

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P#

Luminaire Tested: **44ID-200-L840-CFR2**

Issue Date: 9/24/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (13890049.01)
Test Lab: INNOVATION CENTER
Issue Date: 9/24/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 44ID-200-L840-CFR2
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 4000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

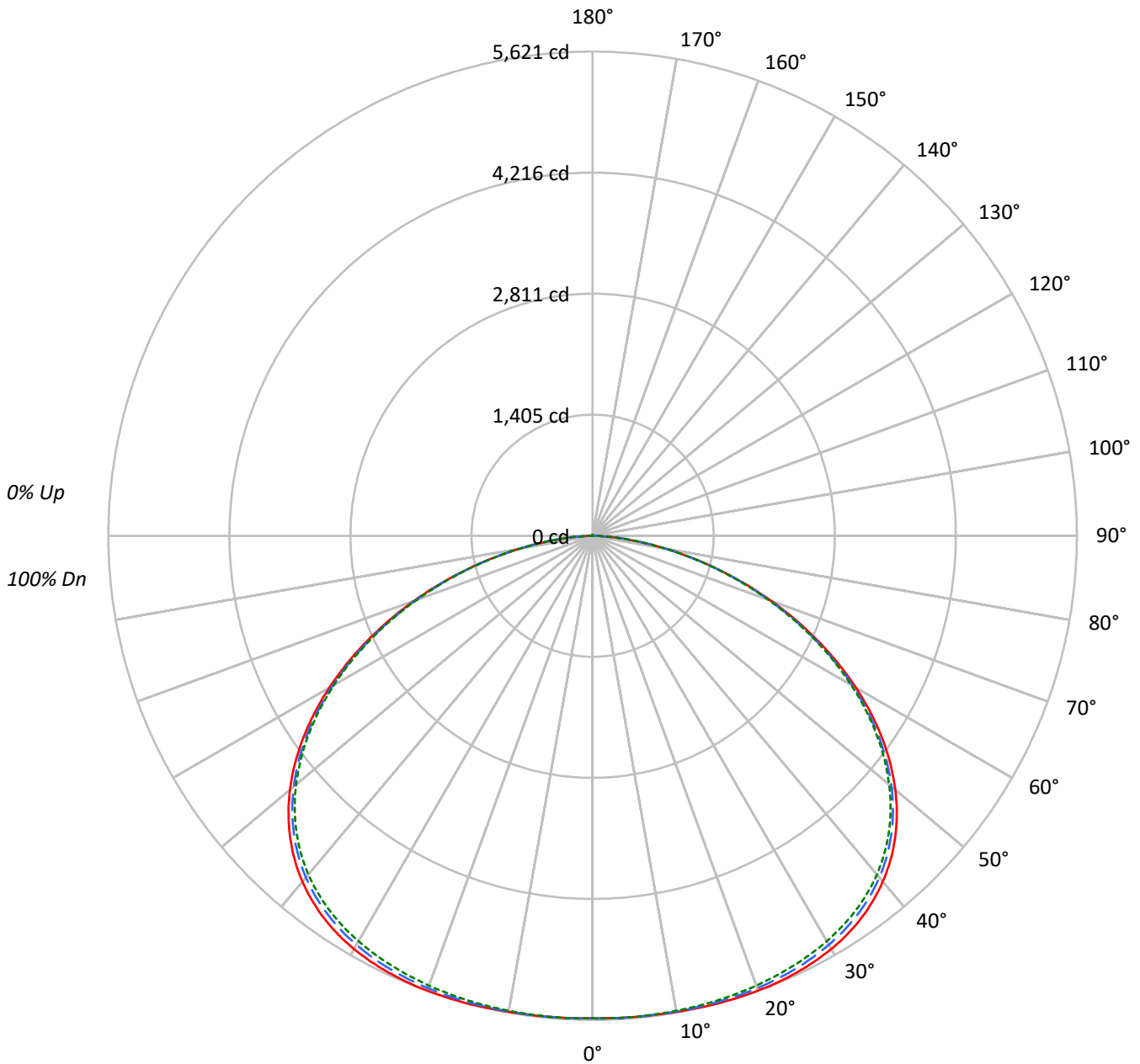
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20285.0 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular (W 3.88' x L: 3.88' x H: 0')
CIE Type: Direct

Input Watts (W): 164.2
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

TEST NUMBER: P#
CATALOG NUMBER: 44ID-200-L840-CFR2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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																			
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82																			
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68																			
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56																			
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47																			
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40																			
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35																			
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30																			
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27																			
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24																			
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21																			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3999	3999	3999
5°	4019	4019	4018
10°	4069	4065	4059
15°	4154	4142	4128
20°	4268	4246	4222
25°	4409	4374	4340
30°	4566	4520	4480
35°	4730	4675	4633
40°	4883	4825	4784
45°	5012	4950	4908
50°	5093	5031	4990
55°	5109	5046	5008
60°	5041	4979	4949
65°	4877	4822	4799
70°	4597	4549	4526
75°	4164	4138	4119
80°	3543	3555	3516
85°	2639	2703	2700



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	535.3	2.6
10°-20°	1587.8	7.8
20°-30°	2566.8	12.7
30°-40°	3362.0	16.6
40°-50°	3781.6	18.6
50°-60°	3618.6	17.8
60°-70°	2822.2	13.9
70°-80°	1590.5	7.8
80°-90°	393.6	1.9
90°-100°	1.4	0.0
100°-110°	2.3	0.0
110°-120°	4.1	0.0
120°-130°	6.4	0.0
130°-140°	5.1	0.0
140°-150°	3.1	0.0
150°-160°	2.3	0.0
160°-170°	1.5	0.0
170°-180°	0.6	0.0
0°-30°	4689.9	23.1
0°-40°	8051.8	39.7
0°-60°	15452.0	76.2
0°-90°	20258.2	99.9
90°-120°	7.8	0.0
90°-150°	22.4	0.1
90°-180°	27.0	0.1
0°-180°	20285.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5602	5602	5602	5602	5602	
5°	5608	5609	5608	5608	5606	535
15°	5620	5618	5605	5593	5586	1593
25°	5597	5587	5553	5522	5509	2587
35°	5427	5410	5364	5332	5317	3398
45°	4964	4942	4902	4879	4862	3824
55°	4105	4083	4054	4036	4024	3659
65°	2887	2876	2854	2846	2841	2850
75°	1510	1510	1500	1498	1493	1600
85°	322	326	330	332	330	374
90°	3	3	3	3	3	15
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	4	4	4	4	4	4
125°	8	8	8	7	7	7
135°	7	7	6	6	7	5
145°	5	5	5	4	5	3
155°	5	5	5	5	6	2
165°	5	5	5	5	6	1
175°	6	6	6	7	6	1
180°	5	5	5	5	5	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5602.1	5602.1	5602.1	5602.1	5602.1
0.5°	5600.8	5604.9	5606.2	5604.9	5602.1
1°	5602.1	5604.9	5606.2	5606.2	5603.5
1.5°	5603.5	5606.2	5606.2	5606.2	5604.9
2°	5603.5	5606.2	5606.2	5607.6	5604.9
2.5°	5604.9	5607.6	5607.6	5607.6	5604.9
3°	5606.2	5607.6	5607.6	5607.6	5606.2
3.5°	5606.2	5607.6	5607.6	5607.6	5606.2
4°	5607.6	5607.6	5607.6	5607.6	5606.2
4.5°	5607.6	5609.0	5607.6	5607.6	5606.2
5°	5607.6	5609.0	5607.6	5607.6	5606.2
5.5°	5607.6	5609.0	5607.6	5607.6	5606.2
6°	5609.0	5609.0	5607.6	5607.6	5604.9
6.5°	5609.0	5610.3	5609.0	5607.6	5604.9
7°	5609.0	5610.3	5607.6	5607.6	5604.9
7.5°	5609.0	5610.3	5607.6	5606.2	5603.5
8°	5610.3	5610.3	5609.0	5606.2	5603.5
8.5°	5610.3	5611.7	5607.6	5606.2	5602.1
9°	5611.7	5611.7	5609.0	5604.9	5602.1
9.5°	5611.7	5613.1	5607.6	5604.9	5600.8
10°	5613.1	5613.1	5607.6	5603.5	5599.4
10.5°	5614.4	5614.4	5607.6	5603.5	5599.4
11°	5614.4	5614.4	5607.6	5602.1	5598.0
11.5°	5615.8	5615.8	5607.6	5600.8	5596.7
12°	5615.8	5615.8	5607.6	5600.8	5595.3
12.5°	5617.2	5615.8	5606.2	5599.4	5593.9
13°	5617.2	5615.8	5606.2	5598.0	5592.6
13.5°	5618.5	5617.2	5606.2	5596.7	5591.2
14°	5618.5	5617.2	5606.2	5595.3	5588.5
14.5°	5619.9	5617.2	5604.9	5593.9	5587.1
15°	5619.9	5618.5	5604.9	5592.6	5585.7
15.5°	5621.3	5618.5	5603.5	5589.8	5583.0
16°	5619.9	5618.5	5602.1	5588.5	5580.3
16.5°	5621.3	5618.5	5602.1	5585.7	5577.5
17°	5621.3	5617.2	5600.8	5583.0	5576.2
17.5°	5621.3	5617.2	5598.0	5581.6	5573.4
18°	5621.3	5617.2	5596.7	5578.9	5569.3
18.5°	5621.3	5615.8	5595.3	5576.2	5566.6
19°	5619.9	5615.8	5593.9	5573.4	5563.9
19.5°	5619.9	5614.4	5591.2	5569.3	5559.8
20°	5618.5	5613.1	5588.5	5566.6	5557.0
20.5°	5617.2	5611.7	5587.1	5563.9	5552.9
21°	5617.2	5610.3	5584.4	5559.8	5548.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	5611.7	5603.5	5574.8	5547.5	5535.2
23°	5609.0	5600.8	5570.7	5543.4	5531.1
23.5°	5606.2	5598.0	5566.6	5537.9	5525.6
24°	5603.5	5595.3	5562.5	5532.4	5520.1
24.5°	5600.8	5591.2	5558.4	5527.0	5514.7
25°	5596.7	5587.1	5552.9	5521.5	5509.2
25.5°	5592.6	5583.0	5547.5	5516.0	5502.4
26°	5588.5	5578.9	5542.0	5510.6	5496.9
26.5°	5584.4	5573.4	5536.5	5503.7	5490.1
27°	5578.9	5568.0	5529.7	5496.9	5483.3
27.5°	5573.4	5562.5	5522.9	5490.1	5476.4
28°	5568.0	5555.7	5516.0	5483.3	5469.6
28.5°	5561.1	5548.8	5509.2	5475.1	5461.4
29°	5554.3	5542.0	5501.0	5466.9	5453.2
29.5°	5547.5	5533.8	5492.8	5458.7	5443.6
30°	5539.3	5525.6	5483.3	5449.1	5434.1
30.5°	5531.1	5517.4	5473.7	5439.5	5425.9
31°	5521.5	5507.8	5464.1	5430.0	5414.9
31.5°	5513.3	5498.3	5453.2	5420.4	5405.4
32°	5502.4	5487.4	5443.6	5409.5	5394.4
32.5°	5491.5	5476.4	5431.3	5397.2	5382.1
33°	5480.5	5464.1	5419.0	5386.2	5369.8
33.5°	5468.2	5451.8	5406.7	5373.9	5357.5
34°	5454.6	5438.2	5393.1	5360.3	5345.2
34.5°	5440.9	5424.5	5379.4	5346.6	5331.6
35°	5427.2	5409.5	5364.4	5331.6	5316.6
35.5°	5412.2	5394.4	5349.3	5316.6	5301.5
36°	5397.2	5378.0	5333.0	5301.5	5285.1
36.5°	5379.4	5361.6	5316.6	5285.1	5270.1
37°	5361.6	5343.9	5298.8	5267.4	5252.3
37.5°	5343.9	5324.8	5281.0	5249.6	5233.2
38°	5324.8	5307.0	5261.9	5231.8	5215.4
38.5°	5305.6	5286.5	5241.4	5211.3	5196.3
39°	5285.1	5264.6	5220.9	5192.2	5175.8
39.5°	5263.3	5242.8	5200.4	5170.4	5155.3
40°	5240.0	5220.9	5177.2	5148.5	5133.5
40.5°	5218.2	5197.7	5154.0	5126.6	5110.2
41°	5193.6	5173.1	5130.7	5102.0	5085.6
41.5°	5167.6	5147.1	5104.8	5077.4	5061.0
42°	5141.7	5121.2	5078.8	5052.8	5035.1
42.5°	5114.3	5093.8	5051.5	5025.5	5009.1
43°	5087.0	5065.1	5024.2	4998.2	4981.8
43.5°	5058.3	5036.4	4995.5	4969.5	4953.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4964.0	4942.2	4902.5	4879.3	4861.6
45.5°	4931.2	4908.0	4869.8	4846.5	4830.1
46°	4897.1	4873.9	4835.6	4812.4	4796.0
46.5°	4861.6	4838.3	4801.4	4778.2	4761.8
47°	4824.7	4802.8	4764.5	4744.0	4726.3
47.5°	4787.8	4764.5	4727.6	4707.2	4689.4
48°	4750.9	4726.3	4690.8	4668.9	4651.1
48.5°	4711.3	4688.0	4652.5	4632.0	4615.6
49°	4668.9	4647.0	4611.5	4589.6	4574.6
49.5°	4627.9	4606.0	4570.5	4550.0	4533.6
50°	4585.5	4562.3	4529.5	4509.0	4492.6
50.5°	4541.8	4518.6	4485.8	4465.3	4450.3
51°	4498.1	4474.9	4442.1	4421.6	4405.2
51.5°	4451.6	4428.4	4395.6	4376.5	4361.5
52°	4405.2	4382.0	4349.2	4331.4	4316.4
52.5°	4358.7	4335.5	4302.7	4283.6	4269.9
53°	4308.2	4286.3	4256.3	4238.5	4223.5
53.5°	4257.6	4235.8	4205.7	4187.9	4174.3
54°	4207.1	4185.2	4155.1	4137.4	4125.1
54.5°	4157.9	4134.6	4105.9	4088.2	4075.9
55°	4104.6	4082.7	4054.0	4036.3	4024.0
55.5°	4051.3	4029.4	4000.7	3983.0	3972.0
56°	3995.3	3974.8	3946.1	3931.1	3920.1
56.5°	3939.3	3920.1	3891.4	3876.4	3865.5
57°	3884.6	3864.1	3836.8	3823.1	3812.2
57.5°	3829.9	3808.1	3780.8	3767.1	3756.2
58°	3769.8	3749.3	3723.4	3709.7	3700.1
58.5°	3711.1	3691.9	3664.6	3652.3	3642.7
59°	3652.3	3633.2	3607.2	3594.9	3585.4
59.5°	3590.8	3573.1	3547.1	3534.8	3525.2
60°	3530.7	3511.6	3487.0	3476.1	3466.5
60.5°	3469.2	3452.8	3426.9	3415.9	3406.4
61°	3406.4	3390.0	3365.4	3354.4	3344.9
61.5°	3342.1	3328.5	3303.9	3293.0	3284.8
62°	3279.3	3265.6	3241.0	3231.5	3223.3
62.5°	3215.1	3201.4	3176.8	3167.3	3159.1
63°	3150.9	3137.2	3114.0	3104.4	3096.2
63.5°	3085.3	3071.6	3049.7	3040.2	3032.0
64°	3019.7	3006.0	2982.8	2976.0	2966.4
64.5°	2954.1	2940.4	2917.2	2910.4	2902.2
65°	2887.1	2876.2	2854.4	2846.2	2840.7
65.5°	2821.6	2807.9	2787.4	2780.6	2772.4
66°	2751.9	2740.9	2720.4	2713.6	2708.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2549.7	2537.4	2519.6	2512.8	2505.9
68°	2480.0	2469.0	2451.3	2445.8	2439.0
68.5°	2410.3	2399.4	2381.6	2377.5	2373.4
69°	2340.6	2329.7	2314.6	2310.5	2305.1
69.5°	2272.3	2261.3	2247.7	2243.6	2236.8
70°	2202.6	2193.0	2179.4	2175.3	2168.4
70.5°	2132.9	2123.3	2111.0	2106.9	2100.1
71°	2063.2	2055.0	2044.1	2038.6	2031.8
71.5°	1994.9	1986.7	1974.4	1970.3	1964.8
72°	1925.2	1918.4	1906.1	1903.4	1896.5
72.5°	1855.5	1850.1	1837.8	1835.0	1829.6
73°	1785.8	1780.4	1768.1	1765.4	1761.3
73.5°	1717.5	1712.1	1701.1	1697.0	1692.9
74°	1649.2	1645.1	1634.2	1631.4	1626.0
74.5°	1579.5	1576.8	1567.2	1563.1	1559.0
75°	1509.8	1509.8	1500.3	1497.5	1493.4
75.5°	1442.9	1442.9	1433.3	1430.6	1426.5
76°	1375.9	1375.9	1366.4	1363.8	1358.3
76.5°	1308.3	1308.8	1300.8	1297.9	1293.4
77°	1243.5	1244.1	1236.8	1233.2	1228.6
77.5°	1174.3	1177.5	1171.5	1168.2	1163.7
78°	1109.6	1113.7	1107.6	1105.0	1101.2
78.5°	1048.7	1051.3	1047.3	1044.2	1038.9
79°	984.9	986.9	984.3	981.6	976.4
79.5°	922.0	925.4	923.7	921.2	915.2
80°	861.8	864.2	864.6	861.0	855.3
80.5°	798.4	803.4	804.2	800.6	797.7
81°	739.8	744.5	745.9	743.7	739.9
81.5°	682.1	687.7	688.9	687.7	682.8
82°	624.3	631.1	633.2	632.2	626.8
82.5°	569.1	576.7	578.9	578.1	573.1
83°	515.5	523.9	525.9	526.6	522.0
83.5°	463.7	471.7	474.3	475.1	470.0
84°	414.0	421.1	424.4	425.8	421.5
84.5°	366.7	372.5	376.4	378.2	376.2
85°	322.2	326.3	330.0	332.4	329.6
85.5°	279.0	282.3	285.0	288.9	286.5
86°	238.8	242.1	244.0	247.0	247.0
86.5°	200.6	202.1	203.6	207.1	207.1
87°	164.0	164.1	164.6	169.2	169.3
87.5°	126.5	127.6	128.2	132.1	133.5
88°	89.2	92.4	93.2	96.9	96.6
88.5°	63.1	63.1	63.0	66.7	67.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	3.0	2.9	3.0	3.1	2.9
90.5°	1.0	0.8	1.0	1.1	1.0
91°	1.0	0.8	0.8	1.0	0.8
91.5°	1.2	1.0	1.1	0.8	0.7
92°	1.0	1.0	1.0	1.1	1.0
92.5°	1.1	1.0	1.0	1.1	1.0
93°	1.1	1.1	1.1	1.0	0.8
93.5°	1.2	1.0	1.1	1.1	1.2
94°	1.2	1.1	1.2	1.1	1.4
94.5°	1.2	1.2	1.1	1.2	1.2
95°	1.2	1.0	1.2	1.1	1.4
95.5°	1.1	1.2	1.4	1.2	1.4
96°	1.5	1.5	1.2	1.2	1.4
96.5°	1.5	1.4	1.4	1.2	1.4
97°	1.5	1.4	1.5	1.2	1.6
97.5°	1.6	1.4	1.4	1.2	1.6
98°	1.8	1.5	1.5	1.5	1.8
98.5°	1.8	1.5	1.4	1.4	1.6
99°	1.6	1.6	1.5	1.4	1.5
99.5°	1.8	1.4	1.6	1.5	1.5
100°	1.8	1.6	1.6	1.6	1.8
100.5°	1.8	1.8	1.6	1.8	1.8
101°	1.9	1.6	1.6	1.6	1.6
101.5°	2.0	1.6	1.8	1.8	1.9
102°	2.2	1.8	1.9	1.8	1.9
102.5°	1.9	1.8	1.8	1.9	1.9
103°	1.9	1.6	1.9	1.8	1.9
103.5°	2.0	2.0	1.9	1.9	1.8
104°	2.3	2.0	2.0	1.9	1.8
104.5°	2.0	2.2	2.2	2.2	1.9
105°	2.5	2.2	2.0	2.3	2.3
105.5°	2.3	1.9	2.2	2.0	2.0
106°	2.2	2.2	2.3	2.3	2.5
106.5°	2.5	2.2	2.3	2.2	2.0
107°	2.3	2.3	2.5	2.5	2.2
107.5°	2.6	2.3	2.5	2.6	2.5
108°	2.6	2.3	2.2	2.6	2.3
108.5°	2.6	2.6	2.6	2.5	2.3
109°	2.7	2.6	2.6	2.6	2.7
109.5°	2.9	2.5	2.9	2.7	2.5
110°	2.7	2.7	2.7	2.9	2.7
110.5°	2.9	2.7	2.9	2.9	3.0
111°	2.9	3.0	3.0	3.0	2.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	3.3	3.4	3.6	3.4	3.1
113°	3.7	3.3	3.3	3.4	3.4
113.5°	3.7	3.7	3.7	3.8	3.8
114°	3.8	3.8	4.0	4.0	3.8
114.5°	4.1	4.1	4.0	4.0	3.7
115°	4.1	4.1	4.0	4.1	4.0
115.5°	4.5	4.1	4.4	4.2	4.0
116°	4.4	4.5	4.5	4.4	4.2
116.5°	4.6	4.6	4.6	4.6	4.5
117°	4.9	4.9	4.9	4.9	4.4
117.5°	5.2	4.9	5.1	4.9	4.6
118°	5.2	5.1	5.3	5.1	4.8
118.5°	5.6	5.3	5.3	5.2	5.1
119°	5.6	5.6	5.7	5.3	5.3
119.5°	5.7	5.7	5.7	5.6	5.5
120°	6.0	6.0	5.9	5.7	5.9
120.5°	6.1	5.9	6.1	6.0	5.9
121°	6.1	6.1	6.1	6.1	5.9
121.5°	6.8	6.6	6.4	6.1	6.1
122°	6.4	6.8	6.6	6.4	6.6
122.5°	7.0	6.8	6.7	6.7	6.4
123°	7.1	7.1	6.8	6.8	6.7
123.5°	7.1	7.4	7.0	6.7	7.0
124°	7.2	7.4	7.2	7.0	7.0
124.5°	7.7	7.4	7.2	7.1	7.1
125°	7.9	7.7	7.5	7.4	7.4
125.5°	7.9	7.8	7.5	7.4	7.5
126°	7.9	7.7	7.5	7.5	7.4
126.5°	7.7	7.8	7.9	7.5	7.7
127°	7.9	7.9	7.7	7.5	7.4
127.5°	8.2	8.1	7.9	7.5	7.4
128°	8.2	7.8	7.8	7.5	7.7
128.5°	7.9	7.9	7.7	7.4	7.7
129°	7.8	7.8	7.7	7.5	7.4
129.5°	7.7	7.8	7.7	7.5	7.5
130°	7.7	7.8	7.5	7.2	7.4
130.5°	7.9	7.7	7.7	7.0	7.4
131°	7.5	7.5	7.5	7.1	7.2
131.5°	7.7	7.4	7.1	7.0	7.1
132°	7.5	7.2	7.2	7.0	7.0
132.5°	7.5	7.2	7.1	7.0	7.1
133°	7.2	7.0	7.0	6.6	6.8
133.5°	7.4	7.0	6.7	6.4	6.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	7.1	6.7	6.4	6.3	6.8
135.5°	6.7	6.8	6.4	6.1	6.6
136°	6.6	6.4	6.1	5.9	6.6
136.5°	6.7	6.4	6.1	5.9	6.4
137°	6.6	6.3	6.1	5.9	6.3
137.5°	6.4	6.1	6.0	5.6	6.0
138°	6.3	6.0	5.7	5.6	6.0
138.5°	6.4	6.0	5.9	5.5	5.9
139°	5.6	5.9	5.7	5.2	6.0
139.5°	6.0	5.6	5.5	5.3	5.9
140°	5.9	5.5	5.6	5.2	5.5
140.5°	5.9	5.5	5.5	5.2	5.5
141°	5.6	5.5	5.3	4.9	5.2
141.5°	5.2	5.5	5.5	4.9	5.2
142°	5.1	5.1	5.3	5.1	4.8
142.5°	5.1	5.3	5.2	4.9	4.8
143°	5.3	5.2	5.2	5.1	4.8
143.5°	5.3	5.2	5.2	4.8	4.8
144°	5.3	4.9	5.3	4.6	4.9
144.5°	5.1	4.9	5.1	4.8	4.9
145°	5.2	4.9	5.1	4.5	4.9
145.5°	5.1	4.8	4.9	4.5	5.2
146°	5.1	4.8	4.6	4.5	4.9
146.5°	5.2	4.8	4.6	4.5	4.9
147°	5.1	4.8	4.5	4.6	4.6
147.5°	4.9	4.8	4.5	4.6	5.1
148°	5.1	4.8	4.6	4.5	5.1
148.5°	5.2	4.9	4.6	4.5	5.1
149°	5.1	4.8	4.6	4.5	5.1
149.5°	5.3	4.6	4.6	4.5	5.2
150°	5.2	4.9	4.6	4.5	5.1
150.5°	5.1	4.8	4.6	4.6	5.1
151°	5.3	4.8	4.5	4.6	5.3
151.5°	5.2	4.9	4.5	4.6	5.3
152°	5.3	4.9	4.8	4.9	5.1
152.5°	5.3	5.1	4.6	4.8	5.3
153°	5.2	4.9	4.8	5.1	5.5
153.5°	5.6	5.1	4.6	4.9	5.3
154°	5.3	5.1	4.9	4.9	5.3
154.5°	5.3	4.9	4.9	5.2	5.5
155°	5.1	5.1	5.1	5.2	5.6
155.5°	5.3	4.9	4.9	5.1	5.5
156°	5.1	5.1	5.1	5.1	5.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	5.1	4.8	4.9	5.2	5.3
158°	5.5	5.1	4.9	5.1	5.5
158.5°	5.2	5.1	4.8	5.1	5.3
159°	5.3	5.1	4.9	5.1	5.6
159.5°	5.2	4.9	4.9	5.1	5.7
160°	5.2	5.1	4.8	5.1	5.5
160.5°	5.1	4.9	4.9	5.2	5.5
161°	5.1	4.9	4.9	5.2	5.5
161.5°	5.2	5.1	4.9	4.9	5.2
162°	5.1	4.9	5.1	5.2	5.2
162.5°	5.3	5.2	5.1	5.1	5.3
163°	5.3	5.1	5.2	5.2	5.2
163.5°	5.2	5.1	5.2	5.2	5.6
164°	5.1	5.2	5.1	5.5	5.5
164.5°	4.9	5.3	5.2	5.5	5.6
165°	5.1	5.1	4.9	5.3	5.5
165.5°	4.8	5.1	4.9	5.7	5.5
166°	5.2	5.2	5.1	5.5	5.3
166.5°	5.2	5.1	4.9	5.6	5.1
167°	5.1	5.5	5.1	5.7	5.6
167.5°	5.2	5.5	5.2	5.9	5.6
168°	5.3	5.3	5.1	5.7	5.5
168.5°	5.2	5.6	5.3	6.1	5.6
169°	5.6	5.5	5.1	6.1	5.6
169.5°	5.5	5.5	5.2	6.0	5.7
170°	5.6	5.5	5.3	6.1	5.6
170.5°	5.6	5.7	5.3	6.1	5.9
171°	5.6	5.6	5.6	6.1	6.0
171.5°	5.5	5.6	5.6	6.3	5.7
172°	5.5	5.6	5.7	6.3	5.9
172.5°	5.7	5.7	5.9	6.3	5.9
173°	5.5	5.5	5.9	6.3	6.0
173.5°	5.9	5.7	6.0	6.1	6.1
174°	6.0	6.0	6.4	6.3	6.0
174.5°	6.0	6.3	6.3	6.6	6.3
175°	6.4	6.3	6.4	6.6	6.1
175.5°	6.4	6.3	6.7	6.4	6.4
176°	6.7	6.6	6.4	6.3	6.3
176.5°	6.8	6.4	6.6	6.0	6.3
177°	6.6	6.4	6.1	6.0	6.3
177.5°	6.7	6.4	6.0	5.9	6.4
178°	6.3	6.1	5.9	5.9	6.0
178.5°	6.1	6.0	5.7	5.7	5.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L840-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	5.3	5.3	5.3	5.3	5.3



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - - 90°-270°







21.5°	5615.8	5609.0	5581.6	5555.7	5544.7
22°	5613.1	5606.2	5577.5	5551.6	5540.6



44°	5026.9	5006.4	4965.4	4940.8	4924.4
44.5°	4995.5	4973.6	4935.3	4909.4	4893.0



66.5°	2684.9	2674.0	2653.5	2646.7	2639.8
67°	2618.0	2605.7	2586.5	2579.7	2574.2



89°	39.9	39.2	38.8	40.9	41.4
89.5°	17.6	17.9	17.5	18.7	18.4



111.5°	3.4	3.0	3.1	3.1	3.0
112°	3.4	3.1	3.1	3.1	3.4



134°	7.0	6.8	6.7	6.6	7.0
134.5°	7.1	6.7	6.7	6.3	6.6



156.5°	5.3	4.9	5.1	5.2	5.3
157°	5.2	4.9	5.1	5.1	5.3



179°	5.9	5.7	5.5	5.6	5.9
179.5°	5.2	5.5	5.3	5.2	5.6



(END OF REPORT)