

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-180-L935-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-180-L935-CFD2
Description: 18000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3500K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

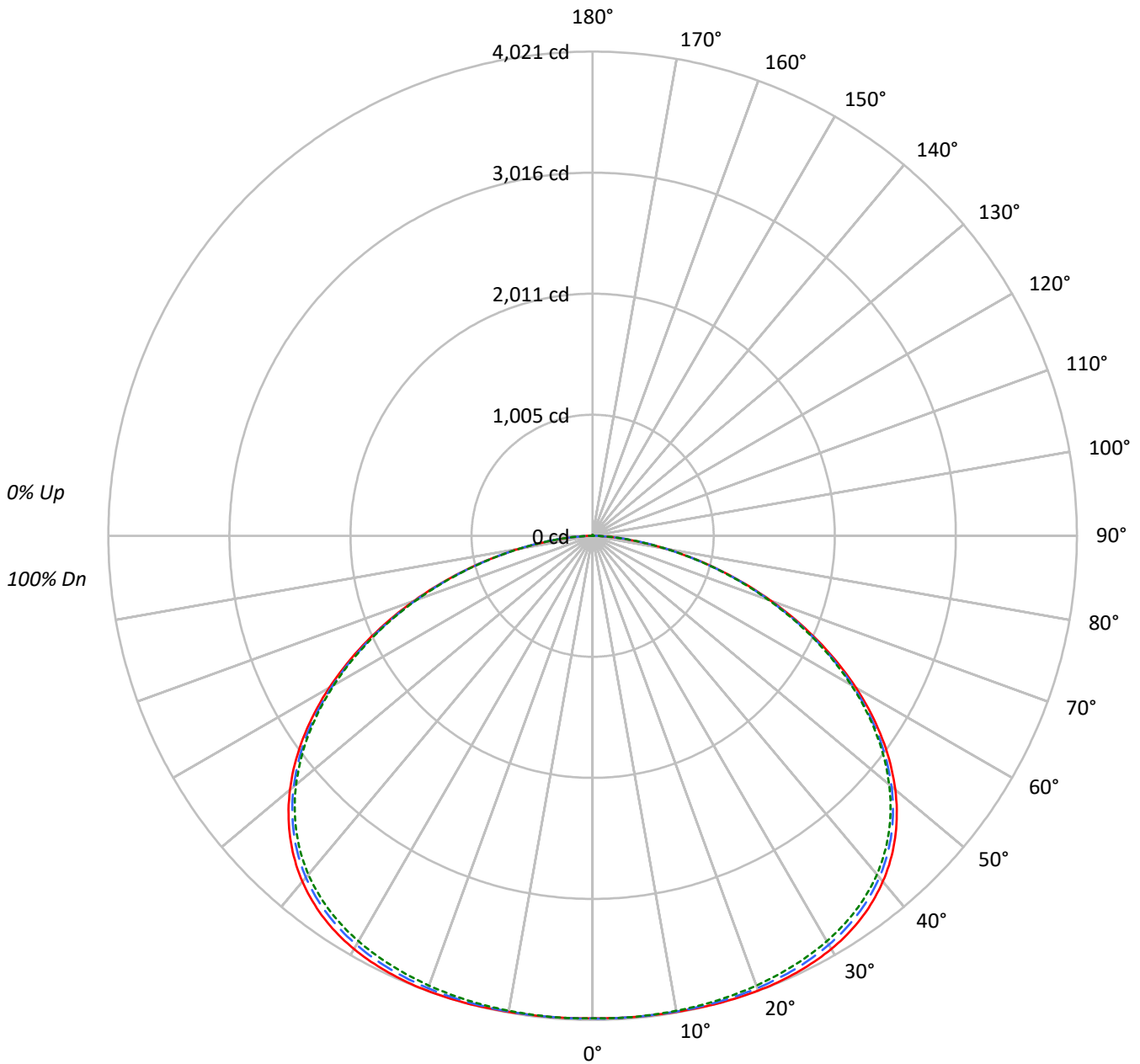
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14511.0 lumens
Efficiency: N/A
Efficacy: 99.5 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): 145.8
Input Voltage (V):
Input Current (A_{in}): 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

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Luminous Intensity Polar Plot





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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	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°	2861	2861	2861
5°	2864	2859	2863
10°	2889	2877	2882
15°	2937	2916	2920
20°	3006	2971	2974
25°	3092	3043	3043
30°	3188	3124	3127
35°	3285	3208	3218
40°	3372	3284	3303
45°	3438	3338	3367
50°	3466	3356	3396
55°	3443	3322	3376
60°	3357	3223	3296
65°	3195	3052	3143
70°	2942	2789	2896
75°	2568	2413	2540
80°	2038	1892	2023
85°	1267	1142	1296



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	382.9	2.6
10°-20°	1135.8	7.8
20°-30°	1836.2	12.7
30°-40°	2405.0	16.6
40°-50°	2705.2	18.6
50°-60°	2588.6	17.8
60°-70°	2018.9	13.9
70°-80°	1137.8	7.8
80°-90°	281.5	1.9
90°-100°	1.0	0.0
100°-110°	1.7	0.0
110°-120°	2.9	0.0
120°-130°	4.6	0.0
130°-140°	3.6	0.0
140°-150°	2.2	0.0
150°-160°	1.7	0.0
160°-170°	1.1	0.0
170°-180°	0.4	0.0
0°-30°	3354.9	23.1
0°-40°	5759.9	39.7
0°-60°	11053.7	76.2
0°-90°	14491.8	99.9
90°-120°	5.6	0.0
90°-150°	16.1	0.1
90°-180°	19.0	0.1
0°-180°	14511.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4008	4008	4008	4008	4008	
5°	4011	4012	4011	4011	4010	383
15°	4020	4019	4010	4001	3996	1139
25°	4004	3997	3972	3950	3941	1850
35°	3882	3870	3837	3814	3803	2431
45°	3551	3535	3507	3490	3478	2735
55°	2936	2921	2900	2887	2879	2617
65°	2065	2058	2042	2036	2032	2039
75°	1080	1080	1073	1071	1068	1145
85°	230	233	236	238	236	267
90°	2	2	2	2	2	11
95°	1	1	1	1	1	1
105°	2	2	2	2	2	2
115°	3	3	3	3	3	3
125°	6	6	5	5	5	5
135°	5	5	5	4	5	4
145°	4	4	4	3	4	2
155°	4	4	4	4	4	2
165°	4	4	4	4	4	1
175°	5	4	5	5	4	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4007.5	4007.5	4007.5	4007.5	4007.5
0.5°	4006.5	4009.5	4010.4	4009.5	4007.5
1°	4007.5	4009.5	4010.4	4010.4	4008.5
1.5°	4008.5	4010.4	4010.4	4010.4	4009.5
2°	4008.5	4010.4	4010.4	4011.4	4009.5
2.5°	4009.5	4011.4	4011.4	4011.4	4009.5
3°	4010.4	4011.4	4011.4	4011.4	4010.4
3.5°	4010.4	4011.4	4011.4	4011.4	4010.4
4°	4011.4	4011.4	4011.4	4011.4	4010.4
4.5°	4011.4	4012.4	4011.4	4011.4	4010.4
5°	4011.4	4012.4	4011.4	4011.4	4010.4
5.5°	4011.4	4012.4	4011.4	4011.4	4010.4
6°	4012.4	4012.4	4011.4	4011.4	4009.5
6.5°	4012.4	4013.4	4012.4	4011.4	4009.5
7°	4012.4	4013.4	4011.4	4011.4	4009.5
7.5°	4012.4	4013.4	4011.4	4010.4	4008.5
8°	4013.4	4013.4	4012.4	4010.4	4008.5
8.5°	4013.4	4014.4	4011.4	4010.4	4007.5
9°	4014.4	4014.4	4012.4	4009.5	4007.5
9.5°	4014.4	4015.3	4011.4	4009.5	4006.5
10°	4015.3	4015.3	4011.4	4008.5	4005.6
10.5°	4016.3	4016.3	4011.4	4008.5	4005.6
11°	4016.3	4016.3	4011.4	4007.5	4004.6
11.5°	4017.3	4017.3	4011.4	4006.5	4003.6
12°	4017.3	4017.3	4011.4	4006.5	4002.6
12.5°	4018.3	4017.3	4010.4	4005.6	4001.7
13°	4018.3	4017.3	4010.4	4004.6	4000.7
13.5°	4019.2	4018.3	4010.4	4003.6	3999.7
14°	4019.2	4018.3	4010.4	4002.6	3997.7
14.5°	4020.2	4018.3	4009.5	4001.7	3996.8
15°	4020.2	4019.2	4009.5	4000.7	3995.8
15.5°	4021.2	4019.2	4008.5	3998.7	3993.8
16°	4020.2	4019.2	4007.5	3997.7	3991.9
16.5°	4021.2	4019.2	4007.5	3995.8	3989.9
17°	4021.2	4018.3	4006.5	3993.8	3988.9
17.5°	4021.2	4018.3	4004.6	3992.9	3987.0
18°	4021.2	4018.3	4003.6	3990.9	3984.1
18.5°	4021.2	4017.3	4002.6	3988.9	3982.1
19°	4020.2	4017.3	4001.7	3987.0	3980.1
19.5°	4020.2	4016.3	3999.7	3984.1	3977.2
20°	4019.2	4015.3	3997.7	3982.1	3975.3
20.5°	4018.3	4014.4	3996.8	3980.1	3972.3
21°	4018.3	4013.4	3994.8	3977.2	3969.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4014.4	4008.5	3988.0	3968.4	3959.6
23°	4012.4	4006.5	3985.0	3965.5	3956.7
23.5°	4010.4	4004.6	3982.1	3961.6	3952.8
24°	4008.5	4002.6	3979.2	3957.7	3948.9
24.5°	4006.5	3999.7	3976.2	3953.8	3945.0
25°	4003.6	3996.8	3972.3	3949.8	3941.1
25.5°	4000.7	3993.8	3968.4	3945.9	3936.2
26°	3997.7	3990.9	3964.5	3942.0	3932.3
26.5°	3994.8	3987.0	3960.6	3937.1	3927.4
27°	3990.9	3983.1	3955.7	3932.3	3922.5
27.5°	3987.0	3979.2	3950.8	3927.4	3917.6
28°	3983.1	3974.3	3945.9	3922.5	3912.7
28.5°	3978.2	3969.4	3941.1	3916.6	3906.8
29°	3973.3	3964.5	3935.2	3910.7	3901.0
29.5°	3968.4	3958.6	3929.3	3904.9	3894.1
30°	3962.6	3952.8	3922.5	3898.0	3887.3
30.5°	3956.7	3946.9	3915.6	3891.2	3881.4
31°	3949.8	3940.1	3908.8	3884.4	3873.6
31.5°	3944.0	3933.2	3901.0	3877.5	3866.8
32°	3936.2	3925.4	3894.1	3869.7	3858.9
32.5°	3928.3	3917.6	3885.3	3860.9	3850.1
33°	3920.5	3908.8	3876.5	3853.1	3841.4
33.5°	3911.7	3900.0	3867.7	3844.3	3832.6
34°	3902.0	3890.2	3858.0	3834.5	3823.8
34.5°	3892.2	3880.4	3848.2	3824.7	3814.0
35°	3882.4	3869.7	3837.4	3814.0	3803.2
35.5°	3871.7	3858.9	3826.7	3803.2	3792.5
36°	3860.9	3847.2	3815.0	3792.5	3780.7
36.5°	3848.2	3835.5	3803.2	3780.7	3770.0
37°	3835.5	3822.8	3790.5	3768.0	3757.3
37.5°	3822.8	3809.1	3777.8	3755.3	3743.6
38°	3809.1	3796.4	3764.1	3742.6	3730.9
38.5°	3795.4	3781.7	3749.5	3728.0	3717.2
39°	3780.7	3766.1	3734.8	3714.3	3702.6
39.5°	3765.1	3750.4	3720.1	3698.6	3687.9
40°	3748.5	3734.8	3703.5	3683.0	3672.3
40.5°	3732.9	3718.2	3686.9	3667.4	3655.6
41°	3715.3	3700.6	3670.3	3649.8	3638.0
41.5°	3696.7	3682.0	3651.7	3632.2	3620.4
42°	3678.1	3663.5	3633.2	3614.6	3601.9
42.5°	3658.6	3643.9	3613.6	3595.0	3583.3
43°	3639.0	3623.4	3594.1	3575.5	3563.8
43.5°	3618.5	3602.9	3573.5	3555.0	3543.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3551.1	3535.4	3507.1	3490.4	3477.7
45.5°	3527.6	3511.0	3483.6	3467.0	3455.3
46°	3503.2	3486.5	3459.2	3442.6	3430.8
46.5°	3477.7	3461.1	3434.7	3418.1	3406.4
47°	3451.4	3435.7	3408.3	3393.7	3381.0
47.5°	3425.0	3408.3	3382.0	3367.3	3354.6
48°	3398.6	3381.0	3355.6	3339.9	3327.2
48.5°	3370.2	3353.6	3328.2	3313.5	3301.8
49°	3339.9	3324.3	3298.9	3283.2	3272.5
49.5°	3310.6	3295.0	3269.5	3254.9	3243.2
50°	3280.3	3263.7	3240.2	3225.6	3213.8
50.5°	3249.0	3232.4	3208.9	3194.3	3183.5
51°	3217.7	3201.1	3177.7	3163.0	3151.3
51.5°	3184.5	3167.9	3144.4	3130.8	3120.0
52°	3151.3	3134.7	3111.2	3098.5	3087.7
52.5°	3118.0	3101.4	3078.0	3064.3	3054.5
53°	3081.9	3066.2	3044.7	3032.0	3021.3
53.5°	3045.7	3030.1	3008.6	2995.9	2986.1
54°	3009.5	2993.9	2972.4	2959.7	2950.9
54.5°	2974.4	2957.7	2937.2	2924.5	2915.7
55°	2936.2	2920.6	2900.1	2887.4	2878.6
55.5°	2898.1	2882.5	2862.0	2849.2	2841.4
56°	2858.0	2843.4	2822.9	2812.1	2804.3
56.5°	2818.0	2804.3	2783.8	2773.0	2765.2
57°	2778.9	2764.2	2744.7	2734.9	2727.1
57.5°	2739.8	2724.1	2704.6	2694.8	2687.0
58°	2696.8	2682.1	2663.5	2653.8	2646.9
58.5°	2654.7	2641.1	2621.5	2612.7	2605.9
59°	2612.7	2599.0	2580.4	2571.7	2564.8
59.5°	2568.7	2556.0	2537.4	2528.6	2521.8
60°	2525.7	2512.0	2494.4	2486.6	2479.8
60.5°	2481.7	2470.0	2451.4	2443.6	2436.8
61°	2436.8	2425.0	2407.4	2399.6	2392.8
61.5°	2390.8	2381.1	2363.5	2355.6	2349.8
62°	2345.9	2336.1	2318.5	2311.7	2305.8
62.5°	2299.9	2290.1	2272.6	2265.7	2259.8
63°	2254.0	2244.2	2227.6	2220.8	2214.9
63.5°	2207.1	2197.3	2181.7	2174.8	2168.9
64°	2160.1	2150.4	2133.8	2128.9	2122.0
64.5°	2113.2	2103.5	2086.8	2082.0	2076.1
65°	2065.3	2057.5	2041.9	2036.0	2032.1
65.5°	2018.4	2008.6	1994.0	1989.1	1983.2
66°	1968.6	1960.8	1946.1	1941.2	1937.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1823.9	1815.1	1802.4	1797.5	1792.6
68°	1774.1	1766.2	1753.5	1749.6	1744.7
68.5°	1724.2	1716.4	1703.7	1700.8	1697.8
69°	1674.4	1666.5	1655.8	1652.9	1648.9
69.5°	1625.5	1617.7	1607.9	1605.0	1600.1
70°	1575.6	1568.8	1559.0	1556.1	1551.2
70.5°	1525.8	1518.9	1510.1	1507.2	1502.3
71°	1475.9	1470.1	1462.3	1458.3	1453.5
71.5°	1427.1	1421.2	1412.4	1409.5	1405.6
72°	1377.2	1372.3	1363.5	1361.6	1356.7
72.5°	1327.4	1323.5	1314.7	1312.7	1308.8
73°	1277.5	1273.6	1264.8	1262.9	1259.9
73.5°	1228.6	1224.7	1216.9	1214.0	1211.1
74°	1179.8	1176.8	1169.0	1167.1	1163.2
74.5°	1129.9	1128.0	1121.1	1118.2	1115.3
75°	1080.1	1080.1	1073.2	1071.3	1068.3
75.5°	1032.2	1032.2	1025.3	1023.4	1020.5
76°	984.3	984.3	977.4	975.6	971.7
76.5°	935.9	936.3	930.5	928.5	925.2
77°	889.6	890.0	884.8	882.1	878.9
77.5°	840.0	842.4	838.1	835.7	832.5
78°	793.8	796.7	792.3	790.5	787.7
78.5°	750.2	752.0	749.2	747.0	743.1
79°	704.5	706.0	704.2	702.2	698.5
79.5°	659.6	662.0	660.8	659.0	654.7
80°	616.5	618.2	618.5	615.9	611.9
80.5°	571.1	574.7	575.3	572.7	570.6
81°	529.2	532.6	533.6	532.0	529.3
81.5°	487.9	491.9	492.8	491.9	488.4
82°	446.6	451.5	452.9	452.3	448.4
82.5°	407.1	412.6	414.1	413.6	409.9
83°	368.8	374.8	376.2	376.7	373.4
83.5°	331.7	337.4	339.3	339.9	336.2
84°	296.2	301.2	303.6	304.6	301.5
84.5°	262.3	266.5	269.3	270.6	269.1
85°	230.5	233.4	236.1	237.8	235.8
85.5°	199.6	201.9	203.9	206.6	205.0
86°	170.9	173.2	174.6	176.7	176.7
86.5°	143.5	144.6	145.6	148.2	148.2
87°	117.3	117.4	117.8	121.0	121.1
87.5°	90.5	91.3	91.7	94.5	95.5
88°	63.8	66.1	66.7	69.3	69.1
88.5°	45.2	45.2	45.1	47.7	48.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.2	2.1	2.2	2.2	2.1
90.5°	0.7	0.6	0.7	0.8	0.7
91°	0.7	0.6	0.6	0.7	0.6
91.5°	0.9	0.7	0.8	0.6	0.5
92°	0.7	0.7	0.7	0.8	0.7
92.5°	0.8	0.7	0.7	0.8	0.7
93°	0.8	0.8	0.8	0.7	0.6
93.5°	0.9	0.7	0.8	0.8	0.9
94°	0.9	0.8	0.9	0.8	1.0
94.5°	0.9	0.9	0.8	0.9	0.9
95°	0.9	0.7	0.9	0.8	1.0
95.5°	0.8	0.9	1.0	0.9	1.0
96°	1.1	1.1	0.9	0.9	1.0
96.5°	1.1	1.0	1.0	0.9	1.0
97°	1.1	1.0	1.1	0.9	1.2
97.5°	1.2	1.0	1.0	0.9	1.2
98°	1.3	1.1	1.1	1.1	1.3
98.5°	1.3	1.1	1.0	1.0	1.2
99°	1.2	1.2	1.1	1.0	1.1
99.5°	1.3	1.0	1.2	1.1	1.1
100°	1.3	1.2	1.2	1.2	1.3
100.5°	1.3	1.3	1.2	1.3	1.3
101°	1.4	1.2	1.2	1.2	1.2
101.5°	1.5	1.2	1.3	1.3	1.4
102°	1.6	1.3	1.4	1.3	1.4
102.5°	1.4	1.3	1.3	1.4	1.4
103°	1.4	1.2	1.4	1.3	1.4
103.5°	1.5	1.5	1.4	1.4	1.3
104°	1.7	1.5	1.5	1.4	1.3
104.5°	1.5	1.6	1.6	1.6	1.4
105°	1.8	1.6	1.5	1.7	1.7
105.5°	1.7	1.4	1.6	1.5	1.5
106°	1.6	1.6	1.7	1.7	1.8
106.5°	1.8	1.6	1.7	1.6	1.5
107°	1.7	1.7	1.8	1.8	1.6
107.5°	1.9	1.7	1.8	1.9	1.8
108°	1.9	1.7	1.6	1.9	1.7
108.5°	1.9	1.9	1.9	1.8	1.7
109°	2.0	1.9	1.9	1.9	2.0
109.5°	2.1	1.8	2.1	2.0	1.8
110°	2.0	2.0	2.0	2.1	2.0
110.5°	2.1	2.0	2.1	2.1	2.2
111°	2.1	2.2	2.2	2.2	2.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.3	2.4	2.5	2.4	2.2
113°	2.6	2.3	2.3	2.4	2.4
113.5°	2.6	2.6	2.6	2.7	2.7
114°	2.7	2.7	2.8	2.8	2.7
114.5°	2.9	2.9	2.8	2.8	2.6
115°	2.9	2.9	2.8	2.9	2.8
115.5°	3.2	2.9	3.1	3.0	2.8
116°	3.1	3.2	3.2	3.1	3.0
116.5°	3.3	3.3	3.3	3.3	3.2
117°	3.5	3.5	3.5	3.5	3.1
117.5°	3.7	3.5	3.6	3.5	3.3
118°	3.7	3.6	3.8	3.6	3.4
118.5°	4.0	3.8	3.8	3.7	3.6
119°	4.0	4.0	4.1	3.8	3.8
119.5°	4.1	4.1	4.1	4.0	3.9
120°	4.3	4.3	4.2	4.1	4.2
120.5°	4.4	4.2	4.4	4.3	4.2
121°	4.4	4.4	4.4	4.4	4.2
121.5°	4.9	4.7	4.6	4.4	4.4
122°	4.6	4.9	4.7	4.6	4.7
122.5°	5.0	4.9	4.8	4.8	4.6
123°	5.1	5.1	4.9	4.9	4.8
123.5°	5.1	5.3	5.0	4.8	5.0
124°	5.2	5.3	5.2	5.0	5.0
124.5°	5.5	5.3	5.2	5.1	5.1
125°	5.7	5.5	5.4	5.3	5.3
125.5°	5.7	5.6	5.4	5.3	5.4
126°	5.7	5.5	5.4	5.4	5.3
126.5°	5.5	5.6	5.7	5.4	5.5
127°	5.7	5.7	5.5	5.4	5.3
127.5°	5.9	5.8	5.7	5.4	5.3
128°	5.9	5.6	5.6	5.4	5.5
128.5°	5.7	5.7	5.5	5.3	5.5
129°	5.6	5.6	5.5	5.4	5.3
129.5°	5.5	5.6	5.5	5.4	5.4
130°	5.5	5.6	5.4	5.2	5.3
130.5°	5.7	5.5	5.5	5.0	5.3
131°	5.4	5.4	5.4	5.1	5.2
131.5°	5.5	5.3	5.1	5.0	5.1
132°	5.4	5.2	5.2	5.0	5.0
132.5°	5.4	5.2	5.1	5.0	5.1
133°	5.2	5.0	5.0	4.7	4.9
133.5°	5.3	5.0	4.8	4.6	4.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.1	4.8	4.6	4.5	4.9
135.5°	4.8	4.9	4.6	4.4	4.7
136°	4.7	4.6	4.4	4.2	4.7
136.5°	4.8	4.6	4.4	4.2	4.6
137°	4.7	4.5	4.4	4.2	4.5
137.5°	4.6	4.4	4.3	4.0	4.3
138°	4.5	4.3	4.1	4.0	4.3
138.5°	4.6	4.3	4.2	3.9	4.2
139°	4.0	4.2	4.1	3.7	4.3
139.5°	4.3	4.0	3.9	3.8	4.2
140°	4.2	3.9	4.0	3.7	3.9
140.5°	4.2	3.9	3.9	3.7	3.9
141°	4.0	3.9	3.8	3.5	3.7
141.5°	3.7	3.9	3.9	3.5	3.7
142°	3.6	3.6	3.8	3.6	3.4
142.5°	3.6	3.8	3.7	3.5	3.4
143°	3.8	3.7	3.7	3.6	3.4
143.5°	3.8	3.7	3.7	3.4	3.4
144°	3.8	3.5	3.8	3.3	3.5
144.5°	3.6	3.5	3.6	3.4	3.5
145°	3.7	3.5	3.6	3.2	3.5
145.5°	3.6	3.4	3.5	3.2	3.7
146°	3.6	3.4	3.3	3.2	3.5
146.5°	3.7	3.4	3.3	3.2	3.5
147°	3.6	3.4	3.2	3.3	3.3
147.5°	3.5	3.4	3.2	3.3	3.6
148°	3.6	3.4	3.3	3.2	3.6
148.5°	3.7	3.5	3.3	3.2	3.6
149°	3.6	3.4	3.3	3.2	3.6
149.5°	3.8	3.3	3.3	3.2	3.7
150°	3.7	3.5	3.3	3.2	3.6
150.5°	3.6	3.4	3.3	3.3	3.6
151°	3.8	3.4	3.2	3.3	3.8
151.5°	3.7	3.5	3.2	3.3	3.8
152°	3.8	3.5	3.4	3.5	3.6
152.5°	3.8	3.6	3.3	3.4	3.8
153°	3.7	3.5	3.4	3.6	3.9
153.5°	4.0	3.6	3.3	3.5	3.8
154°	3.8	3.6	3.5	3.5	3.8
154.5°	3.8	3.5	3.5	3.7	3.9
155°	3.6	3.6	3.6	3.7	4.0
155.5°	3.8	3.5	3.5	3.6	3.9
156°	3.6	3.6	3.6	3.6	3.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.6	3.4	3.5	3.7	3.8
158°	3.9	3.6	3.5	3.6	3.9
158.5°	3.7	3.6	3.4	3.6	3.8
159°	3.8	3.6	3.5	3.6	4.0
159.5°	3.7	3.5	3.5	3.6	4.1
160°	3.7	3.6	3.4	3.6	3.9
160.5°	3.6	3.5	3.5	3.7	3.9
161°	3.6	3.5	3.5	3.7	3.9
161.5°	3.7	3.6	3.5	3.5	3.7
162°	3.6	3.5	3.6	3.7	3.7
162.5°	3.8	3.7	3.6	3.6	3.8
163°	3.8	3.6	3.7	3.7	3.7
163.5°	3.7	3.6	3.7	3.7	4.0
164°	3.6	3.7	3.6	3.9	3.9
164.5°	3.5	3.8	3.7	3.9	4.0
165°	3.6	3.6	3.5	3.8	3.9
165.5°	3.4	3.6	3.5	4.1	3.9
166°	3.7	3.7	3.6	3.9	3.8
166.5°	3.7	3.6	3.5	4.0	3.6
167°	3.6	3.9	3.6	4.1	4.0
167.5°	3.7	3.9	3.7	4.2	4.0
168°	3.8	3.8	3.6	4.1	3.9
168.5°	3.7	4.0	3.8	4.4	4.0
169°	4.0	3.9	3.6	4.4	4.0
169.5°	3.9	3.9	3.7	4.3	4.1
170°	4.0	3.9	3.8	4.4	4.0
170.5°	4.0	4.1	3.8	4.4	4.2
171°	4.0	4.0	4.0	4.4	4.3
171.5°	3.9	4.0	4.0	4.5	4.1
172°	3.9	4.0	4.1	4.5	4.2
172.5°	4.1	4.1	4.2	4.5	4.2
173°	3.9	3.9	4.2	4.5	4.3
173.5°	4.2	4.1	4.3	4.4	4.4
174°	4.3	4.3	4.6	4.5	4.3
174.5°	4.3	4.5	4.5	4.7	4.5
175°	4.6	4.5	4.6	4.7	4.4
175.5°	4.6	4.5	4.8	4.6	4.6
176°	4.8	4.7	4.6	4.5	4.5
176.5°	4.9	4.6	4.7	4.3	4.5
177°	4.7	4.6	4.4	4.3	4.5
177.5°	4.8	4.6	4.3	4.2	4.6
178°	4.5	4.4	4.2	4.2	4.3
178.5°	4.4	4.3	4.1	4.1	4.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-180-L935-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.8	3.8	3.8	3.8	3.8



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4017.3	4012.4	3992.9	3974.3	3966.5
22°	4015.3	4010.4	3989.9	3971.4	3963.5



44°	3596.0	3581.4	3552.0	3534.4	3522.7
44.5°	3573.5	3557.9	3530.5	3512.0	3500.2



66.5°	1920.7	1912.9	1898.2	1893.3	1888.4
67°	1872.8	1864.0	1850.3	1845.4	1841.5



89°	28.5	28.1	27.8	29.2	29.6
89.5°	12.6	12.8	12.5	13.4	13.2



111.5°	2.4	2.2	2.2	2.2	2.2
112°	2.4	2.2	2.2	2.2	2.4



134°	5.0	4.9	4.8	4.7	5.0
134.5°	5.1	4.8	4.8	4.5	4.7



156.5°	3.8	3.5	3.6	3.7	3.8
157°	3.7	3.5	3.6	3.6	3.8



179°	4.2	4.1	3.9	4.0	4.2
179.5°	3.7	3.9	3.8	3.7	4.0



(END OF REPORT)