

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-L830-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-160-L830-CFD2
Description: 16000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

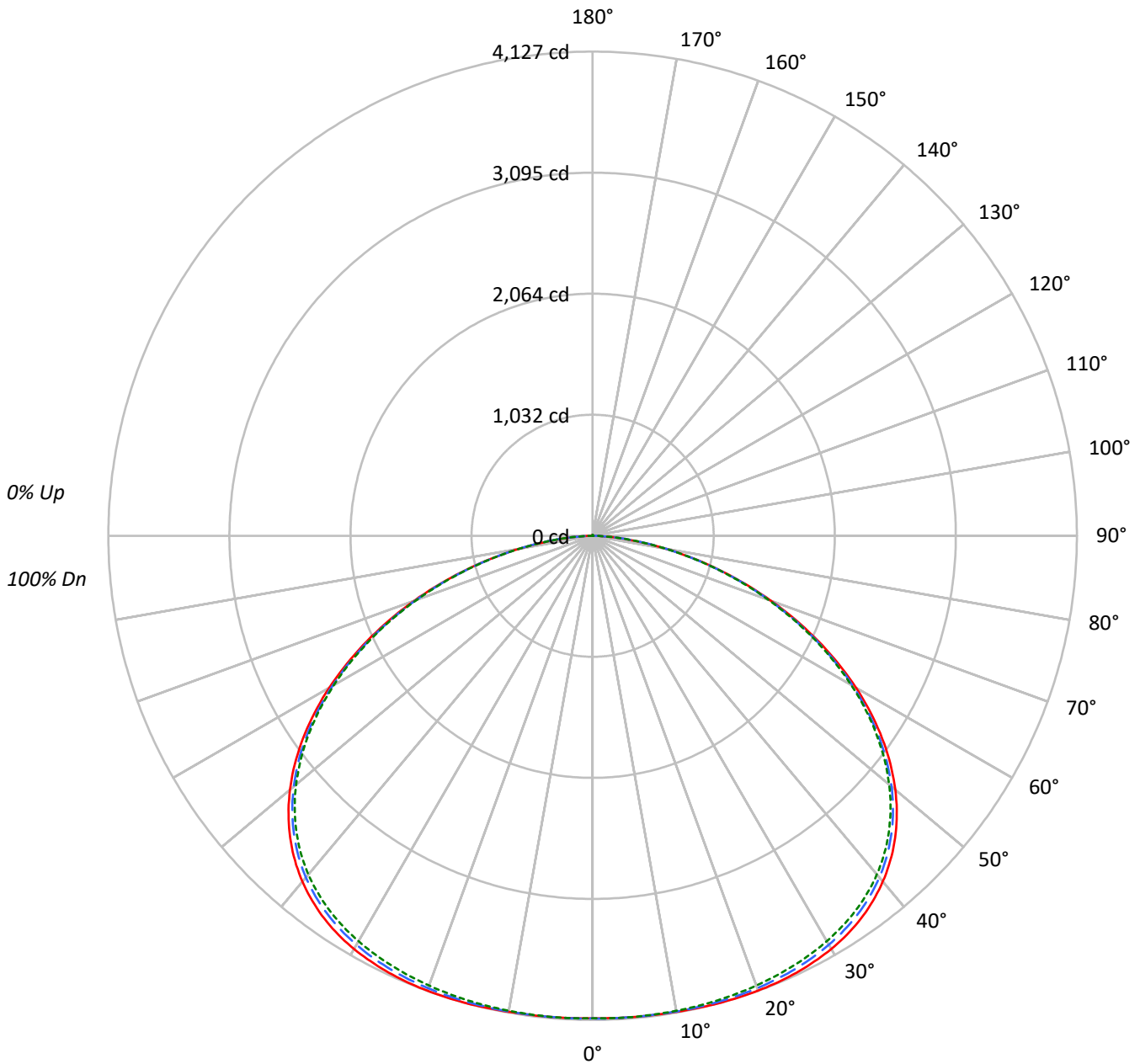
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14892.9 lumens
Efficiency: N/A
Efficacy: 115.1 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): 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					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°	2936	2936	2936
5°	2939	2935	2939
10°	2965	2953	2958
15°	3015	2993	2997
20°	3086	3050	3052
25°	3173	3123	3124
30°	3271	3206	3209
35°	3371	3292	3303
40°	3461	3371	3390
45°	3528	3426	3455
50°	3557	3444	3485
55°	3534	3409	3465
60°	3445	3308	3382
65°	3279	3132	3226
70°	3019	2862	2972
75°	2635	2477	2607
80°	2092	1941	2076
85°	1300	1172	1330



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	393.0	2.6
10°-20°	1165.7	7.8
20°-30°	1884.5	12.7
30°-40°	2468.3	16.6
40°-50°	2776.4	18.6
50°-60°	2656.7	17.8
60°-70°	2072.0	13.9
70°-80°	1167.7	7.8
80°-90°	288.9	1.9
90°-100°	1.0	0.0
100°-110°	1.7	0.0
110°-120°	3.0	0.0
120°-130°	4.7	0.0
130°-140°	3.7	0.0
140°-150°	2.3	0.0
150°-160°	1.7	0.0
160°-170°	1.1	0.0
170°-180°	0.4	0.0
0°-30°	3443.2	23.1
0°-40°	5911.6	39.7
0°-60°	11344.6	76.2
0°-90°	14873.3	99.9
90°-120°	5.7	0.0
90°-150°	16.4	0.1
90°-180°	20.0	0.1
0°-180°	14892.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4113	4113	4113	4113	4113	
5°	4117	4118	4117	4117	4116	393
15°	4126	4125	4115	4106	4101	1169
25°	4109	4102	4077	4054	4045	1899
35°	3985	3972	3938	3914	3903	2495
45°	3644	3628	3599	3582	3569	2807
55°	3014	2998	2976	2963	2954	2686
65°	2120	2112	2096	2090	2086	2092
75°	1108	1108	1102	1100	1096	1175
85°	236	240	242	244	242	274
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	6	5	5	5
135°	5	5	5	5	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	5	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°	4113.0	4113.0	4113.0	4113.0	4113.0
0.5°	4112.0	4115.0	4116.0	4115.0	4113.0
1°	4113.0	4115.0	4116.0	4116.0	4114.0
1.5°	4114.0	4116.0	4116.0	4116.0	4115.0
2°	4114.0	4116.0	4116.0	4117.0	4115.0
2.5°	4115.0	4117.0	4117.0	4117.0	4115.0
3°	4116.0	4117.0	4117.0	4117.0	4116.0
3.5°	4116.0	4117.0	4117.0	4117.0	4116.0
4°	4117.0	4117.0	4117.0	4117.0	4116.0
4.5°	4117.0	4118.0	4117.0	4117.0	4116.0
5°	4117.0	4118.0	4117.0	4117.0	4116.0
5.5°	4117.0	4118.0	4117.0	4117.0	4116.0
6°	4118.0	4118.0	4117.0	4117.0	4115.0
6.5°	4118.0	4119.0	4118.0	4117.0	4115.0
7°	4118.0	4119.0	4117.0	4117.0	4115.0
7.5°	4118.0	4119.0	4117.0	4116.0	4114.0
8°	4119.0	4119.0	4118.0	4116.0	4114.0
8.5°	4119.0	4120.0	4117.0	4116.0	4113.0
9°	4120.0	4120.0	4118.0	4115.0	4113.0
9.5°	4120.0	4121.0	4117.0	4115.0	4112.0
10°	4121.0	4121.0	4117.0	4114.0	4111.0
10.5°	4122.0	4122.0	4117.0	4114.0	4111.0
11°	4122.0	4122.0	4117.0	4113.0	4110.0
11.5°	4123.0	4123.0	4117.0	4112.0	4109.0
12°	4123.0	4123.0	4117.0	4112.0	4108.0
12.5°	4124.0	4123.0	4116.0	4111.0	4107.0
13°	4124.0	4123.0	4116.0	4110.0	4106.0
13.5°	4125.1	4124.0	4116.0	4109.0	4105.0
14°	4125.1	4124.0	4116.0	4108.0	4103.0
14.5°	4126.1	4124.0	4115.0	4107.0	4102.0
15°	4126.1	4125.1	4115.0	4106.0	4101.0
15.5°	4127.1	4125.1	4114.0	4104.0	4099.0
16°	4126.1	4125.1	4113.0	4103.0	4097.0
16.5°	4127.1	4125.1	4113.0	4101.0	4095.0
17°	4127.1	4124.0	4112.0	4099.0	4094.0
17.5°	4127.1	4124.0	4110.0	4098.0	4091.9
18°	4127.1	4124.0	4109.0	4096.0	4088.9
18.5°	4127.1	4123.0	4108.0	4094.0	4086.9
19°	4126.1	4123.0	4107.0	4091.9	4084.9
19.5°	4126.1	4122.0	4105.0	4088.9	4081.9
20°	4125.1	4121.0	4103.0	4086.9	4079.9
20.5°	4124.0	4120.0	4102.0	4084.9	4076.9
21°	4124.0	4119.0	4100.0	4081.9	4073.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	4120.0	4114.0	4093.0	4072.9	4063.9
23°	4118.0	4112.0	4089.9	4069.9	4060.8
23.5°	4116.0	4110.0	4086.9	4065.9	4056.8
24°	4114.0	4108.0	4083.9	4061.9	4052.8
24.5°	4112.0	4105.0	4080.9	4057.8	4048.8
25°	4109.0	4102.0	4076.9	4053.8	4044.8
25.5°	4106.0	4099.0	4072.9	4049.8	4039.8
26°	4103.0	4096.0	4068.9	4045.8	4035.8
26.5°	4100.0	4091.9	4064.9	4040.8	4030.8
27°	4096.0	4087.9	4059.8	4035.8	4025.7
27.5°	4091.9	4083.9	4054.8	4030.8	4020.7
28°	4087.9	4078.9	4049.8	4025.7	4015.7
28.5°	4082.9	4073.9	4044.8	4019.7	4009.7
29°	4077.9	4068.9	4038.8	4013.7	4003.7
29.5°	4072.9	4062.9	4032.8	4007.7	3996.6
30°	4066.9	4056.8	4025.7	4000.7	3989.6
30.5°	4060.8	4050.8	4018.7	3993.6	3983.6
31°	4053.8	4043.8	4011.7	3986.6	3975.6
31.5°	4047.8	4036.8	4003.7	3979.6	3968.6
32°	4039.8	4028.7	3996.6	3971.6	3960.5
32.5°	4031.8	4020.7	3987.6	3962.5	3951.5
33°	4023.7	4011.7	3978.6	3954.5	3942.5
33.5°	4014.7	4002.7	3969.6	3945.5	3933.4
34°	4004.7	3992.6	3959.5	3935.5	3924.4
34.5°	3994.6	3982.6	3949.5	3925.4	3914.4
35°	3984.6	3971.6	3938.5	3914.4	3903.4
35.5°	3973.6	3960.5	3927.4	3903.4	3892.3
36°	3962.5	3948.5	3915.4	3892.3	3880.3
36.5°	3949.5	3936.5	3903.4	3880.3	3869.2
37°	3936.5	3923.4	3890.3	3867.2	3856.2
37.5°	3923.4	3909.4	3877.3	3854.2	3842.2
38°	3909.4	3896.3	3863.2	3841.2	3829.1
38.5°	3895.3	3881.3	3848.2	3826.1	3815.1
39°	3880.3	3865.2	3833.1	3812.1	3800.0
39.5°	3864.2	3849.2	3818.1	3796.0	3785.0
40°	3847.2	3833.1	3801.0	3780.0	3768.9
40.5°	3831.1	3816.1	3784.0	3763.9	3751.9
41°	3813.1	3798.0	3766.9	3745.9	3733.8
41.5°	3794.0	3779.0	3747.9	3727.8	3715.8
42°	3774.9	3759.9	3728.8	3709.7	3696.7
42.5°	3754.9	3739.8	3708.7	3689.7	3677.6
43°	3734.8	3718.8	3688.7	3669.6	3657.6
43.5°	3713.8	3697.7	3667.6	3648.5	3636.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	3644.5	3628.5	3599.4	3582.3	3569.3
45.5°	3620.5	3603.4	3575.3	3558.3	3546.2
46°	3595.4	3578.3	3550.2	3533.2	3521.1
46.5°	3569.3	3552.2	3525.2	3508.1	3496.1
47°	3542.2	3526.2	3498.1	3483.0	3470.0
47.5°	3515.1	3498.1	3471.0	3455.9	3442.9
48°	3488.0	3470.0	3443.9	3427.8	3414.8
48.5°	3458.9	3441.9	3415.8	3400.8	3388.7
49°	3427.8	3411.8	3385.7	3369.7	3358.6
49.5°	3397.8	3381.7	3355.6	3340.6	3328.5
50°	3366.7	3349.6	3325.5	3310.5	3298.4
50.5°	3334.6	3317.5	3293.4	3278.4	3267.3
51°	3302.4	3285.4	3261.3	3246.3	3234.2
51.5°	3268.3	3251.3	3227.2	3213.2	3202.1
52°	3234.2	3217.2	3193.1	3180.1	3169.0
52.5°	3200.1	3183.1	3159.0	3145.0	3134.9
53°	3163.0	3147.0	3124.9	3111.8	3100.8
53.5°	3125.9	3109.8	3087.8	3074.7	3064.7
54°	3088.8	3072.7	3050.7	3037.6	3028.6
54.5°	3052.7	3035.6	3014.5	3001.5	2992.5
55°	3013.5	2997.5	2976.4	2963.4	2954.3
55.5°	2974.4	2958.4	2937.3	2924.3	2916.2
56°	2933.3	2918.2	2897.2	2886.1	2878.1
56.5°	2892.2	2878.1	2857.0	2846.0	2838.0
57°	2852.0	2837.0	2816.9	2806.9	2798.9
57.5°	2811.9	2795.8	2775.8	2765.8	2757.7
58°	2767.8	2752.7	2733.6	2723.6	2716.6
58.5°	2724.6	2710.6	2690.5	2681.5	2674.5
59°	2681.5	2667.4	2648.4	2639.4	2632.3
59.5°	2636.3	2623.3	2604.2	2595.2	2588.2
60°	2592.2	2578.2	2560.1	2552.1	2545.1
60.5°	2547.1	2535.0	2516.0	2507.9	2500.9
61°	2500.9	2488.9	2470.8	2462.8	2455.8
61.5°	2453.8	2443.7	2425.7	2417.6	2411.6
62°	2407.6	2397.6	2379.5	2372.5	2366.5
62.5°	2360.5	2350.4	2332.4	2325.4	2319.3
63°	2313.3	2303.3	2286.2	2279.2	2273.2
63.5°	2265.2	2255.1	2239.1	2232.1	2226.0
64°	2217.0	2207.0	2189.9	2184.9	2177.9
64.5°	2168.9	2158.8	2141.8	2136.8	2130.7
65°	2119.7	2111.7	2095.6	2089.6	2085.6
65.5°	2071.6	2061.5	2046.5	2041.5	2035.4
66°	2020.4	2012.4	1997.3	1992.3	1988.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1871.9	1862.9	1849.9	1844.8	1839.8
68°	1820.8	1812.7	1799.7	1795.7	1790.7
68.5°	1769.6	1761.6	1748.5	1745.5	1742.5
69°	1718.4	1710.4	1699.4	1696.4	1692.4
69.5°	1668.3	1660.3	1650.2	1647.2	1642.2
70°	1617.1	1610.1	1600.1	1597.1	1592.0
70.5°	1566.0	1558.9	1549.9	1546.9	1541.9
71°	1514.8	1508.8	1500.7	1496.7	1491.7
71.5°	1464.6	1458.6	1449.6	1446.6	1442.6
72°	1413.5	1408.5	1399.4	1397.4	1392.4
72.5°	1362.3	1358.3	1349.3	1347.3	1343.3
73°	1311.1	1307.1	1298.1	1296.1	1293.1
73.5°	1261.0	1257.0	1249.0	1245.9	1242.9
74°	1210.8	1207.8	1199.8	1197.8	1193.8
74.5°	1159.7	1157.7	1150.6	1147.6	1144.6
75°	1108.5	1108.5	1101.5	1099.5	1096.5
75.5°	1059.4	1059.4	1052.3	1050.3	1047.3
76°	1010.2	1010.2	1003.2	1001.3	997.3
76.5°	960.5	960.9	955.0	952.9	949.6
77°	913.0	913.4	908.1	905.4	902.1
77.5°	862.1	864.5	860.1	857.7	854.4
78°	814.7	817.7	813.2	811.3	808.5
78.5°	769.9	771.8	768.9	766.6	762.7
79°	723.1	724.6	722.7	720.7	716.9
79.5°	676.9	679.4	678.1	676.3	671.9
80°	632.7	634.5	634.8	632.1	628.0
80.5°	586.2	589.9	590.5	587.8	585.7
81°	543.1	546.6	547.6	546.0	543.2
81.5°	500.8	504.9	505.8	504.9	501.3
82°	458.4	463.4	464.9	464.2	460.2
82.5°	417.8	423.4	425.0	424.4	420.7
83°	378.5	384.6	386.1	386.6	383.2
83.5°	340.5	346.3	348.2	348.8	345.1
84°	304.0	309.2	311.6	312.6	309.5
84.5°	269.3	273.5	276.4	277.7	276.2
85°	236.5	239.6	242.3	244.1	242.0
85.5°	204.8	207.3	209.3	212.1	210.4
86°	175.4	177.8	179.2	181.4	181.4
86.5°	147.3	148.4	149.5	152.1	152.1
87°	120.4	120.5	120.9	124.2	124.3
87.5°	92.9	93.7	94.1	97.0	98.0
88°	65.5	67.8	68.4	71.1	70.9
88.5°	46.3	46.3	46.2	49.0	49.6



TEST NUMBER: P#

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	2.2	2.1	2.2	2.3	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-160-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	2.4	2.5	2.6	2.5	2.3
113°	2.7	2.4	2.4	2.5	2.5
113.5°	2.7	2.7	2.7	2.8	2.8
114°	2.8	2.8	2.9	2.9	2.8
114.5°	3.0	3.0	2.9	2.9	2.7
115°	3.0	3.0	2.9	3.0	2.9
115.5°	3.3	3.0	3.2	3.1	2.9
116°	3.2	3.3	3.3	3.2	3.1
116.5°	3.4	3.4	3.4	3.4	3.3
117°	3.6	3.6	3.6	3.6	3.2
117.5°	3.8	3.6	3.7	3.6	3.4
118°	3.8	3.7	3.9	3.7	3.5
118.5°	4.1	3.9	3.9	3.8	3.7
119°	4.1	4.1	4.2	3.9	3.9
119.5°	4.2	4.2	4.2	4.1	4.0
120°	4.4	4.4	4.3	4.2	4.3
120.5°	4.5	4.3	4.5	4.4	4.3
121°	4.5	4.5	4.5	4.5	4.3
121.5°	5.0	4.8	4.7	4.5	4.5
122°	4.7	5.0	4.8	4.7	4.8
122.5°	5.1	5.0	4.9	4.9	4.7
123°	5.2	5.2	5.0	5.0	4.9
123.5°	5.2	5.4	5.1	4.9	5.1
124°	5.3	5.4	5.3	5.1	5.1
124.5°	5.6	5.4	5.3	5.2	5.2
125°	5.8	5.6	5.5	5.4	5.4
125.5°	5.8	5.7	5.5	5.4	5.5
126°	5.8	5.6	5.5	5.5	5.4
126.5°	5.6	5.7	5.8	5.5	5.6
127°	5.8	5.8	5.6	5.5	5.4
127.5°	6.0	5.9	5.8	5.5	5.4
128°	6.0	5.7	5.7	5.5	5.6
128.5°	5.8	5.8	5.6	5.4	5.6
129°	5.7	5.7	5.6	5.5	5.4
129.5°	5.6	5.7	5.6	5.5	5.5
130°	5.6	5.7	5.5	5.3	5.4
130.5°	5.8	5.6	5.6	5.1	5.4
131°	5.5	5.5	5.5	5.2	5.3
131.5°	5.6	5.4	5.2	5.1	5.2
132°	5.5	5.3	5.3	5.1	5.1
132.5°	5.5	5.3	5.2	5.1	5.2
133°	5.3	5.1	5.1	4.8	5.0
133.5°	5.4	5.1	4.9	4.7	5.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	5.2	4.9	4.7	4.6	5.0
135.5°	4.9	5.0	4.7	4.5	4.8
136°	4.8	4.7	4.5	4.3	4.8
136.5°	4.9	4.7	4.5	4.3	4.7
137°	4.8	4.6	4.5	4.3	4.6
137.5°	4.7	4.5	4.4	4.1	4.4
138°	4.6	4.4	4.2	4.1	4.4
138.5°	4.7	4.4	4.3	4.0	4.3
139°	4.1	4.3	4.2	3.8	4.4
139.5°	4.4	4.1	4.0	3.9	4.3
140°	4.3	4.0	4.1	3.8	4.0
140.5°	4.3	4.0	4.0	3.8	4.0
141°	4.1	4.0	3.9	3.6	3.8
141.5°	3.8	4.0	4.0	3.6	3.8
142°	3.7	3.7	3.9	3.7	3.5
142.5°	3.7	3.9	3.8	3.6	3.5
143°	3.9	3.8	3.8	3.7	3.5
143.5°	3.9	3.8	3.8	3.5	3.5
144°	3.9	3.6	3.9	3.4	3.6
144.5°	3.7	3.6	3.7	3.5	3.6
145°	3.8	3.6	3.7	3.3	3.6
145.5°	3.7	3.5	3.6	3.3	3.8
146°	3.7	3.5	3.4	3.3	3.6
146.5°	3.8	3.5	3.4	3.3	3.6
147°	3.7	3.5	3.3	3.4	3.4
147.5°	3.6	3.5	3.3	3.4	3.7
148°	3.7	3.5	3.4	3.3	3.7
148.5°	3.8	3.6	3.4	3.3	3.7
149°	3.7	3.5	3.4	3.3	3.7
149.5°	3.9	3.4	3.4	3.3	3.8
150°	3.8	3.6	3.4	3.3	3.7
150.5°	3.7	3.5	3.4	3.4	3.7
151°	3.9	3.5	3.3	3.4	3.9
151.5°	3.8	3.6	3.3	3.4	3.9
152°	3.9	3.6	3.5	3.6	3.7
152.5°	3.9	3.7	3.4	3.5	3.9
153°	3.8	3.6	3.5	3.7	4.0
153.5°	4.1	3.7	3.4	3.6	3.9
154°	3.9	3.7	3.6	3.6	3.9
154.5°	3.9	3.6	3.6	3.8	4.0
155°	3.7	3.7	3.7	3.8	4.1
155.5°	3.9	3.6	3.6	3.7	4.0
156°	3.7	3.7	3.7	3.7	4.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	3.7	3.5	3.6	3.8	3.9
158°	4.0	3.7	3.6	3.7	4.0
158.5°	3.8	3.7	3.5	3.7	3.9
159°	3.9	3.7	3.6	3.7	4.1
159.5°	3.8	3.6	3.6	3.7	4.2
160°	3.8	3.7	3.5	3.7	4.0
160.5°	3.7	3.6	3.6	3.8	4.0
161°	3.7	3.6	3.6	3.8	4.0
161.5°	3.8	3.7	3.6	3.6	3.8
162°	3.7	3.6	3.7	3.8	3.8
162.5°	3.9	3.8	3.7	3.7	3.9
163°	3.9	3.7	3.8	3.8	3.8
163.5°	3.8	3.7	3.8	3.8	4.1
164°	3.7	3.8	3.7	4.0	4.0
164.5°	3.6	3.9	3.8	4.0	4.1
165°	3.7	3.7	3.6	3.9	4.0
165.5°	3.5	3.7	3.6	4.2	4.0
166°	3.8	3.8	3.7	4.0	3.9
166.5°	3.8	3.7	3.6	4.1	3.7
167°	3.7	4.0	3.7	4.2	4.1
167.5°	3.8	4.0	3.8	4.3	4.1
168°	3.9	3.9	3.7	4.2	4.0
168.5°	3.8	4.1	3.9	4.5	4.1
169°	4.1	4.0	3.7	4.5	4.1
169.5°	4.0	4.0	3.8	4.4	4.2
170°	4.1	4.0	3.9	4.5	4.1
170.5°	4.1	4.2	3.9	4.5	4.3
171°	4.1	4.1	4.1	4.5	4.4
171.5°	4.0	4.1	4.1	4.6	4.2
172°	4.0	4.1	4.2	4.6	4.3
172.5°	4.2	4.2	4.3	4.6	4.3
173°	4.0	4.0	4.3	4.6	4.4
173.5°	4.3	4.2	4.4	4.5	4.5
174°	4.4	4.4	4.7	4.6	4.4
174.5°	4.4	4.6	4.6	4.8	4.6
175°	4.7	4.6	4.7	4.8	4.5
175.5°	4.7	4.6	4.9	4.7	4.7
176°	4.9	4.8	4.7	4.6	4.6
176.5°	5.0	4.7	4.8	4.4	4.6
177°	4.8	4.7	4.5	4.4	4.6
177.5°	4.9	4.7	4.4	4.3	4.7
178°	4.6	4.5	4.3	4.3	4.4
178.5°	4.5	4.4	4.2	4.2	4.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-160-L830-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.9	3.9	3.9	3.9	3.9



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	4123.0	4118.0	4098.0	4078.9	4070.9
22°	4121.0	4116.0	4095.0	4075.9	4067.9



44°	3690.7	3675.6	3645.5	3627.5	3615.4
44.5°	3667.6	3651.6	3623.5	3604.4	3592.4



66.5°	1971.2	1963.2	1948.2	1943.1	1938.1
67°	1922.1	1913.1	1899.0	1894.0	1890.0



89°	29.3	28.8	28.5	30.0	30.4
89.5°	12.9	13.1	12.8	13.7	13.5



111.5°	2.5	2.2	2.3	2.3	2.2
112°	2.5	2.3	2.3	2.3	2.5



134°	5.1	5.0	4.9	4.8	5.1
134.5°	5.2	4.9	4.9	4.6	4.8



156.5°	3.9	3.6	3.7	3.8	3.9
157°	3.8	3.6	3.7	3.7	3.9



179°	4.3	4.2	4.0	4.1	4.3
179.5°	3.8	4.0	3.9	3.8	4.1



(END OF REPORT)