

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-L940-CFD2**

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**

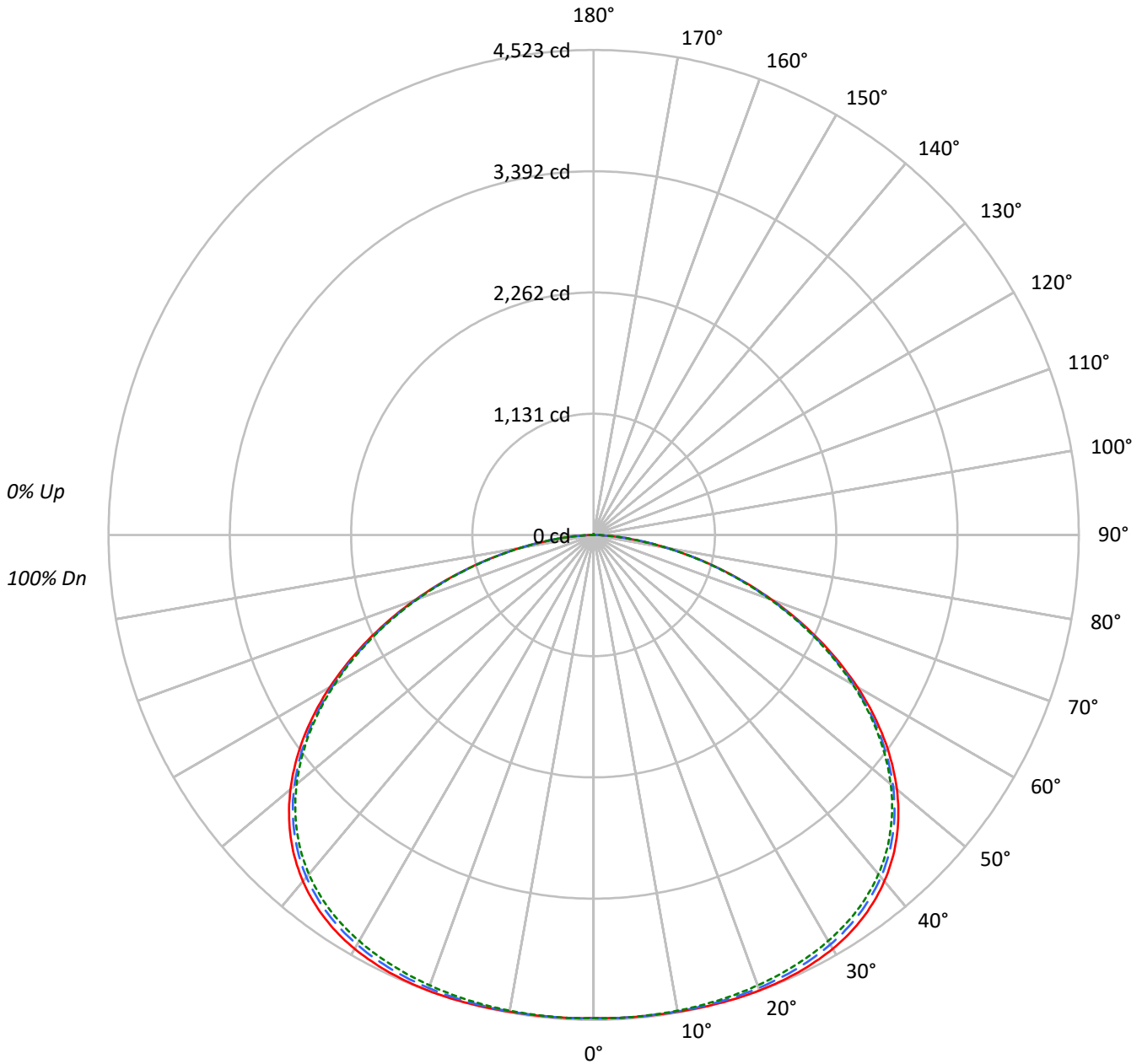
Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 13890049.01)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/24/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 44ID-200-L940-CFD2  
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 4000K CCT, 90CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16321.0 lumens  
Efficiency: N/A  
Efficacy: 99.4 lumens/watt  
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57  
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')  
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-L940-CFD2

### Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**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								
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°	3218	3218	3218
5°	3221	3216	3220
10°	3249	3236	3241
15°	3304	3280	3284
20°	3382	3342	3345
25°	3477	3422	3423
30°	3585	3514	3517
35°	3695	3608	3619
40°	3793	3694	3715
45°	3866	3754	3787
50°	3898	3775	3819
55°	3873	3736	3797
60°	3775	3625	3707
65°	3593	3433	3535
70°	3309	3137	3258
75°	2888	2715	2857
80°	2293	2128	2275
85°	1424	1284	1457



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	430.7	2.6
10°-20°	1277.5	7.8
20°-30°	2065.2	12.7
30°-40°	2705.0	16.6
40°-50°	3042.6	18.6
50°-60°	2911.4	17.8
60°-70°	2270.7	13.9
70°-80°	1279.7	7.8
80°-90°	316.6	1.9
90°-100°	1.1	0.0
100°-110°	1.8	0.0
110°-120°	3.3	0.0
120°-130°	5.2	0.0
130°-140°	4.1	0.0
140°-150°	2.5	0.0
150°-160°	1.9	0.0
160°-170°	1.2	0.0
170°-180°	0.5	0.0
0°-30°	3773.4	23.1
0°-40°	6478.4	39.7
0°-60°	12432.4	76.2
0°-90°	16299.4	99.9
90°-120°	6.3	0.0
90°-150°	18.0	0.1
90°-180°	22.0	0.1
0°-180°	16321.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4507	4507	4507	4507	4507	
5°	4512	4513	4512	4512	4511	431
15°	4522	4521	4510	4500	4494	1282
25°	4503	4495	4468	4442	4433	2081
35°	4367	4352	4316	4290	4278	2734
45°	3994	3976	3944	3926	3912	3077
55°	3302	3285	3262	3248	3238	2944
65°	2323	2314	2297	2290	2286	2293
75°	1215	1215	1207	1205	1202	1287
85°	259	262	266	268	265	301
90°	2	2	2	2	2	12
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	3	3	3	3	3	3
125°	6	6	6	6	6	5
135°	6	5	5	5	6	4
145°	4	4	4	4	4	3
155°	4	4	4	4	4	2
165°	4	4	4	4	4	1
175°	5	5	5	5	5	0
180°	4	4	4	4	4	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4507.4	4507.4	4507.4	4507.4	4507.4
0.5°	4506.3	4509.6	4510.7	4509.6	4507.4
1°	4507.4	4509.6	4510.7	4510.7	4508.5
1.5°	4508.5	4510.7	4510.7	4510.7	4509.6
2°	4508.5	4510.7	4510.7	4511.8	4509.6
2.5°	4509.6	4511.8	4511.8	4511.8	4509.6
3°	4510.7	4511.8	4511.8	4511.8	4510.7
3.5°	4510.7	4511.8	4511.8	4511.8	4510.7
4°	4511.8	4511.8	4511.8	4511.8	4510.7
4.5°	4511.8	4512.9	4511.8	4511.8	4510.7
5°	4511.8	4512.9	4511.8	4511.8	4510.7
5.5°	4511.8	4512.9	4511.8	4511.8	4510.7
6°	4512.9	4512.9	4511.8	4511.8	4509.6
6.5°	4512.9	4514.0	4512.9	4511.8	4509.6
7°	4512.9	4514.0	4511.8	4511.8	4509.6
7.5°	4512.9	4514.0	4511.8	4510.7	4508.5
8°	4514.0	4514.0	4512.9	4510.7	4508.5
8.5°	4514.0	4515.1	4511.8	4510.7	4507.4
9°	4515.1	4515.1	4512.9	4509.6	4507.4
9.5°	4515.1	4516.2	4511.8	4509.6	4506.3
10°	4516.2	4516.2	4511.8	4508.5	4505.2
10.5°	4517.3	4517.3	4511.8	4508.5	4505.2
11°	4517.3	4517.3	4511.8	4507.4	4504.1
11.5°	4518.4	4518.4	4511.8	4506.3	4503.0
12°	4518.4	4518.4	4511.8	4506.3	4501.9
12.5°	4519.5	4518.4	4510.7	4505.2	4500.8
13°	4519.5	4518.4	4510.7	4504.1	4499.7
13.5°	4520.6	4519.5	4510.7	4503.0	4498.6
14°	4520.6	4519.5	4510.7	4501.9	4496.4
14.5°	4521.7	4519.5	4509.6	4500.8	4495.3
15°	4521.7	4520.6	4509.6	4499.7	4494.2
15.5°	4522.8	4520.6	4508.5	4497.5	4492.0
16°	4521.7	4520.6	4507.4	4496.4	4489.8
16.5°	4522.8	4520.6	4507.4	4494.2	4487.6
17°	4522.8	4519.5	4506.3	4492.0	4486.5
17.5°	4522.8	4519.5	4504.1	4490.9	4484.3
18°	4522.8	4519.5	4503.0	4488.7	4481.0
18.5°	4522.8	4518.4	4501.9	4486.5	4478.8
19°	4521.7	4518.4	4500.8	4484.3	4476.6
19.5°	4521.7	4517.3	4498.6	4481.0	4473.3
20°	4520.6	4516.2	4496.4	4478.8	4471.1
20.5°	4519.5	4515.1	4495.3	4476.6	4467.8
21°	4519.5	4514.0	4493.1	4473.3	4464.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	4515.1	4508.5	4485.4	4463.4	4453.5
23°	4512.9	4506.3	4482.1	4460.1	4450.2
23.5°	4510.7	4504.1	4478.8	4455.7	4445.8
24°	4508.5	4501.9	4475.5	4451.3	4441.4
24.5°	4506.3	4498.6	4472.2	4446.9	4437.0
25°	4503.0	4495.3	4467.8	4442.5	4432.6
25.5°	4499.7	4492.0	4463.4	4438.1	4427.1
26°	4496.4	4488.7	4459.0	4433.7	4422.7
26.5°	4493.1	4484.3	4454.6	4428.2	4417.2
27°	4488.7	4479.9	4449.1	4422.7	4411.7
27.5°	4484.3	4475.5	4443.6	4417.2	4406.2
28°	4479.9	4470.0	4438.1	4411.7	4400.7
28.5°	4474.4	4464.5	4432.6	4405.1	4394.2
29°	4468.9	4459.0	4426.0	4398.5	4387.6
29.5°	4463.4	4452.4	4419.4	4392.0	4379.9
30°	4456.8	4445.8	4411.7	4384.3	4372.2
30.5°	4450.2	4439.2	4404.0	4376.6	4365.6
31°	4442.5	4431.5	4396.4	4368.9	4356.8
31.5°	4435.9	4423.8	4387.6	4361.2	4349.1
32°	4427.1	4415.0	4379.9	4352.4	4340.3
32.5°	4418.3	4406.2	4370.0	4342.5	4330.4
33°	4409.5	4396.4	4360.1	4333.7	4320.5
33.5°	4399.6	4386.5	4350.2	4323.8	4310.6
34°	4388.7	4375.5	4339.2	4312.8	4300.7
34.5°	4377.7	4364.5	4328.2	4301.8	4289.7
35°	4366.7	4352.4	4316.1	4289.7	4277.6
35.5°	4354.6	4340.3	4304.0	4277.6	4265.5
36°	4342.5	4327.1	4290.8	4265.5	4252.3
36.5°	4328.2	4313.9	4277.6	4252.3	4240.2
37°	4313.9	4299.6	4263.3	4238.0	4225.9
37.5°	4299.6	4284.2	4249.0	4223.8	4210.6
38°	4284.2	4269.9	4233.6	4209.5	4196.3
38.5°	4268.8	4253.4	4217.2	4193.0	4180.9
39°	4252.3	4235.8	4200.7	4177.6	4164.4
39.5°	4234.7	4218.3	4184.2	4160.0	4147.9
40°	4216.1	4200.7	4165.5	4142.4	4130.3
40.5°	4198.5	4182.0	4146.8	4124.8	4111.6
41°	4178.7	4162.2	4128.1	4105.0	4091.8
41.5°	4157.8	4141.3	4107.2	4085.2	4072.0
42°	4136.9	4120.4	4086.3	4065.4	4051.2
42.5°	4114.9	4098.4	4064.3	4043.5	4030.3
43°	4092.9	4075.3	4042.4	4021.5	4008.3
43.5°	4069.8	4052.3	4019.3	3998.4	3985.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	3994.0	3976.4	3944.5	3925.8	3911.5
45.5°	3967.6	3948.9	3918.1	3899.4	3886.2
46°	3940.1	3921.4	3890.6	3872.0	3858.8
46.5°	3911.5	3892.8	3863.2	3844.5	3831.3
47°	3881.8	3864.3	3833.5	3817.0	3802.7
47.5°	3852.2	3833.5	3803.8	3787.3	3773.0
48°	3822.5	3802.7	3774.1	3756.5	3742.2
48.5°	3790.6	3771.9	3743.3	3726.8	3713.6
49°	3756.5	3738.9	3710.3	3692.8	3680.7
49.5°	3723.5	3706.0	3677.4	3660.9	3647.7
50°	3689.5	3670.8	3644.4	3627.9	3614.7
50.5°	3654.3	3635.6	3609.2	3592.7	3580.6
51°	3619.1	3600.4	3574.0	3557.5	3544.3
51.5°	3581.7	3563.0	3536.6	3521.3	3509.2
52°	3544.3	3525.7	3499.3	3485.0	3472.9
52.5°	3507.0	3488.3	3461.9	3446.5	3435.5
53°	3466.3	3448.7	3424.5	3410.2	3398.1
53.5°	3425.6	3408.0	3383.8	3369.5	3358.6
54°	3384.9	3367.3	3343.2	3328.9	3319.0
54.5°	3345.4	3326.7	3303.6	3289.3	3279.4
55°	3302.5	3284.9	3261.8	3247.5	3237.6
55.5°	3259.6	3242.0	3218.9	3204.6	3195.8
56°	3214.5	3198.0	3175.0	3162.9	3154.1
56.5°	3169.5	3154.1	3131.0	3118.9	3110.1
57°	3125.5	3109.0	3087.0	3076.0	3067.2
57.5°	3081.5	3063.9	3041.9	3030.9	3022.1
58°	3033.1	3016.7	2995.8	2984.8	2977.1
58.5°	2985.9	2970.5	2948.5	2938.6	2930.9
59°	2938.6	2923.2	2902.3	2892.4	2884.7
59.5°	2889.1	2874.8	2853.9	2844.1	2836.4
60°	2840.8	2825.4	2805.6	2796.8	2789.1
60.5°	2791.3	2778.1	2757.2	2748.4	2740.7
61°	2740.7	2727.5	2707.7	2698.9	2691.2
61.5°	2689.0	2678.0	2658.3	2649.5	2642.9
62°	2638.5	2627.5	2607.7	2600.0	2593.4
62.5°	2586.8	2575.8	2556.0	2548.3	2541.7
63°	2535.1	2524.1	2505.4	2497.8	2491.2
63.5°	2482.4	2471.4	2453.8	2446.1	2439.5
64°	2429.6	2418.6	2399.9	2394.4	2386.7
64.5°	2376.8	2365.8	2347.1	2341.6	2335.0
65°	2323.0	2314.2	2296.6	2290.0	2285.6
65.5°	2270.2	2259.2	2242.7	2237.2	2230.6
66°	2214.1	2205.3	2188.8	2183.3	2178.9





TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	2051.4	2041.5	2027.2	2021.7	2016.2
68°	1995.3	1986.5	1972.3	1967.9	1962.4
68.5°	1939.3	1930.5	1916.2	1912.9	1909.6
69°	1883.2	1874.4	1862.3	1859.0	1854.6
69.5°	1828.2	1819.4	1808.5	1805.2	1799.7
70°	1772.2	1764.5	1753.5	1750.2	1744.7
70.5°	1716.1	1708.4	1698.5	1695.2	1689.7
71°	1660.0	1653.4	1644.6	1640.2	1634.8
71.5°	1605.1	1598.5	1588.6	1585.3	1580.9
72°	1549.0	1543.5	1533.6	1531.4	1525.9
72.5°	1492.9	1488.5	1478.6	1476.4	1472.0
73°	1436.9	1432.5	1422.6	1420.4	1417.1
73.5°	1381.9	1377.5	1368.7	1365.4	1362.1
74°	1326.9	1323.6	1314.8	1312.6	1308.2
74.5°	1270.9	1268.7	1261.0	1257.7	1254.4
75°	1214.8	1214.8	1207.1	1204.9	1201.6
75.5°	1160.9	1160.9	1153.2	1151.0	1147.7
76°	1107.1	1107.1	1099.4	1097.3	1092.9
76.5°	1052.6	1053.1	1046.6	1044.3	1040.7
77°	1000.5	1001.0	995.1	992.2	988.5
77.5°	944.8	947.4	942.6	940.0	936.3
78°	892.8	896.1	891.1	889.1	886.0
78.5°	843.8	845.8	842.7	840.1	835.8
79°	792.4	794.1	792.0	789.8	785.6
79.5°	741.8	744.6	743.2	741.2	736.4
80°	693.4	695.3	695.7	692.7	688.2
80.5°	642.4	646.4	647.1	644.1	641.8
81°	595.2	599.0	600.1	598.4	595.3
81.5°	548.8	553.3	554.3	553.3	549.4
82°	502.3	507.8	509.4	508.7	504.3
82.5°	457.9	464.0	465.8	465.1	461.1
83°	414.8	421.5	423.1	423.7	420.0
83.5°	373.1	379.5	381.6	382.2	378.2
84°	333.1	338.8	341.5	342.6	339.2
84.5°	295.1	299.7	302.9	304.3	302.7
85°	259.2	262.5	265.5	267.5	265.2
85.5°	224.5	227.1	229.3	232.4	230.5
86°	192.2	194.8	196.3	198.8	198.8
86.5°	161.4	162.6	163.8	166.7	166.7
87°	131.9	132.0	132.5	136.1	136.2
87.5°	101.8	102.7	103.1	106.3	107.4
88°	71.8	74.3	75.0	77.9	77.7
88.5°	50.8	50.8	50.7	53.6	54.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	2.4	2.3	2.4	2.5	2.3
90.5°	0.8	0.7	0.8	0.9	0.8
91°	0.8	0.7	0.7	0.8	0.7
91.5°	1.0	0.8	0.9	0.7	0.5
92°	0.8	0.8	0.8	0.9	0.8
92.5°	0.9	0.8	0.8	0.9	0.8
93°	0.9	0.9	0.9	0.8	0.7
93.5°	1.0	0.8	0.9	0.9	1.0
94°	1.0	0.9	1.0	0.9	1.1
94.5°	1.0	1.0	0.9	1.0	1.0
95°	1.0	0.8	1.0	0.9	1.1
95.5°	0.9	1.0	1.1	1.0	1.1
96°	1.2	1.2	1.0	1.0	1.1
96.5°	1.2	1.1	1.1	1.0	1.1
97°	1.2	1.1	1.2	1.0	1.3
97.5°	1.3	1.1	1.1	1.0	1.3
98°	1.4	1.2	1.2	1.2	1.4
98.5°	1.4	1.2	1.1	1.1	1.3
99°	1.3	1.3	1.2	1.1	1.2
99.5°	1.4	1.1	1.3	1.2	1.2
100°	1.4	1.3	1.3	1.3	1.4
100.5°	1.4	1.4	1.3	1.4	1.4
101°	1.5	1.3	1.3	1.3	1.3
101.5°	1.6	1.3	1.4	1.4	1.5
102°	1.8	1.4	1.5	1.4	1.5
102.5°	1.5	1.4	1.4	1.5	1.5
103°	1.5	1.3	1.5	1.4	1.5
103.5°	1.6	1.6	1.5	1.5	1.4
104°	1.9	1.6	1.6	1.5	1.4
104.5°	1.6	1.8	1.8	1.8	1.5
105°	2.0	1.8	1.6	1.9	1.9
105.5°	1.9	1.5	1.8	1.6	1.6
106°	1.8	1.8	1.9	1.9	2.0
106.5°	2.0	1.8	1.9	1.8	1.6
107°	1.9	1.9	2.0	2.0	1.8
107.5°	2.1	1.9	2.0	2.1	2.0
108°	2.1	1.9	1.8	2.1	1.9
108.5°	2.1	2.1	2.1	2.0	1.9
109°	2.2	2.1	2.1	2.1	2.2
109.5°	2.3	2.0	2.3	2.2	2.0
110°	2.2	2.2	2.2	2.3	2.2
110.5°	2.3	2.2	2.3	2.3	2.4
111°	2.3	2.4	2.4	2.4	2.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	2.6	2.7	2.9	2.7	2.5
113°	3.0	2.6	2.6	2.7	2.7
113.5°	3.0	3.0	3.0	3.1	3.1
114°	3.1	3.1	3.2	3.2	3.1
114.5°	3.3	3.3	3.2	3.2	3.0
115°	3.3	3.3	3.2	3.3	3.2
115.5°	3.6	3.3	3.5	3.4	3.2
116°	3.5	3.6	3.6	3.5	3.4
116.5°	3.7	3.7	3.7	3.7	3.6
117°	4.0	4.0	4.0	4.0	3.5
117.5°	4.2	4.0	4.1	4.0	3.7
118°	4.2	4.1	4.3	4.1	3.8
118.5°	4.5	4.3	4.3	4.2	4.1
119°	4.5	4.5	4.6	4.3	4.3
119.5°	4.6	4.6	4.6	4.5	4.4
120°	4.8	4.8	4.7	4.6	4.7
120.5°	4.9	4.7	4.9	4.8	4.7
121°	4.9	4.9	4.9	4.9	4.7
121.5°	5.5	5.3	5.2	4.9	4.9
122°	5.2	5.5	5.3	5.2	5.3
122.5°	5.6	5.5	5.4	5.4	5.2
123°	5.7	5.7	5.5	5.5	5.4
123.5°	5.7	5.9	5.6	5.4	5.6
124°	5.8	5.9	5.8	5.6	5.6
124.5°	6.2	5.9	5.8	5.7	5.7
125°	6.4	6.2	6.0	5.9	5.9
125.5°	6.4	6.3	6.0	5.9	6.0
126°	6.4	6.2	6.0	6.0	5.9
126.5°	6.2	6.3	6.4	6.0	6.2
127°	6.4	6.4	6.2	6.0	5.9
127.5°	6.6	6.5	6.4	6.0	5.9
128°	6.6	6.3	6.3	6.0	6.2
128.5°	6.4	6.4	6.2	5.9	6.2
129°	6.3	6.3	6.2	6.0	5.9
129.5°	6.2	6.3	6.2	6.0	6.0
130°	6.2	6.3	6.0	5.8	5.9
130.5°	6.4	6.2	6.2	5.6	5.9
131°	6.0	6.0	6.0	5.7	5.8
131.5°	6.2	5.9	5.7	5.6	5.7
132°	6.0	5.8	5.8	5.6	5.6
132.5°	6.0	5.8	5.7	5.6	5.7
133°	5.8	5.6	5.6	5.3	5.5
133.5°	5.9	5.6	5.4	5.2	5.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	5.7	5.4	5.2	5.1	5.5
135.5°	5.4	5.5	5.2	4.9	5.3
136°	5.3	5.2	4.9	4.7	5.3
136.5°	5.4	5.2	4.9	4.7	5.2
137°	5.3	5.1	4.9	4.7	5.1
137.5°	5.2	4.9	4.8	4.5	4.8
138°	5.1	4.8	4.6	4.5	4.8
138.5°	5.2	4.8	4.7	4.4	4.7
139°	4.5	4.7	4.6	4.2	4.8
139.5°	4.8	4.5	4.4	4.3	4.7
140°	4.7	4.4	4.5	4.2	4.4
140.5°	4.7	4.4	4.4	4.2	4.4
141°	4.5	4.4	4.3	4.0	4.2
141.5°	4.2	4.4	4.4	4.0	4.2
142°	4.1	4.1	4.3	4.1	3.8
142.5°	4.1	4.3	4.2	4.0	3.8
143°	4.3	4.2	4.2	4.1	3.8
143.5°	4.3	4.2	4.2	3.8	3.8
144°	4.3	4.0	4.3	3.7	4.0
144.5°	4.1	4.0	4.1	3.8	4.0
145°	4.2	4.0	4.1	3.6	4.0
145.5°	4.1	3.8	4.0	3.6	4.2
146°	4.1	3.8	3.7	3.6	4.0
146.5°	4.2	3.8	3.7	3.6	4.0
147°	4.1	3.8	3.6	3.7	3.7
147.5°	4.0	3.8	3.6	3.7	4.1
148°	4.1	3.8	3.7	3.6	4.1
148.5°	4.2	4.0	3.7	3.6	4.1
149°	4.1	3.8	3.7	3.6	4.1
149.5°	4.3	3.7	3.7	3.6	4.2
150°	4.2	4.0	3.7	3.6	4.1
150.5°	4.1	3.8	3.7	3.7	4.1
151°	4.3	3.8	3.6	3.7	4.3
151.5°	4.2	4.0	3.6	3.7	4.3
152°	4.3	4.0	3.8	4.0	4.1
152.5°	4.3	4.1	3.7	3.8	4.3
153°	4.2	4.0	3.8	4.1	4.4
153.5°	4.5	4.1	3.7	4.0	4.3
154°	4.3	4.1	4.0	4.0	4.3
154.5°	4.3	4.0	4.0	4.2	4.4
155°	4.1	4.1	4.1	4.2	4.5
155.5°	4.3	4.0	4.0	4.1	4.4
156°	4.1	4.1	4.1	4.1	4.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	4.1	3.8	4.0	4.2	4.3
158°	4.4	4.1	4.0	4.1	4.4
158.5°	4.2	4.1	3.8	4.1	4.3
159°	4.3	4.1	4.0	4.1	4.5
159.5°	4.2	4.0	4.0	4.1	4.6
160°	4.2	4.1	3.8	4.1	4.4
160.5°	4.1	4.0	4.0	4.2	4.4
161°	4.1	4.0	4.0	4.2	4.4
161.5°	4.2	4.1	4.0	4.0	4.2
162°	4.1	4.0	4.1	4.2	4.2
162.5°	4.3	4.2	4.1	4.1	4.3
163°	4.3	4.1	4.2	4.2	4.2
163.5°	4.2	4.1	4.2	4.2	4.5
164°	4.1	4.2	4.1	4.4	4.4
164.5°	4.0	4.3	4.2	4.4	4.5
165°	4.1	4.1	4.0	4.3	4.4
165.5°	3.8	4.1	4.0	4.6	4.4
166°	4.2	4.2	4.1	4.4	4.3
166.5°	4.2	4.1	4.0	4.5	4.1
167°	4.1	4.4	4.1	4.6	4.5
167.5°	4.2	4.4	4.2	4.7	4.5
168°	4.3	4.3	4.1	4.6	4.4
168.5°	4.2	4.5	4.3	4.9	4.5
169°	4.5	4.4	4.1	4.9	4.5
169.5°	4.4	4.4	4.2	4.8	4.6
170°	4.5	4.4	4.3	4.9	4.5
170.5°	4.5	4.6	4.3	4.9	4.7
171°	4.5	4.5	4.5	4.9	4.8
171.5°	4.4	4.5	4.5	5.1	4.6
172°	4.4	4.5	4.6	5.1	4.7
172.5°	4.6	4.6	4.7	5.1	4.7
173°	4.4	4.4	4.7	5.1	4.8
173.5°	4.7	4.6	4.8	4.9	4.9
174°	4.8	4.8	5.2	5.1	4.8
174.5°	4.8	5.1	5.1	5.3	5.1
175°	5.2	5.1	5.2	5.3	4.9
175.5°	5.2	5.1	5.4	5.2	5.2
176°	5.4	5.3	5.2	5.1	5.1
176.5°	5.5	5.2	5.3	4.8	5.1
177°	5.3	5.2	4.9	4.8	5.1
177.5°	5.4	5.2	4.8	4.7	5.2
178°	5.1	4.9	4.7	4.7	4.8
178.5°	4.9	4.8	4.6	4.6	4.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L940-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	4.3	4.3	4.3	4.3	4.3



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	4518.4	4512.9	4490.9	4470.0	4461.2
22°	4516.2	4510.7	4487.6	4466.7	4457.9



44°	4044.6	4028.1	3995.1	3975.3	3962.1
44.5°	4019.3	4001.7	3970.9	3950.0	3936.8



66.5°	2160.2	2151.5	2135.0	2129.5	2124.0
67°	2106.4	2096.5	2081.1	2075.6	2071.2



89°	32.1	31.6	31.2	32.9	33.3
89.5°	14.2	14.4	14.1	15.1	14.8



111.5°	2.7	2.4	2.5	2.5	2.4
112°	2.7	2.5	2.5	2.5	2.7





134°	5.6	5.5	5.4	5.3	5.6
134.5°	5.7	5.4	5.4	5.1	5.3



156.5°	4.3	4.0	4.1	4.2	4.3
157°	4.2	4.0	4.1	4.1	4.3



179°	4.7	4.6	4.4	4.5	4.7
179.5°	4.2	4.4	4.3	4.2	4.5



(END OF REPORT)