

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-160-L935-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-160-L935-CFR2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3500K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

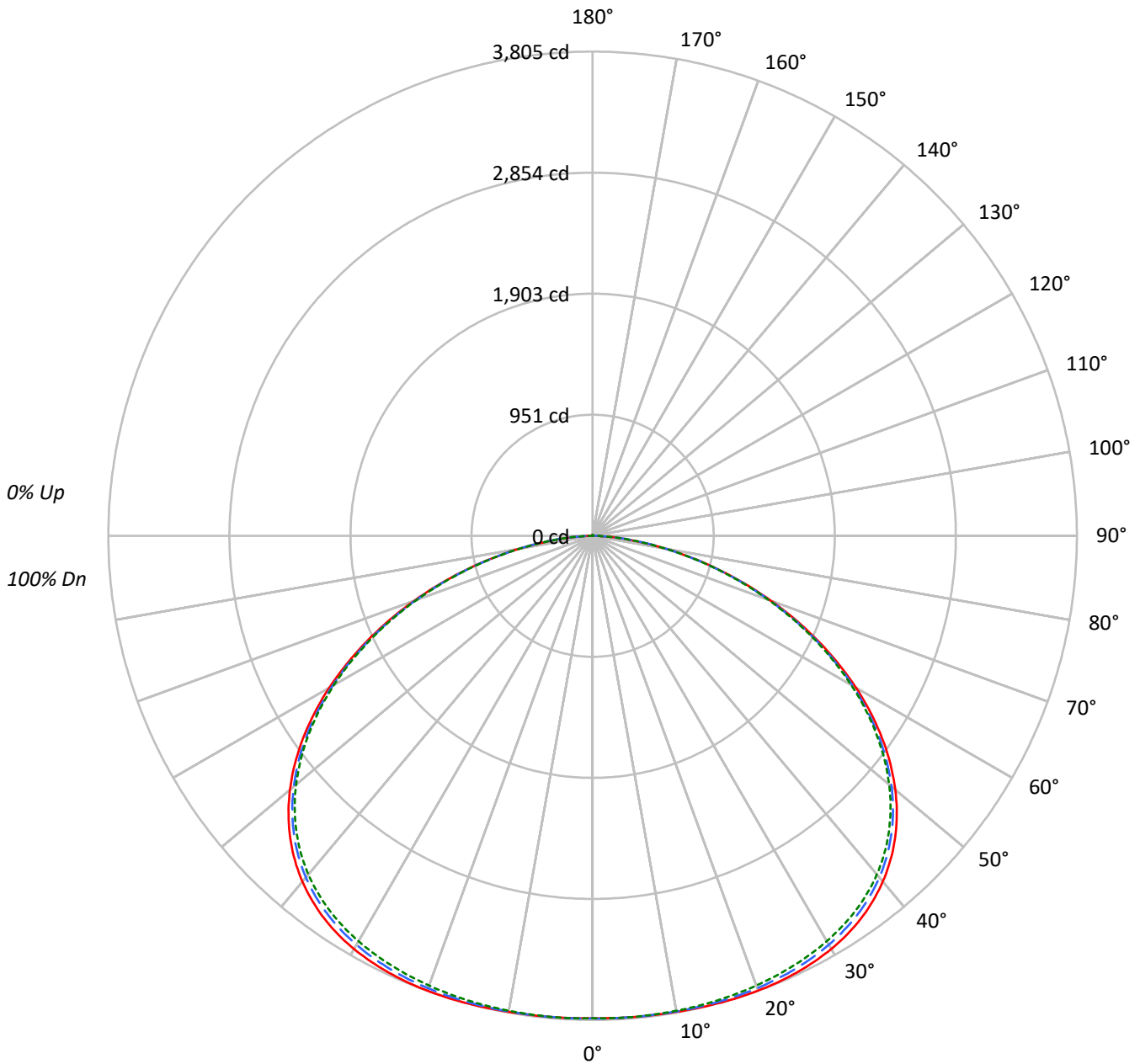
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13731.0 lumens
Efficiency: N/A
Efficacy: 106.1 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): 129.4
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

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Luminous Intensity Polar Plot





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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°	2707	2707	2707
5°	2720	2720	2720
10°	2754	2752	2748
15°	2812	2804	2794
20°	2889	2874	2858
25°	2984	2961	2937
30°	3091	3060	3032
35°	3202	3165	3136
40°	3306	3266	3238
45°	3392	3350	3322
50°	3447	3405	3378
55°	3458	3416	3390
60°	3412	3370	3350
65°	3301	3264	3248
70°	3112	3079	3064
75°	2819	2801	2788
80°	2398	2406	2380
85°	1786	1830	1827



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	362.3	2.6
10°-20°	1074.8	7.8
20°-30°	1737.5	12.7
30°-40°	2275.7	16.6
40°-50°	2559.8	18.6
50°-60°	2449.4	17.8
60°-70°	1910.4	13.9
70°-80°	1076.6	7.8
80°-90°	266.4	1.9
90°-100°	0.9	0.0
100°-110°	1.5	0.0
110°-120°	2.8	0.0
120°-130°	4.4	0.0
130°-140°	3.4	0.0
140°-150°	2.1	0.0
150°-160°	1.6	0.0
160°-170°	1.0	0.0
170°-180°	0.4	0.0
0°-30°	3174.6	23.1
0°-40°	5450.3	39.7
0°-60°	10459.5	76.2
0°-90°	13712.9	99.9
90°-120°	5.3	0.0
90°-150°	15.2	0.1
90°-180°	18.0	0.1
0°-180°	13731.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3792	3792	3792	3792	3792	
5°	3796	3797	3796	3796	3795	362
15°	3804	3803	3794	3786	3781	1078
25°	3788	3782	3759	3738	3729	1751
35°	3674	3662	3631	3609	3599	2300
45°	3360	3345	3319	3303	3291	2588
55°	2778	2764	2744	2732	2724	2476
65°	1954	1947	1932	1927	1923	1929
75°	1022	1022	1016	1014	1011	1083
85°	218	221	223	225	223	253
90°	2	2	2	2	2	10
95°	1	1	1	1	1	1
105°	2	2	1	2	2	2
115°	3	3	3	3	3	3
125°	5	5	5	5	5	4
135°	5	4	4	4	5	4
145°	4	3	3	3	3	2
155°	3	3	3	4	4	2
165°	3	3	3	4	4	1
175°	4	4	4	4	4	0
180°	4	4	4	4	4	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3792.1	3792.1	3792.1	3792.1	3792.1
0.5°	3791.2	3794.0	3794.9	3794.0	3792.1
1°	3792.1	3794.0	3794.9	3794.9	3793.0
1.5°	3793.0	3794.9	3794.9	3794.9	3794.0
2°	3793.0	3794.9	3794.9	3795.8	3794.0
2.5°	3794.0	3795.8	3795.8	3795.8	3794.0
3°	3794.9	3795.8	3795.8	3795.8	3794.9
3.5°	3794.9	3795.8	3795.8	3795.8	3794.9
4°	3795.8	3795.8	3795.8	3795.8	3794.9
4.5°	3795.8	3796.7	3795.8	3795.8	3794.9
5°	3795.8	3796.7	3795.8	3795.8	3794.9
5.5°	3795.8	3796.7	3795.8	3795.8	3794.9
6°	3796.7	3796.7	3795.8	3795.8	3794.0
6.5°	3796.7	3797.7	3796.7	3795.8	3794.0
7°	3796.7	3797.7	3795.8	3795.8	3794.0
7.5°	3796.7	3797.7	3795.8	3794.9	3793.0
8°	3797.7	3797.7	3796.7	3794.9	3793.0
8.5°	3797.7	3798.6	3795.8	3794.9	3792.1
9°	3798.6	3798.6	3796.7	3794.0	3792.1
9.5°	3798.6	3799.5	3795.8	3794.0	3791.2
10°	3799.5	3799.5	3795.8	3793.0	3790.3
10.5°	3800.4	3800.4	3795.8	3793.0	3790.3
11°	3800.4	3800.4	3795.8	3792.1	3789.3
11.5°	3801.4	3801.4	3795.8	3791.2	3788.4
12°	3801.4	3801.4	3795.8	3791.2	3787.5
12.5°	3802.3	3801.4	3794.9	3790.3	3786.6
13°	3802.3	3801.4	3794.9	3789.3	3785.6
13.5°	3803.2	3802.3	3794.9	3788.4	3784.7
14°	3803.2	3802.3	3794.9	3787.5	3782.9
14.5°	3804.1	3802.3	3794.0	3786.6	3781.9
15°	3804.1	3803.2	3794.0	3785.6	3781.0
15.5°	3805.1	3803.2	3793.0	3783.8	3779.2
16°	3804.1	3803.2	3792.1	3782.9	3777.3
16.5°	3805.1	3803.2	3792.1	3781.0	3775.5
17°	3805.1	3802.3	3791.2	3779.2	3774.5
17.5°	3805.1	3802.3	3789.3	3778.2	3772.7
18°	3805.1	3802.3	3788.4	3776.4	3769.9
18.5°	3805.1	3801.4	3787.5	3774.5	3768.1
19°	3804.1	3801.4	3786.6	3772.7	3766.2
19.5°	3804.1	3800.4	3784.7	3769.9	3763.4
20°	3803.2	3799.5	3782.9	3768.1	3761.6
20.5°	3802.3	3798.6	3781.9	3766.2	3758.8
21°	3802.3	3797.7	3780.1	3763.4	3756.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	3798.6	3793.0	3773.6	3755.1	3746.8
23°	3796.7	3791.2	3770.8	3752.3	3744.0
23.5°	3794.9	3789.3	3768.1	3748.6	3740.3
24°	3793.0	3787.5	3765.3	3744.9	3736.6
24.5°	3791.2	3784.7	3762.5	3741.2	3732.9
25°	3788.4	3781.9	3758.8	3737.5	3729.2
25.5°	3785.6	3779.2	3755.1	3733.8	3724.6
26°	3782.9	3776.4	3751.4	3730.1	3720.9
26.5°	3780.1	3772.7	3747.7	3725.5	3716.3
27°	3776.4	3769.0	3743.1	3720.9	3711.6
27.5°	3772.7	3765.3	3738.5	3716.3	3707.0
28°	3769.0	3760.7	3733.8	3711.6	3702.4
28.5°	3764.4	3756.0	3729.2	3706.1	3696.8
29°	3759.7	3751.4	3723.7	3700.5	3691.3
29.5°	3755.1	3745.9	3718.1	3695.0	3684.8
30°	3749.6	3740.3	3711.6	3688.5	3678.3
30.5°	3744.0	3734.8	3705.2	3682.0	3672.8
31°	3737.5	3728.3	3698.7	3675.6	3665.4
31.5°	3732.0	3721.8	3691.3	3669.1	3658.9
32°	3724.6	3714.4	3684.8	3661.7	3651.5
32.5°	3717.2	3707.0	3676.5	3653.4	3643.2
33°	3709.8	3698.7	3668.2	3646.0	3634.9
33.5°	3701.5	3690.4	3659.8	3637.6	3626.5
34°	3692.2	3681.1	3650.6	3628.4	3618.2
34.5°	3683.0	3671.9	3641.3	3619.1	3609.0
35°	3673.7	3661.7	3631.2	3609.0	3598.8
35.5°	3663.5	3651.5	3621.0	3598.8	3588.6
36°	3653.4	3640.4	3609.9	3588.6	3577.5
36.5°	3641.3	3629.3	3598.8	3577.5	3567.4
37°	3629.3	3617.3	3586.8	3565.5	3555.3
37.5°	3617.3	3604.3	3574.8	3553.5	3542.4
38°	3604.3	3592.3	3561.8	3541.5	3530.4
38.5°	3591.4	3578.5	3547.9	3527.6	3517.4
39°	3577.5	3563.7	3534.1	3514.6	3503.5
39.5°	3562.7	3548.9	3520.2	3499.8	3489.7
40°	3547.0	3534.1	3504.5	3485.0	3474.9
40.5°	3532.2	3518.3	3488.7	3470.2	3459.1
41°	3515.6	3501.7	3473.0	3453.6	3442.5
41.5°	3498.0	3484.1	3455.4	3436.9	3425.8
42°	3480.4	3466.5	3437.9	3420.3	3408.3
42.5°	3461.9	3448.0	3419.4	3401.8	3390.7
43°	3443.4	3428.6	3400.9	3383.3	3372.2
43.5°	3424.0	3409.2	3381.4	3363.9	3352.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3360.2	3345.4	3318.6	3302.8	3290.8
45.5°	3338.0	3322.3	3296.4	3280.6	3269.5
46°	3314.9	3299.1	3273.2	3257.5	3246.4
46.5°	3290.8	3275.1	3250.1	3234.4	3223.3
47°	3265.8	3251.0	3225.1	3211.3	3199.2
47.5°	3240.9	3225.1	3200.2	3186.3	3174.3
48°	3215.9	3199.2	3175.2	3160.4	3148.4
48.5°	3189.1	3173.3	3149.3	3135.4	3124.3
49°	3160.4	3145.6	3121.5	3106.8	3096.6
49.5°	3132.6	3117.8	3093.8	3079.9	3068.8
50°	3104.0	3088.3	3066.1	3052.2	3041.1
50.5°	3074.4	3058.7	3036.5	3022.6	3012.4
51°	3044.8	3029.1	3006.9	2993.0	2981.9
51.5°	3013.3	2997.6	2975.4	2962.5	2952.3
52°	2981.9	2966.2	2944.0	2931.9	2921.8
52.5°	2950.4	2934.7	2912.5	2899.6	2890.3
53°	2916.2	2901.4	2881.1	2869.0	2858.9
53.5°	2882.0	2867.2	2846.9	2834.8	2825.6
54°	2847.8	2833.0	2812.6	2800.6	2792.3
54.5°	2814.5	2798.8	2779.3	2767.3	2759.0
55°	2778.4	2763.6	2744.2	2732.2	2723.8
55.5°	2742.3	2727.5	2708.1	2696.1	2688.7
56°	2704.4	2690.5	2671.1	2660.9	2653.5
56.5°	2666.5	2653.5	2634.1	2624.0	2616.6
57°	2629.5	2615.6	2597.1	2587.9	2580.5
57.5°	2592.5	2577.7	2559.2	2550.0	2542.6
58°	2551.8	2537.9	2520.4	2511.1	2504.6
58.5°	2512.0	2499.1	2480.6	2472.3	2465.8
59°	2472.3	2459.3	2441.7	2433.4	2426.9
59.5°	2430.6	2418.6	2401.0	2392.7	2386.3
60°	2390.0	2377.0	2360.4	2353.0	2346.5
60.5°	2348.3	2337.2	2319.7	2312.3	2305.8
61°	2305.8	2294.7	2278.0	2270.6	2264.2
61.5°	2262.3	2253.1	2236.4	2229.0	2223.5
62°	2219.8	2210.5	2193.9	2187.4	2181.8
62.5°	2176.3	2167.0	2150.4	2143.9	2138.4
63°	2132.8	2123.6	2107.9	2101.4	2095.8
63.5°	2088.4	2079.2	2064.4	2057.9	2052.4
64°	2044.0	2034.8	2019.1	2014.4	2008.0
64.5°	1999.6	1990.4	1974.7	1970.0	1964.5
65°	1954.3	1946.9	1932.1	1926.6	1922.9
65.5°	1909.9	1900.7	1886.8	1882.2	1876.6
66°	1862.8	1855.4	1841.5	1836.9	1833.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1725.9	1717.5	1705.5	1700.9	1696.3
68°	1678.7	1671.3	1659.3	1655.6	1651.0
68.5°	1631.5	1624.1	1612.1	1609.3	1606.6
69°	1584.4	1577.0	1566.8	1564.0	1560.3
69.5°	1538.1	1530.7	1521.5	1518.7	1514.1
70°	1490.9	1484.5	1475.2	1472.4	1467.8
70.5°	1443.8	1437.3	1429.0	1426.2	1421.6
71°	1396.6	1391.1	1383.7	1380.0	1375.3
71.5°	1350.4	1344.8	1336.5	1333.7	1330.0
72°	1303.2	1298.6	1290.2	1288.4	1283.8
72.5°	1256.0	1252.3	1244.0	1242.1	1238.4
73°	1208.8	1205.1	1196.8	1195.0	1192.2
73.5°	1162.6	1158.9	1151.5	1148.7	1146.0
74°	1116.4	1113.6	1106.2	1104.3	1100.6
74.5°	1069.2	1067.3	1060.9	1058.1	1055.3
75°	1022.0	1022.0	1015.5	1013.7	1010.9
75.5°	976.7	976.7	970.2	968.4	965.6
76°	931.4	931.4	924.9	923.1	919.4
76.5°	885.6	886.0	880.5	878.6	875.5
77°	841.8	842.1	837.2	834.7	831.7
77.5°	794.9	797.1	793.0	790.8	787.7
78°	751.1	753.9	749.7	748.0	745.4
78.5°	709.9	711.6	708.9	706.8	703.2
79°	666.7	668.1	666.3	664.5	660.9
79.5°	624.1	626.4	625.2	623.6	619.5
80°	583.3	585.0	585.3	582.8	579.0
80.5°	540.4	543.8	544.4	541.9	540.0
81°	500.7	504.0	504.9	503.4	500.8
81.5°	461.7	465.5	466.3	465.5	462.2
82°	422.6	427.2	428.6	428.0	424.3
82.5°	385.2	390.4	391.9	391.3	387.9
83°	349.0	354.6	356.0	356.5	353.3
83.5°	313.9	319.3	321.0	321.6	318.2
84°	280.2	285.1	287.3	288.2	285.3
84.5°	248.2	252.1	254.8	256.0	254.6
85°	218.1	220.9	223.4	225.0	223.1
85.5°	188.9	191.1	192.9	195.5	194.0
86°	161.7	163.9	165.2	167.2	167.2
86.5°	135.8	136.8	137.8	140.2	140.2
87°	111.0	111.1	111.5	114.5	114.6
87.5°	85.6	86.4	86.8	89.4	90.4
88°	60.4	62.5	63.1	65.6	65.4
88.5°	42.7	42.7	42.6	45.1	45.7



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CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.2	2.3	2.4	2.3	2.1
113°	2.5	2.2	2.2	2.3	2.3
113.5°	2.5	2.5	2.5	2.6	2.6
114°	2.6	2.6	2.7	2.7	2.6
114.5°	2.8	2.8	2.7	2.7	2.5
115°	2.8	2.8	2.7	2.8	2.7
115.5°	3.1	2.8	3.0	2.9	2.7
116°	3.0	3.1	3.1	3.0	2.9
116.5°	3.1	3.1	3.1	3.1	3.1
117°	3.3	3.3	3.3	3.3	3.0
117.5°	3.5	3.3	3.4	3.3	3.1
118°	3.5	3.4	3.6	3.4	3.2
118.5°	3.8	3.6	3.6	3.5	3.4
119°	3.8	3.8	3.9	3.6	3.6
119.5°	3.9	3.9	3.9	3.8	3.7
120°	4.1	4.1	4.0	3.9	4.0
120.5°	4.2	4.0	4.2	4.1	4.0
121°	4.2	4.2	4.2	4.2	4.0
121.5°	4.6	4.4	4.3	4.2	4.2
122°	4.3	4.6	4.4	4.3	4.4
122.5°	4.7	4.6	4.5	4.5	4.3
123°	4.8	4.8	4.6	4.6	4.5
123.5°	4.8	5.0	4.7	4.5	4.7
124°	4.9	5.0	4.9	4.7	4.7
124.5°	5.2	5.0	4.9	4.8	4.8
125°	5.4	5.2	5.1	5.0	5.0
125.5°	5.4	5.3	5.1	5.0	5.1
126°	5.4	5.2	5.1	5.1	5.0
126.5°	5.2	5.3	5.4	5.1	5.2
127°	5.4	5.4	5.2	5.1	5.0
127.5°	5.5	5.5	5.4	5.1	5.0
128°	5.5	5.3	5.3	5.1	5.2
128.5°	5.4	5.4	5.2	5.0	5.2
129°	5.3	5.3	5.2	5.1	5.0
129.5°	5.2	5.3	5.2	5.1	5.1
130°	5.2	5.3	5.1	4.9	5.0
130.5°	5.4	5.2	5.2	4.7	5.0
131°	5.1	5.1	5.1	4.8	4.9
131.5°	5.2	5.0	4.8	4.7	4.8
132°	5.1	4.9	4.9	4.7	4.7
132.5°	5.1	4.9	4.8	4.7	4.8
133°	4.9	4.7	4.7	4.4	4.6
133.5°	5.0	4.7	4.5	4.3	4.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	4.8	4.5	4.3	4.3	4.6
135.5°	4.5	4.6	4.3	4.2	4.4
136°	4.4	4.3	4.2	4.0	4.4
136.5°	4.5	4.3	4.2	4.0	4.3
137°	4.4	4.3	4.2	4.0	4.3
137.5°	4.3	4.2	4.1	3.8	4.1
138°	4.3	4.1	3.9	3.8	4.1
138.5°	4.3	4.1	4.0	3.7	4.0
139°	3.8	4.0	3.9	3.5	4.1
139.5°	4.1	3.8	3.7	3.6	4.0
140°	4.0	3.7	3.8	3.5	3.7
140.5°	4.0	3.7	3.7	3.5	3.7
141°	3.8	3.7	3.6	3.3	3.5
141.5°	3.5	3.7	3.7	3.3	3.5
142°	3.4	3.4	3.6	3.4	3.2
142.5°	3.4	3.6	3.5	3.3	3.2
143°	3.6	3.5	3.5	3.4	3.2
143.5°	3.6	3.5	3.5	3.2	3.2
144°	3.6	3.3	3.6	3.1	3.3
144.5°	3.4	3.3	3.4	3.2	3.3
145°	3.5	3.3	3.4	3.1	3.3
145.5°	3.4	3.2	3.3	3.1	3.5
146°	3.4	3.2	3.1	3.1	3.3
146.5°	3.5	3.2	3.1	3.1	3.3
147°	3.4	3.2	3.1	3.1	3.1
147.5°	3.3	3.2	3.1	3.1	3.4
148°	3.4	3.2	3.1	3.1	3.4
148.5°	3.5	3.3	3.1	3.1	3.4
149°	3.4	3.2	3.1	3.1	3.4
149.5°	3.6	3.1	3.1	3.1	3.5
150°	3.5	3.3	3.1	3.1	3.4
150.5°	3.4	3.2	3.1	3.1	3.4
151°	3.6	3.2	3.1	3.1	3.6
151.5°	3.5	3.3	3.1	3.1	3.6
152°	3.6	3.3	3.2	3.3	3.4
152.5°	3.6	3.4	3.1	3.2	3.6
153°	3.5	3.3	3.2	3.4	3.7
153.5°	3.8	3.4	3.1	3.3	3.6
154°	3.6	3.4	3.3	3.3	3.6
154.5°	3.6	3.3	3.3	3.5	3.7
155°	3.4	3.4	3.4	3.5	3.8
155.5°	3.6	3.3	3.3	3.4	3.7
156°	3.4	3.4	3.4	3.4	3.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.4	3.2	3.3	3.5	3.6
158°	3.7	3.4	3.3	3.4	3.7
158.5°	3.5	3.4	3.2	3.4	3.6
159°	3.6	3.4	3.3	3.4	3.8
159.5°	3.5	3.3	3.3	3.4	3.9
160°	3.5	3.4	3.2	3.4	3.7
160.5°	3.4	3.3	3.3	3.5	3.7
161°	3.4	3.3	3.3	3.5	3.7
161.5°	3.5	3.4	3.3	3.3	3.5
162°	3.4	3.3	3.4	3.5	3.5
162.5°	3.6	3.5	3.4	3.4	3.6
163°	3.6	3.4	3.5	3.5	3.5
163.5°	3.5	3.4	3.5	3.5	3.8
164°	3.4	3.5	3.4	3.7	3.7
164.5°	3.3	3.6	3.5	3.7	3.8
165°	3.4	3.4	3.3	3.6	3.7
165.5°	3.2	3.4	3.3	3.9	3.7
166°	3.5	3.5	3.4	3.7	3.6
166.5°	3.5	3.4	3.3	3.8	3.4
167°	3.4	3.7	3.4	3.9	3.8
167.5°	3.5	3.7	3.5	4.0	3.8
168°	3.6	3.6	3.4	3.9	3.7
168.5°	3.5	3.8	3.6	4.2	3.8
169°	3.8	3.7	3.4	4.2	3.8
169.5°	3.7	3.7	3.5	4.1	3.9
170°	3.8	3.7	3.6	4.2	3.8
170.5°	3.8	3.9	3.6	4.2	4.0
171°	3.8	3.8	3.8	4.2	4.1
171.5°	3.7	3.8	3.8	4.3	3.9
172°	3.7	3.8	3.9	4.3	4.0
172.5°	3.9	3.9	4.0	4.3	4.0
173°	3.7	3.7	4.0	4.3	4.1
173.5°	4.0	3.9	4.1	4.2	4.2
174°	4.1	4.1	4.3	4.3	4.1
174.5°	4.1	4.3	4.3	4.4	4.3
175°	4.3	4.3	4.3	4.4	4.2
175.5°	4.3	4.3	4.5	4.3	4.3
176°	4.5	4.4	4.3	4.3	4.3
176.5°	4.6	4.3	4.4	4.1	4.3
177°	4.4	4.3	4.2	4.1	4.3
177.5°	4.5	4.3	4.1	4.0	4.3
178°	4.3	4.2	4.0	4.0	4.1
178.5°	4.2	4.1	3.9	3.9	3.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L935-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.6	3.6	3.6	3.6	3.6



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	3801.4	3796.7	3778.2	3760.7	3753.3
22°	3799.5	3794.9	3775.5	3757.9	3750.5



44°	3402.7	3388.8	3361.1	3344.5	3333.4
44.5°	3381.4	3366.6	3340.8	3323.2	3312.1



66.5°	1817.4	1810.0	1796.2	1791.5	1786.9
67°	1772.1	1763.8	1750.8	1746.2	1742.5



89°	27.0	26.5	26.3	27.7	28.0
89.5°	11.9	12.1	11.8	12.7	12.5



111.5°	2.3	2.0	2.1	2.1	2.0
112°	2.3	2.1	2.1	2.1	2.3



134°	4.7	4.6	4.5	4.4	4.7
134.5°	4.8	4.5	4.5	4.3	4.4



156.5°	3.6	3.3	3.4	3.5	3.6
157°	3.5	3.3	3.4	3.4	3.6



179°	4.0	3.9	3.7	3.8	4.0
179.5°	3.5	3.7	3.6	3.5	3.8



(END OF REPORT)