

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: P599591

Luminaire Tested: **IFLD-M-SA4D-827-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: P599591  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4D-827-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (64) 2700K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

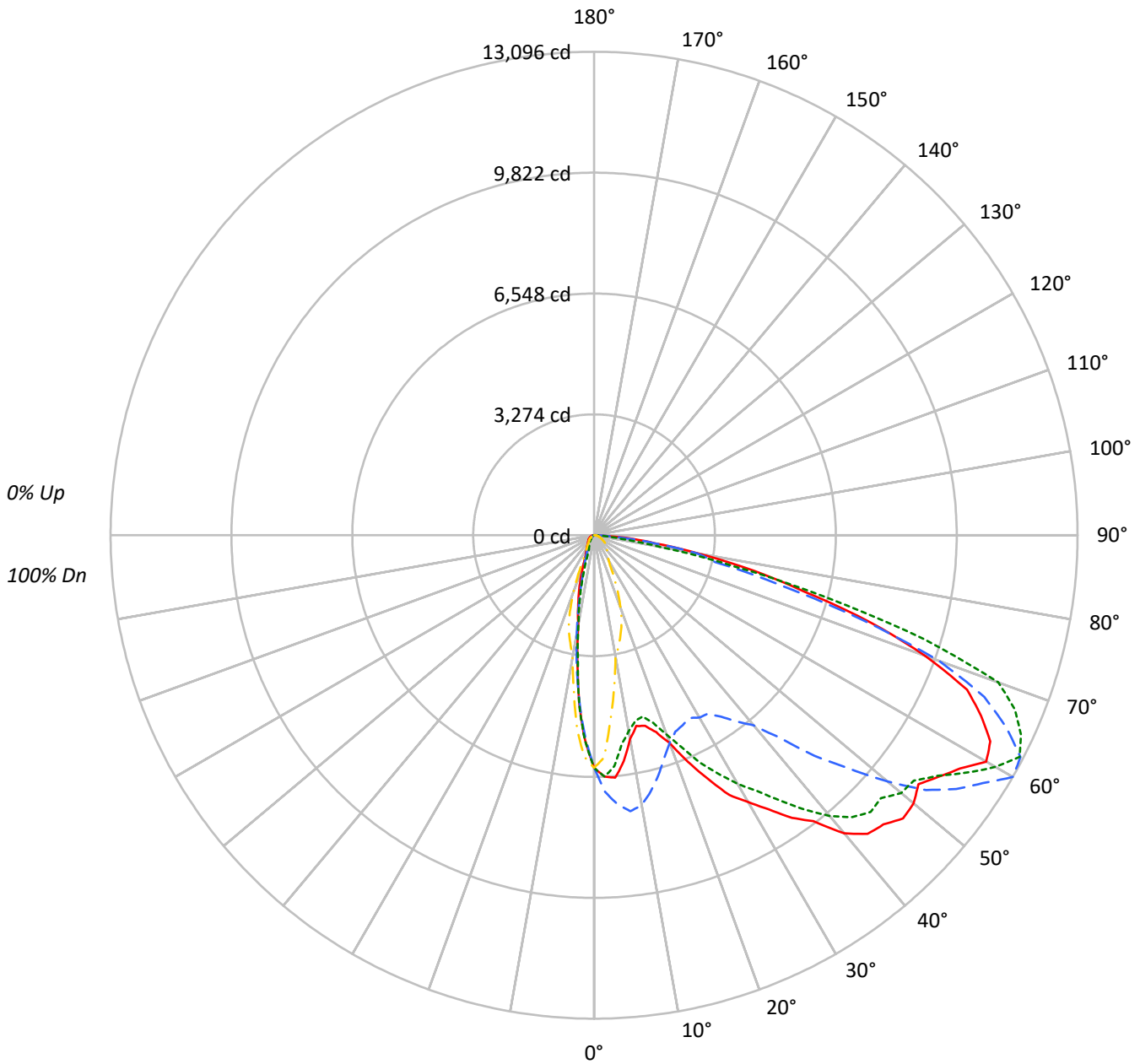
Lumens per Lamp: N/A  
 Luminaire Lumens: 16749.5 lumens  
 Efficiency: N/A  
 Efficacy: 67.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 249.7  
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79		
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61		
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48		
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39		
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32		
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27		
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23		
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20		
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18		
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16		

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

	0°	90°	180°	270°
0°	67788	67788	67788	67788
5°	71236	67805	49537	49826
10°	61256	58909	27083	26448
15°	59563	56622	17595	13259
20°	68654	65786	9427	4714
25°	86323	80745	6109	3665
30°	103681	96620	4948	3002
35°	122779	115197	4055	2410
40°	148134	139460	3582	1822
45°	168651	161297	3337	1225
50°	189198	181856	3296	749
55°	213957	213202	3273	336
60°	264026	270284	2986	97
65°	294597	324900	2733	0
70°	300393	366694	2533	0
75°	244424	270467	2416	0
80°	177723	113120	2498	0
85°	114894	47511	3310	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	478.4	2.9
10°-20°	938.2	5.6
20°-30°	1298.3	7.8
30°-40°	1834.8	11.0
40°-50°	2498.1	14.9
50°-60°	3308.6	19.8
60°-70°	3841.6	22.9
70°-80°	2175.5	13.0
80°-90°	375.9	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°	2714.9	16.2
0°-40°	4549.7	27.2
0°-60°	10356.5	61.8
0°-90°	16749.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16749.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	6298	6298	6298	6298	6298	
5°	6593	6275	4585	4611	6593	592
15°	5345	5081	1579	1190	5345	1568
25°	7268	6799	514	309	7268	3390
35°	9344	8767	309	183	9344	5890
45°	11079	10596	219	80	11079	8590
55°	11401	11361	174	18	11401	10329
65°	11567	12756	107	0	11567	11275
75°	5877	6503	58	0	5877	6414
85°	930	385	27	0	930	1118
90°	0	0	0	0	0	

TEST NUMBER: P599591  
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**CANDELA DISTRIBUTION (FULL):**

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7
2.5°	6543.7	6682.4	6686.8	6749.4	6812.1	6812.1	6959.7	6923.9	6794.2	6771.8	6677.9
5°	6592.9	6642.1	6677.9	6995.4	7263.8	7237.0	7317.5	7263.8	7013.3	6691.3	6472.1
7.5°	6168.0	6221.7	6364.8	6906.0	7268.3	7389.1	7541.1	7205.7	6941.8	6360.3	5939.9
10°	5604.4	5707.3	5971.2	6588.4	7035.7	7420.4	7420.4	7152.0	6642.1	6074.1	5559.7
12.5°	5291.3	5497.1	5640.2	6266.4	6847.8	7111.7	7102.8	6959.7	6628.7	5913.0	5331.6
15°	5345.0	5403.1	5707.3	6194.8	6579.5	6566.1	6727.1	6682.4	6449.8	6056.2	5416.6
17.5°	5591.0	5680.4	5944.3	6194.8	6378.2	6324.5	6320.1	6534.7	6548.2	6297.7	5734.1
20°	5993.5	6257.4	6382.7	6458.7	6235.1	6007.0	5980.1	6279.8	6512.4	6606.3	6114.3
22.5°	6637.6	6812.1	7067.0	6677.9	6096.4	5810.2	5756.5	6087.5	6557.1	6973.1	6606.3
25°	7268.3	7402.5	7648.5	7147.5	6253.0	5769.9	5676.0	5962.2	6727.1	7483.0	7201.2
27.5°	7934.7	8051.0	8077.9	7491.9	6337.9	5689.4	5577.6	5962.2	6870.2	7751.3	7912.4
30°	8341.8	8480.4	8507.3	7796.1	6476.6	5756.5	5702.8	5989.1	6968.6	7979.5	8422.3
32.5°	8798.0	8833.8	8811.4	7849.7	6628.7	5953.3	5729.6	6168.0	7080.4	8252.3	8887.4
35°	9343.7	9406.3	9178.2	8095.8	6968.6	6078.5	5998.0	6387.1	7272.8	8377.5	9451.0
37.5°	9759.6	9956.4	9442.1	8189.7	7035.7	6342.4	6355.8	6843.4	7406.9	8529.6	10072.7
40°	10542.4	10211.4	9889.3	8511.7	7290.7	6789.7	6718.1	7313.0	7858.7	8628.0	10479.8
42.5°	10971.8	10797.3	10063.8	8543.0	7684.3	7406.9	7424.8	7845.3	8095.8	8905.3	10591.6
45°	11079.1	10895.7	10300.8	8565.4	8073.4	8136.0	8444.6	8525.1	8444.6	9088.7	10801.8
47.5°	11351.9	10953.9	10274.0	8865.1	8704.1	8945.6	9339.2	9513.6	8918.7	9021.6	10900.2
50°	11298.3	11070.2	10215.9	8990.3	9473.4	10113.0	10376.9	10305.3	9446.5	8883.0	10792.8
52.5°	11074.6	10828.6	10394.8	9330.2	10193.5	10967.3	11334.1	11155.1	9916.2	9196.1	10721.3
55°	11401.1	11213.3	10627.4	9790.9	10734.7	11718.7	11978.1	11844.0	10493.2	9486.8	11128.3
57.5°	11754.5	11714.2	11258.0	10332.1	11374.3	12492.5	12492.5	12327.0	10994.1	9907.2	11732.1
60°	12264.4	12353.9	11723.2	10690.0	11593.5	12447.8	13096.3	12904.0	11499.5	10645.2	12416.5
62.5°	12098.9	12385.2	12322.5	11459.3	11844.0	12666.9	13020.3	13163.4	12125.7	11544.3	13328.9
65°	11566.6	11870.8	12318.1	11964.7	11656.1	12134.7	12313.6	12747.5	12438.8	12389.6	13704.6
67.5°	10931.5	11262.5	11539.8	12304.7	11275.9	11593.5	11436.9	11575.6	12098.9	13315.5	13919.3
70°	9544.9	9862.5	10300.8	11548.7	10269.5	9983.3	9943.0	9875.9	10690.0	12984.5	12944.3
72.5°	7849.7	7997.4	8721.9	9388.4	7599.3	7545.6	7608.2	7532.2	8475.9	11754.5	11088.1
75°	5877.2	6024.9	6436.3	7210.1	5175.0	4866.4	5224.2	5577.6	6472.1	9124.5	7966.0
77.5°	4419.1	4607.0	4866.4	5394.2	3797.4	3314.3	3363.5	3699.0	4678.5	7308.5	4463.8
80°	2867.1	2844.7	3345.6	3712.4	2858.1	2947.6	2822.3	3068.3	3390.4	3909.2	2281.1
82.5°	1654.9	1677.3	1887.5	2129.0	1990.4	2276.7	1641.5	2741.8	2419.8	1592.3	849.8
85°	930.3	970.6	1162.9	1476.0	1247.9	836.4	684.3	1359.7	1520.7	653.0	411.5
87.5°	93.9	80.5	156.5	559.1	339.9	138.7	205.7	326.5	366.8	246.0	120.8
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°	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7
2.5°	6543.7	6543.7	6431.9	6244.0	6168.0	6033.8	5850.4	5908.6	5845.9	5617.8	5559.7
5°	6275.3	6060.6	5828.0	5541.8	5376.3	5036.4	4929.0	4736.7	4768.0	4575.7	4584.6
7.5°	5716.2	5546.3	5152.7	4776.9	4450.4	4155.2	3739.3	3582.7	3430.6	3354.6	3444.0
10°	5389.7	5072.1	4535.4	4043.4	3609.5	3345.6	3068.3	2853.6	2656.8	2509.2	2477.9
12.5°	5152.7	4870.9	4222.3	3623.0	3283.0	3068.3	2813.4	2518.2	2325.9	2070.9	1994.9
15°	5081.1	4736.7	4052.3	3457.5	3126.5	2773.1	2482.4	2191.7	1941.2	1672.8	1578.9
17.5°	5327.1	4929.0	4047.9	3323.3	2858.1	2477.9	2075.4	1748.9	1493.9	1247.9	1189.8
20°	5743.1	5134.8	4177.6	3242.8	2603.2	2093.3	1637.0	1310.5	1024.3	863.2	823.0
22.5°	6217.2	5483.6	4191.0	3028.1	2348.2	1708.6	1194.2	863.2	702.2	626.2	603.8
25°	6798.6	6042.7	4352.0	2853.6	2048.5	1297.1	849.8	662.0	568.0	523.3	514.4
27.5°	7277.2	6431.9	4526.5	2670.3	1753.3	961.7	666.4	541.2	492.0	447.3	442.8
30°	7773.7	6879.2	4575.7	2558.4	1498.4	791.7	572.5	478.6	424.9	402.6	398.1
32.5°	8207.6	7366.7	4732.2	2375.1	1256.9	697.8	518.8	429.4	393.6	357.8	353.4
35°	8766.7	7648.5	4808.3	2276.7	1167.4	630.7	474.1	393.6	339.9	317.6	308.6
37.5°	9366.0	7921.3	4857.5	2200.6	1091.4	590.4	447.3	371.2	322.0	290.7	281.8
40°	9925.1	8306.0	4785.9	2106.7	1033.2	541.2	429.4	344.4	299.7	268.4	254.9
42.5°	10354.5	8681.7	4763.5	2017.2	970.6	523.3	407.0	331.0	281.8	246.0	241.5
45°	10596.0	8936.6	4607.0	1945.7	921.4	532.3	398.1	313.1	268.4	237.1	219.2
47.5°	10537.9	9133.4	4647.2	1923.3	854.3	496.5	393.6	299.7	246.0	219.2	205.7
50°	10859.9	9531.5	4580.1	1851.7	805.1	447.3	429.4	299.7	241.5	210.2	196.8
52.5°	10913.6	9893.8	4723.3	1722.0	729.1	411.5	424.9	295.2	232.6	201.3	183.4
55°	11360.9	10314.3	5000.6	1650.5	666.4	357.8	389.1	286.3	210.2	183.4	174.4
57.5°	11969.2	11186.5	5179.5	1583.4	581.5	313.1	326.5	281.8	192.3	170.0	156.5
60°	12555.1	11535.3	5192.9	1462.6	501.0	281.8	254.9	281.8	178.9	152.1	138.7
62.5°	12993.5	11535.3	5103.5	1359.7	438.3	250.5	223.6	268.4	161.0	134.2	125.2
65°	12756.4	11226.7	4870.9	1274.7	398.1	219.2	192.3	205.7	143.1	116.3	107.3
67.5°	12331.5	10265.1	4356.5	1171.9	393.6	192.3	165.5	152.1	125.2	102.9	93.9
70°	11651.6	8967.9	3627.4	1055.6	384.7	174.4	147.6	129.7	111.8	89.5	80.5
72.5°	9388.4	7406.9	2978.9	988.5	375.7	152.1	125.2	111.8	93.9	76.0	67.1
75°	6503.4	4732.2	2294.5	845.4	366.8	138.7	116.3	98.4	80.5	62.6	58.1
77.5°	3900.3	3162.3	1480.5	635.1	241.5	111.8	98.4	76.0	67.1	53.7	49.2
80°	1824.9	1493.9	599.4	246.0	116.3	80.5	67.1	58.1	53.7	44.7	40.3
82.5°	715.6	630.7	290.7	143.1	93.9	62.6	53.7	49.2	44.7	35.8	31.3
85°	384.7	339.9	138.7	98.4	67.1	44.7	44.7	40.3	35.8	31.3	26.8
87.5°	85.0	62.6	58.1	58.1	49.2	35.8	35.8	31.3	26.8	22.4	17.9
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°	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7
2.5°	5528.4	5595.5	5488.1	5555.2	5461.3	5532.8	5541.8	5474.7	5492.6	5582.0	5622.3
5°	4709.8	4665.1	4566.7	4535.4	4539.9	4481.7	4504.1	4535.4	4584.6	4611.4	4692.0
7.5°	3394.8	3497.7	3493.3	3569.3	3573.8	3564.8	3502.2	3368.0	3412.7	3377.0	3421.7
10°	2428.7	2473.5	2558.4	2607.6	2697.1	2647.9	2504.8	2451.1	2424.3	2419.8	2464.5
12.5°	1941.2	1833.8	1824.9	1842.8	1887.5	1829.4	1757.8	1695.2	1726.5	1789.1	1838.3
15°	1502.9	1413.4	1297.1	1279.2	1288.2	1261.3	1185.3	1104.8	1127.1	1189.8	1225.5
17.5°	1154.0	1051.1	970.6	916.9	899.0	805.1	693.3	626.2	608.3	603.8	635.1
20°	778.3	760.4	747.0	679.9	679.9	545.7	451.8	402.6	402.6	411.5	416.0
22.5°	581.5	559.1	563.6	550.2	514.4	407.0	357.8	344.4	344.4	353.4	353.4
25°	505.4	474.1	465.2	460.7	424.9	348.9	313.1	299.7	299.7	308.6	308.6
27.5°	429.4	420.4	407.0	389.1	357.8	299.7	277.3	263.9	268.4	272.8	268.4
30°	393.6	371.2	353.4	353.4	317.6	268.4	250.5	241.5	232.6	241.5	246.0
32.5°	348.9	335.5	326.5	313.1	272.8	237.1	219.2	210.2	205.7	205.7	210.2
35°	299.7	299.7	290.7	272.8	237.1	214.7	192.3	183.4	178.9	183.4	183.4
37.5°	268.4	254.9	259.4	241.5	210.2	187.9	165.5	156.5	156.5	152.1	156.5
40°	250.5	228.1	214.7	205.7	187.9	161.0	143.1	134.2	129.7	129.7	129.7
42.5°	223.6	205.7	178.9	174.4	170.0	138.7	116.3	111.8	107.3	102.9	102.9
45°	210.2	183.4	161.0	138.7	138.7	116.3	98.4	89.5	85.0	80.5	85.0
47.5°	192.3	165.5	138.7	116.3	111.8	93.9	76.0	67.1	62.6	62.6	62.6
50°	183.4	147.6	120.8	98.4	85.0	76.0	58.1	49.2	44.7	44.7	44.7
52.5°	170.0	138.7	107.3	85.0	67.1	58.1	44.7	35.8	31.3	31.3	31.3
55°	152.1	125.2	93.9	71.6	58.1	44.7	31.3	22.4	17.9	17.9	17.9
57.5°	143.1	111.8	80.5	62.6	44.7	31.3	17.9	13.4	13.4	8.9	13.4
60°	129.7	98.4	67.1	49.2	35.8	22.4	13.4	4.5	4.5	4.5	4.5
62.5°	111.8	85.0	58.1	40.3	26.8	13.4	4.5	0.0	0.0	0.0	0.0
65°	93.9	67.1	44.7	31.3	17.9	4.5	0.0	0.0	0.0	0.0	0.0
67.5°	80.5	58.1	35.8	22.4	13.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	71.6	49.2	26.8	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	58.1	40.3	22.4	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	49.2	31.3	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	40.3	22.4	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.3	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	26.8	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.4	4.5	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: P599591  
 CATALOG NUMBER: IFLD-M-SA4D-827-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7	6297.7
2.5°	5680.4	5653.6	5787.8	6007.0	6118.8	6337.9	6391.6	6530.3	6494.5	6543.7
5°	4700.9	4754.6	4951.4	5273.4	5389.7	5707.3	6007.0	6306.6	6499.0	6592.9
7.5°	3488.8	3667.7	3909.2	4204.4	4504.1	4920.1	5430.0	5778.8	5966.7	6168.0
10°	2598.7	2791.0	3068.3	3359.1	3846.6	4311.8	4821.7	5255.5	5416.6	5604.4
12.5°	2044.1	2343.7	2665.8	2978.9	3269.6	3712.4	4343.1	4973.7	5148.2	5291.3
15°	1422.3	1789.1	2249.8	2656.8	3063.9	3448.5	4101.6	4866.4	5103.5	5345.0
17.5°	787.2	1077.9	1605.7	2178.2	2777.6	3368.0	4182.1	5063.2	5421.0	5591.0
20°	456.2	572.5	948.2	1628.1	2419.8	3193.6	4222.3	5434.4	5908.6	5993.5
22.5°	375.7	416.0	536.7	1019.8	1981.4	3081.8	4428.1	5953.3	6436.3	6637.6
25°	322.0	353.4	416.0	612.8	1498.4	2844.7	4557.8	6601.8	7049.1	7268.3
27.5°	286.3	317.6	366.8	451.8	1019.8	2518.2	4772.5	7187.8	7635.1	7934.7
30°	250.5	277.3	326.5	384.7	706.7	2151.4	4955.9	7617.2	8247.8	8341.8
32.5°	223.6	246.0	281.8	331.0	523.3	1632.6	5103.5	8060.0	8592.2	8798.0
35°	192.3	219.2	241.5	281.8	398.1	1230.0	5014.0	8404.4	9097.7	9343.7
37.5°	170.0	187.9	210.2	237.1	335.5	961.7	4830.6	8815.9	9531.5	9759.6
40°	143.1	156.5	183.4	210.2	304.1	742.5	4620.4	9312.4	10139.8	10542.4
42.5°	120.8	134.2	152.1	196.8	250.5	550.2	4195.5	9697.0	10631.8	10971.8
45°	93.9	111.8	138.7	196.8	201.3	407.0	3757.1	9983.3	10909.1	11079.1
47.5°	71.6	89.5	134.2	170.0	161.0	281.8	3238.3	10309.8	11195.4	11351.9
50°	53.7	71.6	152.1	147.6	134.2	214.7	2911.8	10537.9	11213.3	11298.3
52.5°	35.8	53.7	125.2	111.8	111.8	187.9	2822.3	10529.0	11258.0	11074.6
55°	26.8	40.3	71.6	80.5	98.4	165.5	2741.8	10864.4	11271.4	11401.1
57.5°	17.9	31.3	49.2	62.6	85.0	143.1	2576.3	11267.0	11687.4	11754.5
60°	8.9	22.4	35.8	49.2	71.6	125.2	2343.7	11562.2	12192.8	12264.4
62.5°	4.5	13.4	26.8	40.3	58.1	98.4	2102.2	11092.5	11973.7	12098.9
65°	0.0	8.9	17.9	26.8	35.8	71.6	1708.6	10014.6	11105.9	11566.6
67.5°	0.0	0.0	8.9	17.9	22.4	53.7	1288.2	9111.1	10305.3	10931.5
70°	0.0	0.0	4.5	4.5	13.4	40.3	823.0	7545.6	9200.5	9544.9
72.5°	0.0	0.0	0.0	0.0	4.5	26.8	478.6	5604.4	7210.1	7849.7
75°	0.0	0.0	0.0	0.0	0.0	22.4	241.5	3605.1	5018.5	5877.2
77.5°	0.0	0.0	0.0	0.0	0.0	17.9	129.7	2325.9	3699.0	4419.1
80°	0.0	0.0	0.0	0.0	0.0	4.5	76.0	1350.8	2366.1	2867.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	31.3	662.0	1413.4	1654.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.9	353.4	706.7	930.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	49.2	93.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)