

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-L930-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-L930-CFR2
Description: 20000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

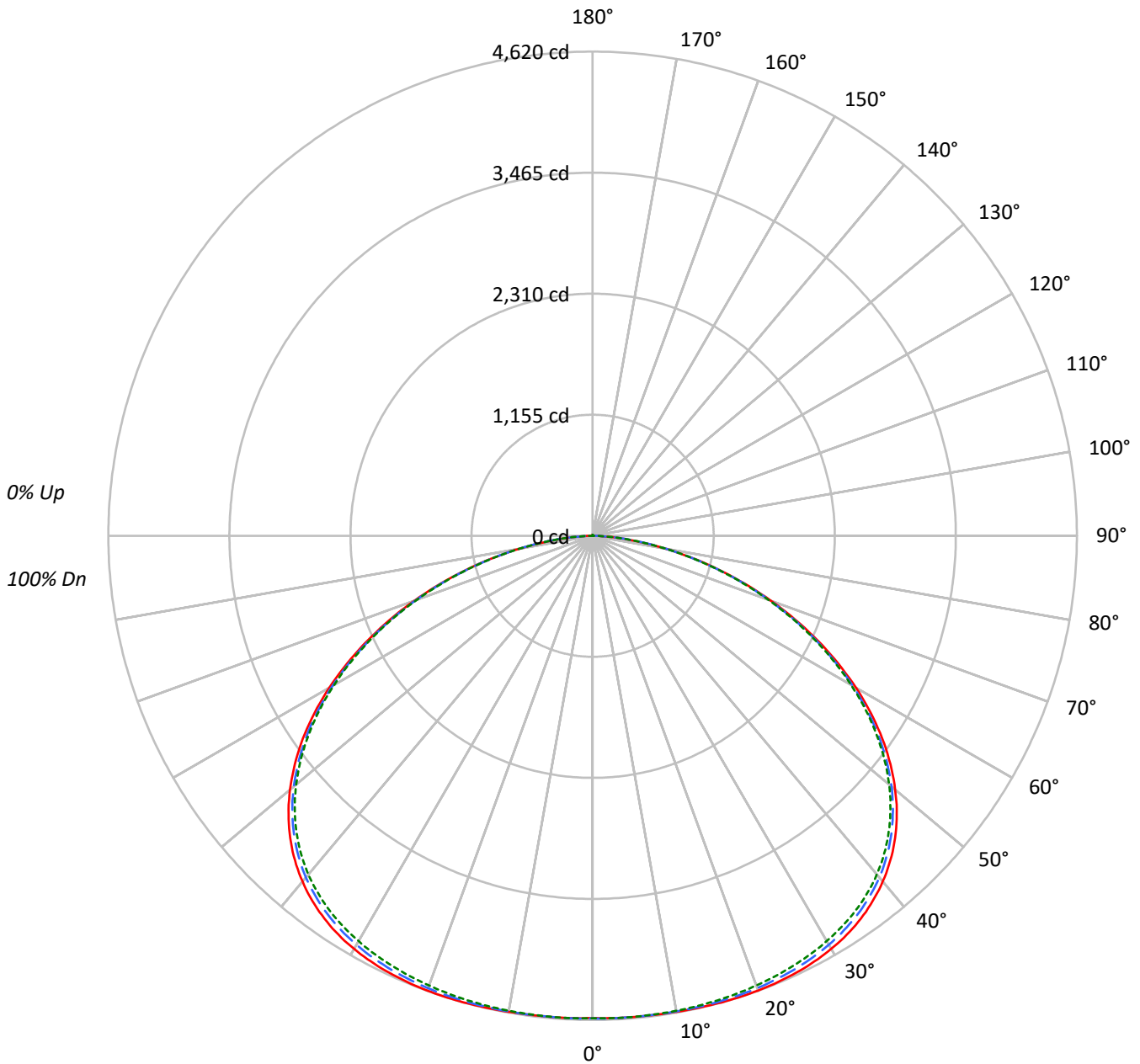
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16670.0 lumens
Efficiency: N/A
Efficacy: 101.5 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-L930-CFR2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-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°	3287	3287	3287
5°	3302	3302	3302
10°	3344	3341	3336
15°	3413	3404	3393
20°	3508	3489	3469
25°	3623	3595	3566
30°	3752	3715	3681
35°	3887	3842	3808
40°	4013	3965	3931
45°	4119	4068	4034
50°	4185	4134	4100
55°	4198	4147	4116
60°	4143	4091	4067
65°	4008	3962	3943
70°	3778	3738	3720
75°	3422	3401	3385
80°	2912	2921	2890
85°	2169	2221	2218



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	439.9	2.6
10°-20°	1304.8	7.8
20°-30°	2109.4	12.7
30°-40°	2762.8	16.6
40°-50°	3107.7	18.6
50°-60°	2973.7	17.8
60°-70°	2319.3	13.9
70°-80°	1307.0	7.8
80°-90°	323.4	1.9
90°-100°	1.1	0.0
100°-110°	1.9	0.0
110°-120°	3.4	0.0
120°-130°	5.3	0.0
130°-140°	4.2	0.0
140°-150°	2.6	0.0
150°-160°	1.9	0.0
160°-170°	1.2	0.0
170°-180°	0.5	0.0
0°-30°	3854.1	23.1
0°-40°	6616.9	39.7
0°-60°	12698.3	76.2
0°-90°	16648.0	99.9
90°-120°	6.4	0.0
90°-150°	18.4	0.1
90°-180°	22.0	0.1
0°-180°	16670.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4604	4604	4604	4604	4604	
5°	4608	4609	4608	4608	4607	440
15°	4618	4617	4606	4596	4590	1309
25°	4599	4591	4563	4538	4527	2126
35°	4460	4445	4408	4381	4369	2792
45°	4079	4061	4029	4010	3995	3142
55°	3373	3355	3332	3317	3307	3007
65°	2373	2364	2346	2339	2334	2342
75°	1241	1241	1233	1231	1227	1315
85°	265	268	271	273	271	307
90°	2	2	2	3	2	13
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	6	5	5	6	4
145°	4	4	4	4	4	3
155°	4	4	4	4	5	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-L930-CFR2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4603.8	4603.8	4603.8	4603.8	4603.8
0.5°	4602.6	4606.0	4607.1	4606.0	4603.8
1°	4603.8	4606.0	4607.1	4607.1	4604.9
1.5°	4604.9	4607.1	4607.1	4607.1	4606.0
2°	4604.9	4607.1	4607.1	4608.3	4606.0
2.5°	4606.0	4608.3	4608.3	4608.3	4606.0
3°	4607.1	4608.3	4608.3	4608.3	4607.1
3.5°	4607.1	4608.3	4608.3	4608.3	4607.1
4°	4608.3	4608.3	4608.3	4608.3	4607.1
4.5°	4608.3	4609.4	4608.3	4608.3	4607.1
5°	4608.3	4609.4	4608.3	4608.3	4607.1
5.5°	4608.3	4609.4	4608.3	4608.3	4607.1
6°	4609.4	4609.4	4608.3	4608.3	4606.0
6.5°	4609.4	4610.5	4609.4	4608.3	4606.0
7°	4609.4	4610.5	4608.3	4608.3	4606.0
7.5°	4609.4	4610.5	4608.3	4607.1	4604.9
8°	4610.5	4610.5	4609.4	4607.1	4604.9
8.5°	4610.5	4611.6	4608.3	4607.1	4603.8
9°	4611.6	4611.6	4609.4	4606.0	4603.8
9.5°	4611.6	4612.8	4608.3	4606.0	4602.6
10°	4612.8	4612.8	4608.3	4604.9	4601.5
10.5°	4613.9	4613.9	4608.3	4604.9	4601.5
11°	4613.9	4613.9	4608.3	4603.8	4600.4
11.5°	4615.0	4615.0	4608.3	4602.6	4599.3
12°	4615.0	4615.0	4608.3	4602.6	4598.2
12.5°	4616.1	4615.0	4607.1	4601.5	4597.0
13°	4616.1	4615.0	4607.1	4600.4	4595.9
13.5°	4617.2	4616.1	4607.1	4599.3	4594.8
14°	4617.2	4616.1	4607.1	4598.2	4592.5
14.5°	4618.4	4616.1	4606.0	4597.0	4591.4
15°	4618.4	4617.2	4606.0	4595.9	4590.3
15.5°	4619.5	4617.2	4604.9	4593.7	4588.0
16°	4618.4	4617.2	4603.8	4592.5	4585.8
16.5°	4619.5	4617.2	4603.8	4590.3	4583.6
17°	4619.5	4616.1	4602.6	4588.0	4582.4
17.5°	4619.5	4616.1	4600.4	4586.9	4580.2
18°	4619.5	4616.1	4599.3	4584.7	4576.8
18.5°	4619.5	4615.0	4598.2	4582.4	4574.6
19°	4618.4	4615.0	4597.0	4580.2	4572.3
19.5°	4618.4	4613.9	4594.8	4576.8	4569.0
20°	4617.2	4612.8	4592.5	4574.6	4566.7
20.5°	4616.1	4611.6	4591.4	4572.3	4563.3
21°	4616.1	4610.5	4589.2	4569.0	4560.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4611.6	4604.9	4581.3	4558.9	4548.7
23°	4609.4	4602.6	4577.9	4555.5	4545.4
23.5°	4607.1	4600.4	4574.6	4551.0	4540.9
24°	4604.9	4598.2	4571.2	4546.5	4536.4
24.5°	4602.6	4594.8	4567.8	4542.0	4531.9
25°	4599.3	4591.4	4563.3	4537.5	4527.4
25.5°	4595.9	4588.0	4558.9	4533.0	4521.8
26°	4592.5	4584.7	4554.4	4528.5	4517.3
26.5°	4589.2	4580.2	4549.9	4522.9	4511.7
27°	4584.7	4575.7	4544.3	4517.3	4506.1
27.5°	4580.2	4571.2	4538.6	4511.7	4500.5
28°	4575.7	4565.6	4533.0	4506.1	4494.9
28.5°	4570.1	4560.0	4527.4	4499.3	4488.1
29°	4564.5	4554.4	4520.7	4492.6	4481.4
29.5°	4558.9	4547.6	4513.9	4485.9	4473.5
30°	4552.1	4540.9	4506.1	4478.0	4465.7
30.5°	4545.4	4534.2	4498.2	4470.1	4458.9
31°	4537.5	4526.3	4490.4	4462.3	4449.9
31.5°	4530.8	4518.4	4481.4	4454.4	4442.1
32°	4521.8	4509.4	4473.5	4445.4	4433.1
32.5°	4512.8	4500.5	4463.4	4435.3	4423.0
33°	4503.8	4490.4	4453.3	4426.4	4412.9
33.5°	4493.7	4480.3	4443.2	4416.3	4402.8
34°	4482.5	4469.0	4432.0	4405.0	4392.7
34.5°	4471.3	4457.8	4420.7	4393.8	4381.4
35°	4460.0	4445.4	4408.4	4381.4	4369.1
35.5°	4447.7	4433.1	4396.0	4369.1	4356.7
36°	4435.3	4419.6	4382.6	4356.7	4343.3
36.5°	4420.7	4406.1	4369.1	4343.3	4330.9
37°	4406.1	4391.5	4354.5	4328.7	4316.3
37.5°	4391.5	4375.8	4339.9	4314.1	4300.6
38°	4375.8	4361.2	4324.2	4299.5	4286.0
38.5°	4360.1	4344.4	4307.3	4282.6	4270.3
39°	4343.3	4326.4	4290.5	4266.9	4253.4
39.5°	4325.3	4308.5	4273.6	4248.9	4236.6
40°	4306.2	4290.5	4254.6	4231.0	4218.6
40.5°	4288.2	4271.4	4235.5	4213.0	4199.5
41°	4268.0	4251.2	4216.4	4192.8	4179.3
41.5°	4246.7	4229.9	4195.0	4172.6	4159.1
42°	4225.4	4208.5	4173.7	4152.4	4137.8
42.5°	4202.9	4186.1	4151.3	4129.9	4116.4
43°	4180.4	4162.5	4128.8	4107.5	4094.0
43.5°	4156.9	4138.9	4105.2	4083.9	4070.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	4079.4	4061.4	4028.9	4009.8	3995.2
45.5°	4052.4	4033.4	4001.9	3982.8	3969.3
46°	4024.4	4005.3	3973.8	3954.8	3941.3
46.5°	3995.2	3976.1	3945.8	3926.7	3913.2
47°	3964.9	3946.9	3915.5	3898.6	3884.0
47.5°	3934.5	3915.5	3885.1	3868.3	3853.7
48°	3904.2	3884.0	3854.8	3836.8	3822.3
48.5°	3871.7	3852.6	3823.4	3806.5	3793.1
49°	3836.8	3818.9	3789.7	3771.7	3759.4
49.5°	3803.2	3785.2	3756.0	3739.2	3725.7
50°	3768.4	3749.3	3722.3	3705.5	3692.0
50.5°	3732.4	3713.3	3686.4	3669.5	3657.2
51°	3696.5	3677.4	3650.5	3633.6	3620.1
51.5°	3658.3	3639.2	3612.3	3596.6	3584.2
52°	3620.1	3601.0	3574.1	3559.5	3547.1
52.5°	3582.0	3562.9	3535.9	3520.2	3509.0
53°	3540.4	3522.4	3497.7	3483.1	3470.8
53.5°	3498.9	3480.9	3456.2	3441.6	3430.4
54°	3457.3	3439.4	3414.6	3400.1	3389.9
54.5°	3416.9	3397.8	3374.2	3359.6	3349.5
55°	3373.1	3355.1	3331.6	3317.0	3306.9
55.5°	3329.3	3311.3	3287.8	3273.2	3264.2
56°	3283.3	3266.4	3242.9	3230.5	3221.5
56.5°	3237.2	3221.5	3197.9	3185.6	3176.6
57°	3192.3	3175.5	3153.0	3141.8	3132.8
57.5°	3147.4	3129.4	3107.0	3095.8	3086.8
58°	3098.0	3081.2	3059.8	3048.6	3040.7
58.5°	3049.7	3034.0	3011.5	3001.4	2993.6
59°	3001.4	2985.7	2964.4	2954.3	2946.4
59.5°	2950.9	2936.3	2915.0	2904.9	2897.0
60°	2901.5	2885.8	2865.6	2856.6	2848.7
60.5°	2851.0	2837.5	2816.2	2807.2	2799.3
61°	2799.3	2785.8	2765.6	2756.6	2748.8
61.5°	2746.5	2735.3	2715.1	2706.1	2699.4
62°	2694.9	2683.7	2663.4	2655.6	2648.9
62.5°	2642.1	2630.9	2610.7	2602.8	2596.1
63°	2589.3	2578.1	2559.0	2551.2	2544.4
63.5°	2535.4	2524.2	2506.2	2498.4	2491.7
64°	2481.5	2470.3	2451.2	2445.6	2437.8
64.5°	2427.6	2416.4	2397.3	2391.7	2385.0
65°	2372.6	2363.6	2345.7	2338.9	2334.4
65.5°	2318.7	2307.5	2290.7	2285.0	2278.3
66°	2261.5	2252.5	2235.6	2230.0	2225.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	2095.3	2085.2	2070.6	2065.0	2059.3
68°	2038.0	2029.0	2014.4	2009.9	2004.3
68.5°	1980.7	1971.8	1957.2	1953.8	1950.4
69°	1923.5	1914.5	1902.1	1898.8	1894.3
69.5°	1867.3	1858.4	1847.1	1843.8	1838.1
70°	1810.1	1802.2	1791.0	1787.6	1782.0
70.5°	1752.8	1744.9	1734.8	1731.5	1725.9
71°	1695.5	1688.8	1679.8	1675.3	1669.7
71.5°	1639.4	1632.7	1622.5	1619.2	1614.7
72°	1582.1	1576.5	1566.4	1564.2	1558.5
72.5°	1524.9	1520.4	1510.3	1508.0	1503.5
73°	1467.6	1463.1	1453.0	1450.7	1447.4
73.5°	1411.4	1407.0	1398.0	1394.6	1391.2
74°	1355.3	1351.9	1343.0	1340.7	1336.2
74.5°	1298.0	1295.8	1287.9	1284.6	1281.2
75°	1240.8	1240.8	1232.9	1230.7	1227.3
75.5°	1185.8	1185.8	1177.9	1175.6	1172.3
76°	1130.7	1130.7	1122.9	1120.7	1116.2
76.5°	1075.1	1075.6	1069.0	1066.6	1062.9
77°	1021.9	1022.4	1016.4	1013.4	1009.7
77.5°	965.0	967.7	962.7	960.1	956.3
78°	911.9	915.3	910.2	908.1	904.9
78.5°	861.8	863.9	860.7	858.1	853.7
79°	809.4	811.0	808.9	806.7	802.4
79.5°	757.7	760.5	759.1	757.0	752.1
80°	708.2	710.2	710.6	707.5	702.9
80.5°	656.1	660.2	660.9	657.9	655.5
81°	607.9	611.9	613.0	611.2	608.0
81.5°	560.5	565.1	566.2	565.1	561.1
82°	513.0	518.7	520.3	519.6	515.1
82.5°	467.7	474.0	475.8	475.1	470.9
83°	423.7	430.5	432.2	432.8	428.9
83.5°	381.1	387.6	389.7	390.4	386.3
84°	340.2	346.1	348.8	349.9	346.4
84.5°	301.4	306.1	309.4	310.8	309.1
85°	264.8	268.1	271.2	273.2	270.8
85.5°	229.3	232.0	234.2	237.4	235.5
86°	196.3	199.0	200.5	203.0	203.0
86.5°	164.8	166.1	167.3	170.2	170.2
87°	134.7	134.9	135.3	139.0	139.1
87.5°	104.0	104.9	105.3	108.6	109.7
88°	73.3	75.9	76.6	79.6	79.4
88.5°	51.9	51.9	51.8	54.8	55.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.5	2.4	2.5	2.6	2.4
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	0.6
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°	1.5	1.2	1.2	1.2	1.5
98.5°	1.5	1.2	1.1	1.1	1.3
99°	1.3	1.3	1.2	1.1	1.2
99.5°	1.5	1.1	1.3	1.2	1.2
100°	1.5	1.3	1.3	1.3	1.5
100.5°	1.5	1.5	1.3	1.5	1.5
101°	1.6	1.3	1.3	1.3	1.3
101.5°	1.7	1.3	1.5	1.5	1.6
102°	1.8	1.5	1.6	1.5	1.6
102.5°	1.6	1.5	1.5	1.6	1.6
103°	1.6	1.3	1.6	1.5	1.6
103.5°	1.7	1.7	1.6	1.6	1.5
104°	1.9	1.7	1.7	1.6	1.5
104.5°	1.7	1.8	1.8	1.8	1.6
105°	2.0	1.8	1.7	1.9	1.9
105.5°	1.9	1.6	1.8	1.7	1.7
106°	1.8	1.8	1.9	1.9	2.0
106.5°	2.0	1.8	1.9	1.8	1.7
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°	2.4	2.0	2.4	2.2	2.0
110°	2.2	2.2	2.2	2.4	2.2
110.5°	2.4	2.2	2.4	2.4	2.5
111°	2.4	2.5	2.5	2.5	2.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.7	2.8	2.9	2.8	2.6
113°	3.0	2.7	2.7	2.8	2.8
113.5°	3.0	3.0	3.0	3.1	3.1
114°	3.1	3.1	3.3	3.3	3.1
114.5°	3.4	3.4	3.3	3.3	3.0
115°	3.4	3.4	3.3	3.4	3.3
115.5°	3.7	3.4	3.6	3.5	3.3
116°	3.6	3.7	3.7	3.6	3.5
116.5°	3.8	3.8	3.8	3.8	3.7
117°	4.0	4.0	4.0	4.0	3.6
117.5°	4.3	4.0	4.2	4.0	3.8
118°	4.3	4.2	4.4	4.2	3.9
118.5°	4.6	4.4	4.4	4.3	4.2
119°	4.6	4.6	4.7	4.4	4.4
119.5°	4.7	4.7	4.7	4.6	4.5
120°	4.9	4.9	4.8	4.7	4.8
120.5°	5.1	4.8	5.1	4.9	4.8
121°	5.1	5.1	5.1	5.1	4.8
121.5°	5.6	5.4	5.3	5.1	5.1
122°	5.3	5.6	5.4	5.3	5.4
122.5°	5.7	5.6	5.5	5.5	5.3
123°	5.8	5.8	5.6	5.6	5.5
123.5°	5.8	6.1	5.7	5.5	5.7
124°	6.0	6.1	6.0	5.7	5.7
124.5°	6.3	6.1	6.0	5.8	5.8
125°	6.5	6.3	6.2	6.1	6.1
125.5°	6.5	6.4	6.2	6.1	6.2
126°	6.5	6.3	6.2	6.2	6.1
126.5°	6.3	6.4	6.5	6.2	6.3
127°	6.5	6.5	6.3	6.2	6.1
127.5°	6.7	6.6	6.5	6.2	6.1
128°	6.7	6.4	6.4	6.2	6.3
128.5°	6.5	6.5	6.3	6.1	6.3
129°	6.4	6.4	6.3	6.2	6.1
129.5°	6.3	6.4	6.3	6.2	6.2
130°	6.3	6.4	6.2	6.0	6.1
130.5°	6.5	6.3	6.3	5.7	6.1
131°	6.2	6.2	6.2	5.8	6.0
131.5°	6.3	6.1	5.8	5.7	5.8
132°	6.2	6.0	6.0	5.7	5.7
132.5°	6.2	6.0	5.8	5.7	5.8
133°	6.0	5.7	5.7	5.4	5.6
133.5°	6.1	5.7	5.5	5.3	5.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.8	5.5	5.3	5.2	5.6
135.5°	5.5	5.6	5.3	5.1	5.4
136°	5.4	5.3	5.1	4.8	5.4
136.5°	5.5	5.3	5.1	4.8	5.3
137°	5.4	5.2	5.1	4.8	5.2
137.5°	5.3	5.1	4.9	4.6	4.9
138°	5.2	4.9	4.7	4.6	4.9
138.5°	5.3	4.9	4.8	4.5	4.8
139°	4.6	4.8	4.7	4.3	4.9
139.5°	4.9	4.6	4.5	4.4	4.8
140°	4.8	4.5	4.6	4.3	4.5
140.5°	4.8	4.5	4.5	4.3	4.5
141°	4.6	4.5	4.4	4.0	4.3
141.5°	4.3	4.5	4.5	4.0	4.3
142°	4.2	4.2	4.4	4.2	3.9
142.5°	4.2	4.4	4.3	4.0	3.9
143°	4.4	4.3	4.3	4.2	3.9
143.5°	4.4	4.3	4.3	3.9	3.9
144°	4.4	4.0	4.4	3.8	4.0
144.5°	4.2	4.0	4.2	3.9	4.0
145°	4.3	4.0	4.2	3.7	4.0
145.5°	4.2	3.9	4.0	3.7	4.3
146°	4.2	3.9	3.8	3.7	4.0
146.5°	4.3	3.9	3.8	3.7	4.0
147°	4.2	3.9	3.7	3.8	3.8
147.5°	4.0	3.9	3.7	3.8	4.2
148°	4.2	3.9	3.8	3.7	4.2
148.5°	4.3	4.0	3.8	3.7	4.2
149°	4.2	3.9	3.8	3.7	4.2
149.5°	4.4	3.8	3.8	3.7	4.3
150°	4.3	4.0	3.8	3.7	4.2
150.5°	4.2	3.9	3.8	3.8	4.2
151°	4.4	3.9	3.7	3.8	4.4
151.5°	4.3	4.0	3.7	3.8	4.4
152°	4.4	4.0	3.9	4.0	4.2
152.5°	4.4	4.2	3.8	3.9	4.4
153°	4.3	4.0	3.9	4.2	4.5
153.5°	4.6	4.2	3.8	4.0	4.4
154°	4.4	4.2	4.0	4.0	4.4
154.5°	4.4	4.0	4.0	4.3	4.5
155°	4.2	4.2	4.2	4.3	4.6
155.5°	4.4	4.0	4.0	4.2	4.5
156°	4.2	4.2	4.2	4.2	4.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	4.2	3.9	4.0	4.3	4.4
158°	4.5	4.2	4.0	4.2	4.5
158.5°	4.3	4.2	3.9	4.2	4.4
159°	4.4	4.2	4.0	4.2	4.6
159.5°	4.3	4.0	4.0	4.2	4.7
160°	4.3	4.2	3.9	4.2	4.5
160.5°	4.2	4.0	4.0	4.3	4.5
161°	4.2	4.0	4.0	4.3	4.5
161.5°	4.3	4.2	4.0	4.0	4.3
162°	4.2	4.0	4.2	4.3	4.3
162.5°	4.4	4.3	4.2	4.2	4.4
163°	4.4	4.2	4.3	4.3	4.3
163.5°	4.3	4.2	4.3	4.3	4.6
164°	4.2	4.3	4.2	4.5	4.5
164.5°	4.0	4.4	4.3	4.5	4.6
165°	4.2	4.2	4.0	4.4	4.5
165.5°	3.9	4.2	4.0	4.7	4.5
166°	4.3	4.3	4.2	4.5	4.4
166.5°	4.3	4.2	4.0	4.6	4.2
167°	4.2	4.5	4.2	4.7	4.6
167.5°	4.3	4.5	4.3	4.8	4.6
168°	4.4	4.4	4.2	4.7	4.5
168.5°	4.3	4.6	4.4	5.1	4.6
169°	4.6	4.5	4.2	5.1	4.6
169.5°	4.5	4.5	4.3	4.9	4.7
170°	4.6	4.5	4.4	5.1	4.6
170.5°	4.6	4.7	4.4	5.1	4.8
171°	4.6	4.6	4.6	5.1	4.9
171.5°	4.5	4.6	4.6	5.2	4.7
172°	4.5	4.6	4.7	5.2	4.8
172.5°	4.7	4.7	4.8	5.2	4.8
173°	4.5	4.5	4.8	5.2	4.9
173.5°	4.8	4.7	4.9	5.1	5.1
174°	4.9	4.9	5.3	5.2	4.9
174.5°	4.9	5.2	5.2	5.4	5.2
175°	5.3	5.2	5.3	5.4	5.1
175.5°	5.3	5.2	5.5	5.3	5.3
176°	5.5	5.4	5.3	5.2	5.2
176.5°	5.6	5.3	5.4	4.9	5.2
177°	5.4	5.3	5.1	4.9	5.2
177.5°	5.5	5.3	4.9	4.8	5.3
178°	5.2	5.1	4.8	4.8	4.9
178.5°	5.1	4.9	4.7	4.7	4.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-200-L930-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	4.4	4.4	4.4	4.4	4.4



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4615.0	4609.4	4586.9	4565.6	4556.6
22°	4612.8	4607.1	4583.6	4562.2	4553.2



44°	4131.0	4114.2	4080.5	4060.3	4046.8
44.5°	4105.2	4087.2	4055.8	4034.5	4021.0



66.5°	2206.4	2197.5	2180.6	2175.0	2169.4
67°	2151.4	2141.3	2125.6	2120.0	2115.5



89°	32.8	32.2	31.9	33.6	34.0
89.5°	14.5	14.7	14.4	15.4	15.2



111.5°	2.8	2.5	2.6	2.6	2.5
112°	2.8	2.6	2.6	2.6	2.8



134°	5.7	5.6	5.5	5.4	5.7
134.5°	5.8	5.5	5.5	5.2	5.4



156.5°	4.4	4.0	4.2	4.3	4.4
157°	4.3	4.0	4.2	4.2	4.4



179°	4.8	4.7	4.5	4.6	4.8
179.5°	4.3	4.5	4.4	4.3	4.6



(END OF REPORT)