999.4	5924.6
12.5°	12319.7	11645.9	10095.3	8662.3	7849.5	7336.2	6726.6	6020.8	5561.0	4951.4	4769.6
15°	12148.6	11325.1	9688.9	8266.6	7475.2	6630.4	5935.3	5240.1	4641.3	3999.6	3775.0
17.5°	12736.7	11785.0	9678.2	7945.8	6833.6	5924.6	4962.1	4181.4	3571.8	2983.7	2844.6
20°	13731.3	12276.9	9988.3	7753.3	6224.0	5004.9	3914.1	3133.4	2449.0	2064.0	1967.7
22.5°	14864.9	13111.0	10020.4	7239.9	5614.4	4085.2	2855.3	2064.0	1679.0	1497.2	1443.7
25°	16255.1	14447.8	10405.4	6822.9	4897.9	3101.3	2031.9	1582.7	1358.2	1251.2	1229.8
27.5°	17399.4	15378.2	10822.5	6384.4	4192.1	2299.2	1593.4	1294.0	1176.4	1069.4	1058.7
30°	18586.4	16447.6	10940.1	6117.1	3582.5	1892.9	1368.9	1144.3	1015.9	962.5	951.8
32.5°	19623.8	17613.3	11314.4	5678.6	3005.1	1668.3	1240.5	1026.6	941.1	855.5	844.8
35°	20960.5	18287.0	11496.2	5443.3	2791.2	1507.9	1133.6	941.1	812.8	759.3	737.9
37.5°	22393.6	18939.4	11613.9	5261.5	2609.4	1411.6	1069.4	887.6	770.0	695.1	673.7
40°	23730.3	19859.1	11442.7	5036.9	2470.4	1294.0	1026.6	823.5	716.5	641.6	609.6
42.5°	24757.0	20757.4	11389.3	4823.1	2320.6	1251.2	973.2	791.4	673.7	588.2	577.5
45°	25334.5	21366.9	11015.0	4652.0	2203.0	1272.6	951.8	748.6	641.6	566.8	524.0
47.5°	25195.4	21837.5	11111.2	4598.5	2042.6	1187.1	941.1	716.5	588.2	524.0	491.9
50°	25965.4	22789.2	10950.8	4427.4	1924.9	1069.4	1026.6	716.5	577.5	502.6	470.5
52.5°	26093.7	23655.5	11293.0	4117.3	1743.1	983.9	1015.9	705.8	556.1	481.2	438.5
55°	27163.2	24660.7	11956.1	3946.1	1593.4	855.5	930.4	684.4	502.6	438.5	417.1
57.5°	28617.6	26746.1	12383.8	3785.7	1390.2	748.6	780.7	673.7	459.8	406.4	374.3
60°	30018.5	27580.2	12415.9	3497.0	1197.7	673.7	609.6	673.7	427.8	363.6	331.5
62.5°	31066.5	27580.2	12202.0	3251.0	1048.0	598.9	534.7	641.6	385.0	320.8	299.4
65°	30499.7	26842.3	11645.9	3047.8	951.8	524.0	459.8	491.9	342.2	278.0	256.7
67.5°	29483.8	24543.1	10416.1	2801.9	941.1	459.8	395.7	363.6	299.4	246.0	224.6
70°	27858.3	21441.8	8673.0	2523.8	919.7	417.1	352.9	310.1	267.4	213.9	192.5
72.5°	22447.0	17709.5	7122.3	2363.4	898.3	363.6	299.4	267.4	224.6	181.8	160.4
75°	15549.3	11314.4	5486.1	2021.2	876.9	331.5	278.0	235.3	192.5	149.7	139.0
77.5°	9325.3	7560.8	3539.8	1518.6	577.5	267.4	235.3	181.8	160.4	128.3	117.6
80°	4363.2	3571.8	1433.0	588.2	278.0	192.5	160.4	139.0	128.3	106.9	96.2
82.5°	1711.1	1507.9	695.1	342.2	224.6	149.7	128.3	117.6	106.9	85.6	74.9
85°	919.7	812.8	331.5	235.3	160.4	106.9	106.9	96.2	85.6	74.9	64.2
87.5°	203.2	149.7	139.0	139.0	117.6	85.6	85.6	74.9	64.2	53.5	42.8
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°	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4
2.5°	13218.0	13378.4	13121.7	13282.1	13057.6	13228.7	13250.1	13089.6	13132.4	13346.3	13442.6
5°	11260.9	11154.0	10918.7	10843.9	10854.6	10715.5	10769.0	10843.9	10961.5	11025.7	11218.2
7.5°	8116.9	8362.8	8352.1	8533.9	8544.6	8523.2	8373.5	8052.7	8159.6	8074.1	8181.0
10°	5806.9	5913.9	6117.1	6234.7	6448.6	6330.9	5988.7	5860.4	5796.2	5785.5	5892.5
12.5°	4641.3	4384.6	4363.2	4406.0	4512.9	4373.9	4202.8	4053.1	4127.9	4277.7	4395.3
15°	3593.2	3379.4	3101.3	3058.5	3079.9	3015.8	2834.0	2641.5	2694.9	2844.6	2930.2
17.5°	2759.1	2513.1	2320.6	2192.3	2149.5	1924.9	1657.6	1497.2	1454.4	1443.7	1518.6
20°	1860.8	1818.0	1785.9	1625.5	1625.5	1304.7	1080.1	962.5	962.5	983.9	994.6
22.5°	1390.2	1336.8	1347.5	1315.4	1229.8	973.2	855.5	823.5	823.5	844.8	844.8
25°	1208.4	1133.6	1112.2	1101.5	1015.9	834.1	748.6	716.5	716.5	737.9	737.9
27.5°	1026.6	1005.3	973.2	930.4	855.5	716.5	663.0	631.0	641.6	652.3	641.6
30°	941.1	887.6	844.8	844.8	759.3	641.6	598.9	577.5	556.1	577.5	588.2
32.5°	834.1	802.1	780.7	748.6	652.3	566.8	524.0	502.6	491.9	491.9	502.6
35°	716.5	716.5	695.1	652.3	566.8	513.3	459.8	438.5	427.8	438.5	438.5
37.5°	641.6	609.6	620.3	577.5	502.6	449.2	395.7	374.3	374.3	363.6	374.3
40°	598.9	545.4	513.3	491.9	449.2	385.0	342.2	320.8	310.1	310.1	310.1
42.5°	534.7	491.9	427.8	417.1	406.4	331.5	278.0	267.4	256.7	246.0	246.0
45°	502.6	438.5	385.0	331.5	331.5	278.0	235.3	213.9	203.2	192.5	203.2
47.5°	459.8	395.7	331.5	278.0	267.4	224.6	181.8	160.4	149.7	149.7	149.7
50°	438.5	352.9	288.7	235.3	203.2	181.8	139.0	117.6	106.9	106.9	106.9
52.5°	406.4	331.5	256.7	203.2	160.4	139.0	106.9	85.6	74.9	74.9	74.9
55°	363.6	299.4	224.6	171.1	139.0	106.9	74.9	53.5	42.8	42.8	42.8
57.5°	342.2	267.4	192.5	149.7	106.9	74.9	42.8	32.1	32.1	21.4	32.1
60°	310.1	235.3	160.4	117.6	85.6	53.5	32.1	10.7	10.7	10.7	10.7
62.5°	267.4	203.2	139.0	96.2	64.2	32.1	10.7	0.0	0.0	0.0	0.0
65°	224.6	160.4	106.9	74.9	42.8	10.7	0.0	0.0	0.0	0.0	0.0
67.5°	192.5	139.0	85.6	53.5	32.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	171.1	117.6	64.2	42.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	139.0	96.2	53.5	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	117.6	74.9	32.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	96.2	53.5	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	74.9	42.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	64.2	32.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	42.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.1	10.7	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: P599485
 CATALOG NUMBER: IFLD-L-SA8D-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4	15057.4
2.5°	13581.6	13517.4	13838.2	14362.3	14629.6	15153.6	15282.0	15613.5	15527.9	15645.6
5°	11239.6	11367.9	11838.4	12608.4	12886.5	13645.7	14362.3	15078.8	15538.6	15763.2
7.5°	8341.4	8769.2	9346.7	10052.5	10769.0	11763.6	12982.7	13816.9	14266.0	14747.2
10°	6213.3	6673.2	7336.2	8031.3	9197.0	10309.2	11528.3	12565.6	12950.6	13399.8
12.5°	4887.2	5603.7	6373.7	7122.3	7817.4	8876.2	10384.0	11891.9	12309.0	12651.2
15°	3400.7	4277.7	5379.2	6352.3	7325.5	8245.2	9806.5	11635.2	12202.0	12779.5
17.5°	1882.2	2577.3	3839.2	5208.1	6641.1	8052.7	9999.0	12105.8	12961.3	13367.7
20°	1090.8	1368.9	2267.2	3892.7	5785.5	7635.6	10095.3	12993.4	14127.0	14330.2
22.5°	898.3	994.6	1283.3	2438.3	4737.5	7368.3	10587.2	14233.9	15388.9	15870.1
25°	770.0	844.8	994.6	1465.1	3582.5	6801.5	10897.3	15784.6	16854.0	17378.0
27.5°	684.4	759.3	876.9	1080.1	2438.3	6020.8	11410.7	17185.5	18254.9	18971.4
30°	598.9	663.0	780.7	919.7	1689.7	5143.9	11849.1	18212.2	19720.0	19944.6
32.5°	534.7	588.2	673.7	791.4	1251.2	3903.4	12202.0	19270.9	20543.5	21035.4
35°	459.8	524.0	577.5	673.7	951.8	2940.9	11988.2	20094.3	21751.9	22340.1
37.5°	406.4	449.2	502.6	566.8	802.1	2299.2	11549.7	21078.2	22789.2	23334.7
40°	342.2	374.3	438.5	502.6	727.2	1775.2	11047.1	22265.2	24243.7	25206.1
42.5°	288.7	320.8	363.6	470.5	598.9	1315.4	10031.1	23184.9	25420.0	26232.8
45°	224.6	267.4	331.5	470.5	481.2	973.2	8983.1	23869.4	26083.1	26489.4
47.5°	171.1	213.9	320.8	406.4	385.0	673.7	7742.6	24650.0	26767.5	27141.8
50°	128.3	171.1	363.6	352.9	320.8	513.3	6961.9	25195.4	26810.3	27013.4
52.5°	85.6	128.3	299.4	267.4	267.4	449.2	6748.0	25174.0	26917.2	26478.7
55°	64.2	96.2	171.1	192.5	235.3	395.7	6555.5	25976.1	26949.3	27259.4
57.5°	42.8	74.9	117.6	149.7	203.2	342.2	6159.8	26938.6	27943.8	28104.2
60°	21.4	53.5	85.6	117.6	171.1	299.4	5603.7	27644.4	29152.3	29323.4
62.5°	10.7	32.1	64.2	96.2	139.0	235.3	5026.3	26521.5	28628.3	28927.7
65°	0.0	21.4	42.8	64.2	85.6	171.1	4085.2	23944.2	26553.6	27655.1
67.5°	0.0	0.0	21.4	42.8	53.5	128.3	3079.9	21784.0	24639.3	26136.5
70°	0.0	0.0	10.7	10.7	32.1	96.2	1967.7	18041.0	21997.9	22821.3
72.5°	0.0	0.0	0.0	0.0	10.7	64.2	1144.3	13399.8	17239.0	18768.2
75°	0.0	0.0	0.0	0.0	0.0	53.5	577.5	8619.5	11998.8	14052.1
77.5°	0.0	0.0	0.0	0.0	0.0	42.8	310.1	5561.0	8844.1	10565.8
80°	0.0	0.0	0.0	0.0	0.0	10.7	181.8	3229.6	5657.2	6855.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	74.9	1582.7	3379.4	3956.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	21.4	844.8	1689.7	2224.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.1	117.6	224.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)