

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: FAIL-SAFE

Report Number: P#

Luminaire Tested: **FLDSQ4C75D010 FEU4C759030 F4LC-SQLWW-LI**

Issue Date: 12/13/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P#  
 Test Lab: INNOVATION CENTER  
 Issue Date: 12/13/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: FAIL-SAFE  
 Catalog Number: FLDSQ4C75D010 FEU4C759030 F4LC-SQLWW-LI  
 Description: 4 INCH 7500 LUMEN FAIL-SAFE LED DOWNLIGHT WITH, 3000K, 90CRI LEDS AND F4LC-SQLWW TRIM WITH LI FINISH  
 Light Source: -  
 Ballast/Driver: -

**Summary**

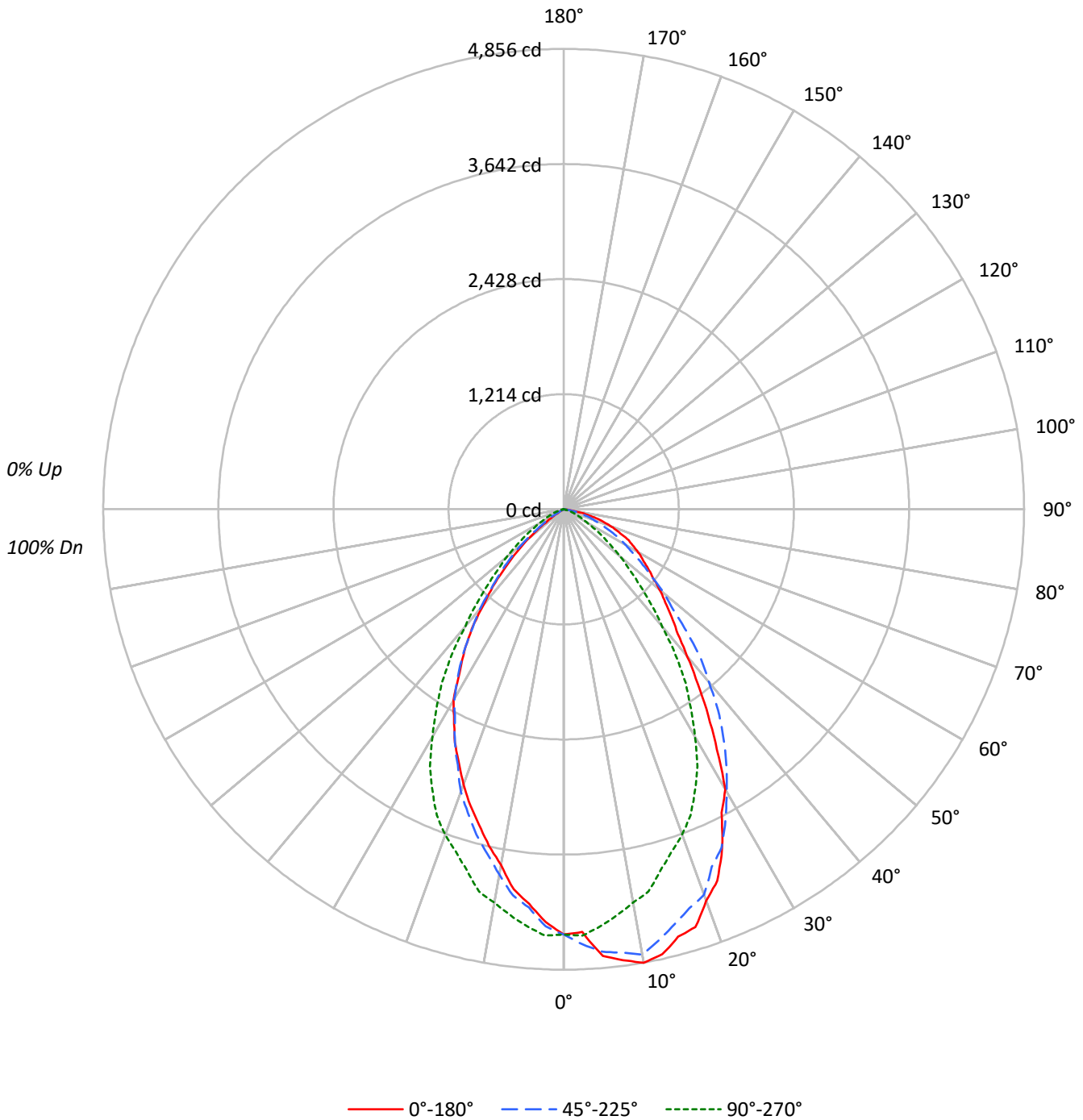
Lumens per Lamp: N/A  
 Luminaire Lumens: 6429.0 lumens  
 Efficiency: N/A  
 Efficacy: 78.9 lumens/watt  
 Spacing Criteria (0/90/45): 1.01 / 1 / 1.06  
 Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')  
 CIE Type: Direct

Input Watts (W): 81.5  
 Input Voltage (V):  
 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



TEST NUMBER: P#

CATALOG NUMBER: FLDSQ4C75D010 FEU4C759030 F4LC-SQLWW-LI

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20				
RC	80					70					50					30				
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	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	77	74	72		
4	91	81	74	69	89	80	74	69	78	72	68	76	71	67	74	70	66	64		
5	85	75	67	62	83	74	67	62	72	66	61	70	65	60	68	64	60	58		
6	80	69	61	56	78	68	61	56	66	60	55	65	59	55	63	58	54	53		
7	75	63	56	51	73	63	56	51	61	55	50	60	54	50	59	54	50	48		
8	70	59	52	47	69	58	51	46	57	51	46	56	50	46	55	50	46	44		
9	66	55	48	43	65	54	47	43	53	47	43	52	46	42	51	46	42	41		
10	62	51	44	40	61	51	44	40	50	44	39	49	43	39	48	43	39	38		

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

	0°	90°	180°
0°	432753	432753	432753
5°	457855	427655	404738
10°	475808	412573	373039
15°	466289	393767	344340
20°	451161	374941	316967
25°	420830	348669	289134
30°	379883	308577	258852
35°	312924	264159	214745
40°	255378	203900	165281
45°	219421	154850	118880
50°	198581	117881	75085
55°	182741	85037	27151
60°	175398	58106	4149
65°	169430	39293	1256
70°	151693	27280	1552
75°	124330	14055	0
80°	77736	5946	0
85°	0	0	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	420.2	6.5
10°-20°	1132.1	17.6
20°-30°	1511.8	23.5
30°-40°	1435.1	22.3
40°-50°	992.0	15.4
50°-60°	548.1	8.5
60°-70°	272.2	4.2
70°-80°	107.2	1.7
80°-90°	10.2	0.2
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°	3064.1	47.7
0°-40°	4499.3	70.0
0°-60°	6039.4	93.9
0°-90°	6429.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6429.0	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	4485	4485	4485	4485	4485	
5°	4727	4684	4415	4216	4179	453
15°	4668	4528	3942	3555	3447	1320
25°	3953	3937	3275	2716	2716	1802
35°	2657	2936	2243	1845	1823	1664
45°	1608	1845	1135	930	871	1254
55°	1086	1022	506	258	161	978
65°	742	538	172	6	6	720
75°	334	204	38	0	0	355
85°	0	6	0	0	0	31
90°	0	0	0	0	0	

TEST NUMBER: P#  
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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0
2.5°	4463.5	4587.2	4597.9	4587.2	4603.4	4597.9	4624.9	4597.9	4630.4	4581.9	4592.7
5°	4727.1	4678.6	4780.8	4727.1	4727.1	4721.8	4705.6	4700.1	4721.8	4651.9	4684.1
7.5°	4797.1	4867.0	4958.4	4845.5	4850.8	4850.8	4818.5	4807.8	4807.8	4678.6	4716.4
10°	4856.3	4813.1	4861.5	4818.5	4856.3	4850.8	4872.3	4802.3	4850.8	4775.6	4770.1
12.5°	4807.8	4791.6	4856.3	4786.3	4764.8	4770.1	4743.3	4727.1	4743.3	4657.2	4651.9
15°	4667.9	4684.1	4780.8	4705.6	4694.9	4684.1	4651.9	4597.9	4641.1	4522.7	4528.2
17.5°	4619.7	4592.7	4608.9	4544.2	4560.4	4549.7	4544.2	4496.0	4485.0	4409.8	4409.8
20°	4393.8	4452.8	4452.8	4409.8	4409.8	4404.5	4334.6	4377.6	4329.1	4307.6	4329.1
22.5°	4237.7	4243.1	4243.1	4205.4	4210.9	4189.4	4151.7	4124.7	4151.7	4124.7	4081.8
25°	3952.8	3963.6	4028.0	3958.1	3947.3	3968.8	3936.6	3920.4	3915.1	3850.6	3936.6
27.5°	3608.5	3716.0	3710.7	3683.8	3716.0	3673.0	3657.0	3662.3	3678.5	3673.0	3694.5
30°	3409.6	3425.7	3441.9	3420.4	3425.7	3409.6	3409.6	3414.9	3457.9	3441.9	3436.4
32.5°	3006.2	3059.9	3103.1	3103.1	3108.4	3124.6	3119.1	3232.0	3259.0	3205.3	3194.5
35°	2656.6	2694.3	2731.8	2737.3	2807.3	2812.5	2818.0	2850.3	2925.5	2941.7	2936.2
37.5°	2323.3	2360.8	2371.6	2420.0	2457.7	2495.2	2538.4	2581.4	2645.9	2699.6	2672.8
40°	2027.5	2043.5	2070.5	2092.0	2167.2	2167.2	2188.7	2274.9	2344.8	2387.8	2382.3
42.5°	1780.1	1785.4	1806.9	1844.6	1914.6	1898.3	1914.6	1973.8	2075.7	2081.2	2140.4
45°	1608.0	1602.5	1618.8	1624.0	1667.2	1688.7	1699.4	1742.4	1828.4	1839.1	1844.6
47.5°	1452.1	1446.6	1473.6	1484.3	1500.3	1521.8	1521.8	1527.3	1559.5	1586.5	1565.0
50°	1322.9	1322.9	1322.9	1333.7	1360.7	1355.2	1360.7	1382.1	1398.2	1387.4	1382.1
52.5°	1183.0	1204.5	1220.8	1226.2	1231.5	1231.5	1237.0	1226.2	1220.8	1204.5	1172.3
55°	1086.3	1107.8	1107.8	1107.8	1107.8	1129.3	1102.6	1107.8	1107.8	1064.8	1021.9
57.5°	989.6	1011.1	1027.1	1005.6	1027.1	1005.6	994.9	989.6	978.7	935.7	871.2
60°	908.9	919.7	914.2	908.9	919.7	903.5	892.7	871.2	860.5	801.3	758.3
62.5°	817.5	822.8	828.2	817.5	806.7	801.3	779.8	747.5	726.0	677.6	639.9
65°	742.1	726.0	720.6	715.3	704.6	688.3	672.3	634.6	618.4	575.4	537.7
67.5°	629.1	623.9	634.6	618.4	591.6	591.6	575.4	543.2	505.5	478.7	441.0
70°	537.7	532.4	521.7	505.5	500.2	478.7	478.7	441.0	430.2	381.8	349.5
72.5°	441.0	441.0	424.8	408.7	392.5	381.8	376.5	349.5	333.5	306.6	279.6
75°	333.5	333.5	328.0	311.8	301.1	290.3	285.1	263.6	247.4	220.6	204.4
77.5°	236.6	236.6	215.1	204.4	209.6	198.9	188.1	182.9	177.4	161.4	139.9
80°	139.9	134.4	118.4	123.7	118.4	118.4	112.9	107.5	96.7	86.0	75.2
82.5°	37.7	43.0	43.0	43.0	48.5	37.7	37.7	37.7	43.0	43.0	27.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
87.5°	5.5	10.7	21.5	21.5	21.5	21.5	21.5	16.2	16.2	16.2	10.7
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):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0
2.5°	4539.0	4533.5	4539.0	4501.2	4587.2	4522.7	4512.0	4501.2	4539.0	4501.2	4447.5
5°	4635.7	4581.9	4565.7	4549.7	4597.9	4522.7	4506.7	4512.0	4485.0	4415.3	4420.5
7.5°	4667.9	4619.7	4571.2	4469.0	4512.0	4496.0	4452.8	4420.5	4377.6	4318.4	4307.6
10°	4678.6	4624.9	4555.0	4522.7	4458.3	4436.8	4420.5	4366.8	4313.1	4210.9	4183.9
12.5°	4646.4	4581.9	4496.0	4469.0	4420.5	4350.6	4313.1	4259.2	4210.9	4130.2	4071.0
15°	4506.7	4452.8	4426.0	4334.6	4313.1	4269.9	4194.7	4119.5	4049.5	3941.9	3909.6
17.5°	4345.3	4323.8	4296.9	4226.9	4221.7	4178.7	4108.7	4044.0	3952.8	3785.9	3732.2
20°	4178.7	4178.7	4092.5	4065.7	4119.5	4033.3	3979.6	3920.4	3732.2	3651.5	3554.8
22.5°	4055.0	3995.8	3947.3	3904.3	3909.6	3855.9	3780.7	3662.3	3592.3	3495.6	3382.7
25°	3812.9	3834.4	3726.9	3710.7	3726.9	3603.1	3565.6	3468.6	3366.4	3275.0	3189.0
27.5°	3662.3	3603.1	3533.3	3474.1	3474.1	3425.7	3318.2	3296.7	3140.6	3054.6	2947.0
30°	3436.4	3393.4	3334.2	3248.3	3237.5	3199.8	3113.8	3059.9	2898.7	2769.6	2710.4
32.5°	3151.3	3135.3	3086.9	2990.2	2957.9	2914.7	2807.3	2715.8	2640.6	2495.2	2425.5
35°	2947.0	2888.0	2785.8	2705.1	2678.1	2602.9	2516.7	2452.3	2371.6	2242.6	2151.2
37.5°	2640.6	2581.4	2484.5	2387.8	2387.8	2312.6	2194.2	2129.7	2016.8	1941.3	1866.1
40°	2371.6	2296.3	2199.6	2086.7	2070.5	1962.8	1914.6	1806.9	1737.0	1618.8	1608.0
42.5°	2070.5	2000.5	1914.6	1828.4	1763.9	1710.2	1586.5	1505.8	1430.6	1371.4	1355.2
45°	1796.2	1704.7	1629.5	1521.8	1457.4	1392.9	1312.2	1258.5	1199.3	1134.8	1097.1
47.5°	1559.5	1484.3	1376.7	1280.0	1215.5	1183.0	1091.6	1032.6	984.1	941.2	914.2
50°	1317.7	1226.2	1167.0	1059.4	1048.6	973.4	898.2	849.7	822.8	785.3	747.5
52.5°	1134.8	1048.6	967.9	887.4	844.2	817.5	747.5	699.1	661.6	634.6	613.1
55°	957.2	882.0	817.5	736.8	709.8	672.3	591.6	580.9	543.2	505.5	478.7
57.5°	822.8	752.8	677.6	623.9	575.4	548.6	484.0	441.0	419.5	387.3	360.3
60°	699.1	623.9	564.7	500.2	478.7	441.0	392.5	355.0	328.0	301.1	274.3
62.5°	586.1	521.7	457.2	403.3	371.0	349.5	311.8	279.6	252.8	231.3	209.6
65°	484.0	424.8	371.0	317.3	301.1	274.3	247.4	220.6	198.9	172.1	150.6
67.5°	398.0	344.3	290.3	252.8	236.6	225.9	193.6	166.7	150.6	134.4	112.9
70°	311.8	274.3	231.3	198.9	182.9	166.7	145.2	129.2	107.5	96.7	80.7
72.5°	242.1	209.6	172.1	145.2	134.4	123.7	102.2	86.0	75.2	64.5	53.7
75°	172.1	145.2	123.7	96.7	91.4	86.0	70.0	59.2	48.5	37.7	32.2
77.5°	118.4	96.7	75.2	64.5	59.2	48.5	43.0	32.2	27.0	21.5	16.2
80°	64.5	48.5	37.7	32.2	27.0	21.5	21.5	16.2	10.7	10.7	5.5
82.5°	21.5	16.2	10.7	5.5	5.5	5.5	5.5	5.5	5.5	0.0	5.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	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

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**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0
2.5°	4479.8	4420.5	4436.8	4436.8	4426.0	4426.0	4415.3	4399.1	4404.5	4372.1	4302.3
5°	4431.3	4356.1	4345.3	4356.1	4313.1	4302.3	4280.9	4313.1	4216.2	4253.9	4210.9
7.5°	4291.6	4221.7	4205.4	4243.1	4189.4	4157.0	4151.7	4194.7	4108.7	4065.7	4017.3
10°	4135.5	4108.7	4060.3	4033.3	4017.3	4022.5	3979.6	3925.8	3909.6	3898.9	3855.9
12.5°	3995.8	3936.6	3893.6	3861.4	3850.6	3850.6	3780.7	3769.9	3721.5	3710.7	3646.2
15°	3828.9	3759.2	3732.2	3689.2	3651.5	3673.0	3592.3	3570.8	3554.8	3484.9	3495.6
17.5°	3683.8	3608.5	3544.1	3517.1	3484.9	3452.6	3377.2	3393.4	3355.7	3355.7	3259.0
20°	3495.6	3414.9	3366.4	3312.7	3312.7	3269.7	3216.0	3221.3	3172.8	3124.6	3038.4
22.5°	3296.7	3210.5	3151.3	3129.8	3076.1	3065.4	3000.9	2984.7	2920.2	2925.5	2850.3
25°	3086.9	3000.9	2920.2	2925.5	2877.2	2855.7	2818.0	2742.8	2715.8	2683.6	2662.1
27.5°	2839.5	2780.3	2710.4	2705.1	2613.6	2618.9	2570.7	2549.2	2484.5	2500.7	2452.3
30°	2613.6	2527.7	2463.0	2447.0	2409.3	2398.5	2323.3	2290.9	2301.8	2258.6	2231.9
32.5°	2382.3	2253.4	2226.4	2194.2	2172.7	2145.7	2092.0	2113.5	2065.0	2075.7	2032.8
35°	2075.7	2022.0	1952.1	1952.1	1930.6	1909.1	1871.6	1893.1	1844.6	1823.1	1780.1
37.5°	1817.6	1769.4	1699.4	1720.9	1683.2	1651.0	1618.8	1624.0	1581.0	1575.8	1532.6
40°	1538.1	1511.1	1462.8	1462.8	1435.9	1435.9	1419.6	1403.6	1376.7	1344.4	1296.0
42.5°	1274.5	1253.0	1231.5	1237.0	1199.3	1231.5	1188.5	1215.5	1129.3	1124.0	1091.6
45°	1080.9	1032.6	1037.9	1016.4	994.9	1005.6	967.9	978.7	930.4	919.7	887.4
47.5°	876.7	860.5	828.2	817.5	817.5	801.3	785.3	779.8	758.3	731.3	688.3
50°	720.6	661.6	650.6	634.6	623.9	623.9	602.4	570.1	575.4	548.6	505.5
52.5°	564.7	516.2	494.7	489.4	467.9	457.2	430.2	408.7	392.5	381.8	355.0
55°	435.5	392.5	365.8	365.8	333.5	333.5	295.8	279.6	258.1	236.6	220.6
57.5°	328.0	306.6	279.6	258.1	247.4	220.6	198.9	172.1	155.9	123.7	102.2
60°	247.4	225.9	198.9	182.9	172.1	145.2	118.4	96.7	59.2	48.5	43.0
62.5°	182.9	161.4	134.4	123.7	112.9	91.4	64.5	32.2	16.2	16.2	16.2
65°	134.4	107.5	86.0	75.2	64.5	48.5	21.5	10.7	5.5	5.5	5.5
67.5°	91.4	70.0	48.5	43.0	32.2	16.2	5.5	5.5	5.5	5.5	5.5
70°	59.2	43.0	21.5	16.2	10.7	5.5	5.5	5.5	5.5	5.5	5.5
72.5°	37.7	21.5	10.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	21.5	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	10.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	5.5	5.5
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: P#  
 CATALOG NUMBER: FLDSQ4C75D010 FEU4C759030 F4LC-SQLWW-LI

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0	4485.0
2.5°	4377.6	4339.9	4361.3	4313.1	4334.6	4372.1	4345.3	4356.1
5°	4226.9	4205.4	4178.7	4108.7	4162.4	4205.4	4183.9	4178.7
7.5°	4065.7	3990.3	4028.0	4006.5	3995.8	4038.8	3990.3	4044.0
10°	3898.9	3845.1	3839.9	3802.2	3802.2	3834.4	3839.9	3807.4
12.5°	3651.5	3624.8	3624.8	3619.3	3613.8	3646.2	3651.5	3635.5
15°	3474.1	3463.4	3436.4	3431.1	3398.9	3447.1	3452.6	3447.1
17.5°	3259.0	3264.3	3237.5	3237.5	3259.0	3275.0	3232.0	3275.0
20°	3113.8	3086.9	3076.1	3027.7	3054.6	3081.6	3081.6	3086.9
22.5°	2904.0	2861.0	2877.2	2850.3	2834.0	2871.7	2871.7	2888.0
25°	2667.4	2667.4	2678.1	2662.1	2672.8	2694.3	2678.1	2715.8
27.5°	2441.5	2463.0	2463.0	2441.5	2452.3	2516.7	2543.7	2500.7
30°	2231.9	2237.1	2253.4	2242.6	2274.9	2296.3	2290.9	2323.3
32.5°	1995.3	2022.0	2032.8	2016.8	2027.5	2075.7	2049.0	2043.5
35°	1812.4	1763.9	1758.7	1763.9	1785.4	1796.2	1785.4	1823.1
37.5°	1548.8	1532.6	1511.1	1516.6	1532.6	1554.3	1565.0	1591.8
40°	1296.0	1274.5	1274.5	1269.2	1253.0	1312.2	1312.2	1312.2
42.5°	1075.6	1070.1	1043.4	1043.4	1064.8	1080.9	1070.1	1107.8
45°	882.0	860.5	844.2	844.2	860.5	860.5	876.7	871.2
47.5°	693.8	672.3	677.6	661.6	677.6	699.1	672.3	677.6
50°	521.7	521.7	510.9	521.7	516.2	521.7	510.9	500.2
52.5°	355.0	403.3	408.7	387.3	338.8	295.8	268.8	290.3
55°	204.4	182.9	182.9	177.4	166.7	161.4	145.2	161.4
57.5°	102.2	91.4	91.4	91.4	86.0	80.7	70.0	70.0
60°	43.0	37.7	37.7	32.2	27.0	21.5	16.2	21.5
62.5°	16.2	10.7	10.7	10.7	10.7	10.7	10.7	10.7
65°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
67.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
70°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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

(END OF REPORT)