



IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 4792155668.08
[TESTLAB] UL, LLC
[ISSUE DATE] 3/24/2026
[TEST DATE] 3/23/2026
[MANUFAC] H E Williams Inc
[LUMCAT] CMR4AERNG-L52/835-CA-DIM-UNV (ALL ON)
[LUMINAIRE] 2' x 4' multi-function recessed troffer with door frame;
[MORE] door frame has arrangement of curved diffused acrylic lenses
[LAMP] White LEDs
[BALLAST] Eldoled OTI85/1290277/2A3 DIM-1 L*2743W5/57420
[OTHER] 24.4 C, 120.065 V, 1.21459 A, 145.363 W, 0.996799 PF, 59.9996 Hz
[OTHER] This test was performed using the calibrated photodetector method
[MORE] of absolute photometry.
[OTHER] The reported results were measured in a facility that meets the
[MORE] requirements of ANSI/IES LM-75-19. The device under test emits no
[MORE] detectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	14985
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	145.363
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.75 ft
Luminous Width (90-270)	1.75 ft
Luminous Height	0.00 ft

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8343	8336	8368
55	7671	7814	7979
65	6681	6999	7204
75	4920	5296	5341
85	2002	1831	1643

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0.0	5809.0	5809.0	5809.0	5809.0	5809.0	5809.0	5809.0	5809.0	5809.0	5809.0
0.5	5810.0	5805.0	5807.0	5801.0	5821.0	5810.0	5809.0	5810.0	5806.0	5799.0
1.0	5810.0	5804.0	5808.0	5801.0	5822.0	5809.0	5809.0	5810.0	5802.0	5795.0
1.5	5812.0	5806.0	5808.0	5800.0	5819.0	5807.0	5805.0	5807.0	5798.0	5791.0
2.0	5815.0	5806.0	5807.0	5800.0	5817.0	5804.0	5801.0	5800.0	5793.0	5788.0
2.5	5813.0	5806.0	5804.0	5798.0	5816.0	5801.0	5797.0	5796.0	5786.0	5781.0
3.0	5811.0	5804.0	5802.0	5796.0	5811.0	5798.0	5792.0	5794.0	5782.0	5775.0
3.5	5811.0	5801.0	5801.0	5789.0	5804.0	5791.0	5787.0	5787.0	5775.0	5769.0
4.0	5807.0	5799.0	5797.0	5785.0	5800.0	5786.0	5781.0	5783.0	5765.0	5761.0
4.5	5805.0	5798.0	5793.0	5781.0	5794.0	5779.0	5772.0	5776.0	5758.0	5753.0
5.0	5802.0	5791.0	5788.0	5776.0	5786.0	5773.0	5767.0	5768.0	5748.0	5744.0
5.5	5797.0	5788.0	5781.0	5768.0	5779.0	5764.0	5757.0	5759.0	5738.0	5734.0
6.0	5791.0	5782.0	5775.0	5761.0	5773.0	5756.0	5748.0	5750.0	5727.0	5725.0
6.5	5785.0	5776.0	5769.0	5753.0	5762.0	5747.0	5739.0	5739.0	5716.0	5715.0
7.0	5779.0	5768.0	5762.0	5744.0	5753.0	5738.0	5728.0	5732.0	5703.0	5701.0
7.5	5771.0	5761.0	5754.0	5736.0	5743.0	5727.0	5718.0	5718.0	5690.0	5688.0
8.0	5764.0	5754.0	5743.0	5725.0	5732.0	5715.0	5708.0	5708.0	5674.0	5676.0
8.5	5755.0	5745.0	5735.0	5713.0	5721.0	5703.0	5694.0	5695.0	5662.0	5663.0
9.0	5745.0	5732.0	5724.0	5703.0	5709.0	5691.0	5682.0	5683.0	5646.0	5648.0
9.5	5736.0	5725.0	5714.0	5691.0	5697.0	5679.0	5670.0	5667.0	5630.0	5631.0
10.0	5726.0	5715.0	5701.0	5678.0	5683.0	5664.0	5655.0	5651.0	5616.0	5618.0
10.5	5714.0	5702.0	5690.0	5665.0	5670.0	5651.0	5638.0	5636.0	5598.0	5601.0
11.0	5702.0	5690.0	5676.0	5654.0	5655.0	5637.0	5623.0	5619.0	5579.0	5582.0
11.5	5690.0	5678.0	5664.0	5639.0	5640.0	5621.0	5607.0	5605.0	5561.0	5564.0
12.0	5676.0	5663.0	5649.0	5625.0	5623.0	5604.0	5590.0	5587.0	5542.0	5547.0
12.5	5665.0	5649.0	5636.0	5607.0	5609.0	5587.0	5572.0	5568.0	5522.0	5527.0
13.0	5647.0	5633.0	5619.0	5592.0	5591.0	5567.0	5553.0	5551.0	5502.0	5508.0
13.5	5633.0	5616.0	5601.0	5575.0	5573.0	5551.0	5533.0	5533.0	5482.0	5490.0
14.0	5619.0	5605.0	5586.0	5558.0	5557.0	5533.0	5515.0	5512.0	5461.0	5465.0
14.5	5603.0	5585.0	5571.0	5536.0	5536.0	5516.0	5495.0	5492.0	5439.0	5444.0
15.0	5586.0	5566.0	5552.0	5521.0	5517.0	5496.0	5473.0	5470.0	5414.0	5420.0
15.5	5568.0	5548.0	5531.0	5500.0	5497.0	5475.0	5455.0	5447.0	5390.0	5399.0
16.0	5551.0	5530.0	5514.0	5480.0	5475.0	5454.0	5431.0	5426.0	5365.0	5376.0
16.5	5531.0	5510.0	5492.0	5459.0	5458.0	5431.0	5410.0	5403.0	5342.0	5351.0
17.0	5514.0	5490.0	5470.0	5440.0	5432.0	5412.0	5388.0	5379.0	5317.0	5326.0
17.5	5494.0	5471.0	5452.0	5416.0	5410.0	5387.0	5364.0	5357.0	5291.0	5301.0
18.0	5472.0	5449.0	5427.0	5395.0	5388.0	5363.0	5338.0	5330.0	5263.0	5276.0
18.5	5452.0	5425.0	5407.0	5371.0	5363.0	5339.0	5314.0	5306.0	5237.0	5249.0
19.0	5429.0	5401.0	5382.0	5348.0	5340.0	5315.0	5288.0	5280.0	5210.0	5223.0
19.5	5406.0	5379.0	5359.0	5323.0	5316.0	5289.0	5262.0	5252.0	5183.0	5197.0
20.0	5382.0	5356.0	5334.0	5296.0	5290.0	5266.0	5234.0	5223.0	5154.0	5167.0
20.5	5359.0	5332.0	5309.0	5273.0	5266.0	5238.0	5209.0	5199.0	5122.0	5136.0
21.0	5332.0	5306.0	5285.0	5248.0	5238.0	5214.0	5182.0	5173.0	5093.0	5108.0
21.5	5309.0	5281.0	5260.0	5220.0	5213.0	5186.0	5153.0	5141.0	5065.0	5082.0
22.0	5285.0	5256.0	5230.0	5193.0	5186.0	5155.0	5125.0	5112.0	5036.0	5050.0
22.5	5257.0	5227.0	5204.0	5166.0	5160.0	5130.0	5094.0	5084.0	5002.0	5019.0
23.0	5231.0	5204.0	5177.0	5140.0	5134.0	5102.0	5066.0	5053.0	4974.0	4991.0
23.5	5204.0	5175.0	5150.0	5111.0	5103.0	5073.0	5036.0	5024.0	4937.0	4956.0
24.0	5176.0	5143.0	5119.0	5084.0	5074.0	5044.0	5007.0	4992.0	4908.0	4926.0
24.5	5150.0	5117.0	5090.0	5056.0	5047.0	5016.0	4975.0	4962.0	4876.0	4896.0
25.0	5119.0	5088.0	5063.0	5026.0	5018.0	4984.0	4946.0	4933.0	4841.0	4862.0
25.5	5091.0	5059.0	5032.0	4997.0	4988.0	4955.0	4914.0	4898.0	4808.0	4828.0
26.0	5060.0	5032.0	5001.0	4970.0	4957.0	4926.0	4880.0	4867.0	4773.0	4793.0
26.5	5028.0	4999.0	4972.0	4936.0	4926.0	4896.0	4850.0	4835.0	4741.0	4763.0

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CANDELA TABULATION - (Cont.)

27.0	4997.0	4969.0	4939.0	4908.0	4896.0	4864.0	4817.0	4796.0	4709.0	4724.0
27.5	4967.0	4939.0	4907.0	4880.0	4862.0	4833.0	4783.0	4764.0	4678.0	4695.0
28.0	4931.0	4907.0	4877.0	4849.0	4833.0	4802.0	4750.0	4728.0	4638.0	4662.0
28.5	4900.0	4873.0	4845.0	4814.0	4800.0	4767.0	4713.0	4700.0	4599.0	4633.0
29.0	4865.0	4839.0	4811.0	4784.0	4761.0	4733.0	4686.0	4673.0	4574.0	4592.0
29.5	4833.0	4809.0	4782.0	4751.0	4736.0	4704.0	4649.0	4623.0	4519.0	4565.0
30.0	4800.0	4771.0	4748.0	4715.0	4707.0	4670.0	4610.0	4591.0	4502.0	4513.0
30.5	4762.0	4731.0	4716.0	4678.0	4669.0	4638.0	4565.0	4539.0	4469.0	4485.0
31.0	4732.0	4709.0	4679.0	4646.0	4640.0	4595.0	4533.0	4519.0	4419.0	4452.0
31.5	4694.0	4661.0	4643.0	4627.0	4597.0	4570.0	4497.0	4474.0	4388.0	4414.0
32.0	4659.0	4633.0	4609.0	4579.0	4568.0	4540.0	4464.0	4452.0	4352.0	4388.0
32.5	4624.0	4594.0	4578.0	4546.0	4526.0	4495.0	4437.0	4424.0	4295.0	4331.0
33.0	4577.0	4563.0	4541.0	4502.0	4508.0	4472.0	4412.0	4365.0	4273.0	4304.0
33.5	4551.0	4525.0	4516.0	4476.0	4458.0	4429.0	4359.0	4331.0	4231.0	4265.0
34.0	4517.0	4474.0	4458.0	4436.0	4422.0	4401.0	4321.0	4297.0	4205.0	4219.0
34.5	4484.0	4455.0	4433.0	4399.0	4396.0	4359.0	4286.0	4259.0	4161.0	4177.0
35.0	4417.0	4410.0	4389.0	4374.0	4365.0	4328.0	4244.0	4225.0	4124.0	4143.0
35.5	4389.0	4377.0	4354.0	4330.0	4311.0	4280.0	4208.0	4190.0	4085.0	4105.0
36.0	4340.0	4335.0	4321.0	4307.0	4295.0	4231.0	4174.0	4142.0	4046.0	4068.0
36.5	4307.0	4290.0	4283.0	4265.0	4257.0	4212.0	4132.0	4107.0	4006.0	4034.0
37.0	4294.0	4255.0	4244.0	4225.0	4212.0	4174.0	4097.0	4070.0	3968.0	3992.0
37.5	4243.0	4212.0	4199.0	4195.0	4183.0	4142.0	4056.0	4030.0	3930.0	3951.0
38.0	4193.0	4176.0	4158.0	4152.0	4149.0	4102.0	4019.0	3991.0	3891.0	3915.0
38.5	4160.0	4133.0	4122.0	4118.0	4106.0	4061.0	3980.0	3951.0	3849.0	3874.0
39.0	4115.0	4092.0	4083.0	4080.0	4068.0	4026.0	3941.0	3912.0	3808.0	3838.0
39.5	4075.0	4050.0	4040.0	4041.0	4033.0	3991.0	3902.0	3870.0	3770.0	3795.0
40.0	4031.0	4011.0	4003.0	4006.0	3996.0	3955.0	3863.0	3831.0	3729.0	3759.0
40.5	3989.0	3969.0	3963.0	3969.0	3956.0	3918.0	3825.0	3790.0	3688.0	3719.0
41.0	3946.0	3928.0	3924.0	3929.0	3919.0	3879.0	3786.0	3751.0	3646.0	3679.0
41.5	3903.0	3887.0	3883.0	3891.0	3880.0	3842.0	3744.0	3712.0	3605.0	3638.0
42.0	3863.0	3846.0	3841.0	3855.0	3842.0	3802.0	3703.0	3670.0	3565.0	3598.0
42.5	3821.0	3804.0	3803.0	3815.0	3806.0	3761.0	3664.0	3630.0	3524.0	3556.0
43.0	3776.0	3759.0	3766.0	3775.0	3766.0	3726.0	3625.0	3590.0	3481.0	3519.0
43.5	3732.0	3718.0	3721.0	3734.0	3727.0	3685.0	3587.0	3548.0	3443.0	3476.0
44.0	3686.0	3675.0	3680.0	3696.0	3688.0	3646.0	3545.0	3508.0	3400.0	3438.0
44.5	3645.0	3632.0	3638.0	3657.0	3650.0	3604.0	3505.0	3467.0	3357.0	3394.0
45.0	3600.0	3588.0	3597.0	3618.0	3611.0	3565.0	3465.0	3427.0	3315.0	3354.0
45.5	3557.0	3545.0	3553.0	3578.0	3572.0	3526.0	3424.0	3384.0	3273.0	3310.0
46.0	3514.0	3501.0	3513.0	3539.0	3533.0	3485.0	3385.0	3343.0	3230.0	3269.0
46.5	3470.0	3455.0	3470.0	3496.0	3494.0	3446.0	3344.0	3301.0	3189.0	3229.0
47.0	3425.0	3411.0	3431.0	3458.0	3454.0	3406.0	3304.0	3261.0	3147.0	3186.0
47.5	3379.0	3367.0	3389.0	3415.0	3415.0	3364.0	3263.0	3220.0	3103.0	3143.0
48.0	3336.0	3323.0	3343.0	3375.0	3377.0	3324.0	3222.0	3175.0	3061.0	3100.0
48.5	3292.0	3278.0	3300.0	3337.0	3335.0	3282.0	3181.0	3134.0	3016.0	3060.0
49.0	3244.0	3232.0	3257.0	3293.0	3295.0	3240.0	3140.0	3091.0	2973.0	3016.0
49.5	3199.0	3190.0	3215.0	3253.0	3255.0	3197.0	3099.0	3049.0	2930.0	2975.0
50.0	3153.0	3142.0	3172.0	3210.0	3213.0	3157.0	3056.0	3007.0	2888.0	2935.0
50.5	3106.0	3099.0	3131.0	3167.0	3173.0	3118.0	3014.0	2963.0	2846.0	2891.0
51.0	3062.0	3054.0	3086.0	3127.0	3134.0	3077.0	2975.0	2922.0	2800.0	2848.0
51.5	3014.0	3008.0	3042.0	3085.0	3092.0	3033.0	2931.0	2877.0	2756.0	2804.0
52.0	2967.0	2964.0	2996.0	3042.0	3048.0	2992.0	2889.0	2833.0	2714.0	2761.0
52.5	2923.0	2918.0	2954.0	2999.0	3009.0	2949.0	2845.0	2790.0	2670.0	2719.0
53.0	2875.0	2871.0	2910.0	2955.0	2966.0	2904.0	2806.0	2748.0	2624.0	2679.0
53.5	2827.0	2827.0	2869.0	2912.0	2923.0	2865.0	2764.0	2703.0	2580.0	2636.0
54.0	2782.0	2778.0	2823.0	2870.0	2881.0	2820.0	2720.0	2658.0	2535.0	2593.0
54.5	2733.0	2733.0	2778.0	2825.0	2837.0	2778.0	2676.0	2615.0	2491.0	2550.0

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CANDELA TABULATION - (Cont.)

55.0	2685.0	2688.0	2735.0	2779.0	2793.0	2733.0	2634.0	2572.0	2445.0	2505.0
55.5	2638.0	2642.0	2690.0	2736.0	2748.0	2690.0	2592.0	2531.0	2402.0	2462.0
56.0	2592.0	2596.0	2642.0	2694.0	2702.0	2646.0	2549.0	2484.0	2357.0	2419.0
56.5	2545.0	2551.0	2599.0	2650.0	2660.0	2603.0	2506.0	2440.0	2313.0	2376.0
57.0	2499.0	2501.0	2554.0	2603.0	2616.0	2558.0	2462.0	2396.0	2267.0	2329.0
57.5	2453.0	2455.0	2509.0	2557.0	2571.0	2513.0	2420.0	2350.0	2222.0	2287.0
58.0	2407.0	2407.0	2463.0	2512.0	2526.0	2467.0	2376.0	2308.0	2175.0	2242.0
58.5	2358.0	2362.0	2417.0	2467.0	2482.0	2424.0	2331.0	2261.0	2130.0	2197.0
59.0	2312.0	2316.0	2371.0	2422.0	2435.0	2379.0	2290.0	2219.0	2085.0	2153.0
59.5	2262.0	2265.0	2323.0	2376.0	2390.0	2332.0	2244.0	2174.0	2043.0	2112.0
60.0	2216.0	2221.0	2280.0	2328.0	2342.0	2289.0	2202.0	2130.0	1997.0	2065.0
60.5	2166.0	2171.0	2234.0	2280.0	2296.0	2243.0	2158.0	2085.0	1950.0	2020.0
61.0	2117.0	2125.0	2188.0	2232.0	2251.0	2198.0	2112.0	2040.0	1905.0	1977.0
61.5	2071.0	2076.0	2140.0	2186.0	2204.0	2151.0	2066.0	1994.0	1860.0	1930.0
62.0	2021.0	2028.0	2093.0	2136.0	2157.0	2104.0	2022.0	1950.0	1815.0	1884.0
62.5	1971.0	1981.0	2045.0	2089.0	2105.0	2057.0	1977.0	1904.0	1769.0	1840.0
63.0	1922.0	1934.0	1997.0	2040.0	2057.0	2008.0	1933.0	1861.0	1723.0	1797.0
63.5	1871.0	1881.0	1951.0	1991.0	2009.0	1961.0	1888.0	1813.0	1674.0	1753.0
64.0	1821.0	1834.0	1900.0	1942.0	1960.0	1915.0	1842.0	1770.0	1631.0	1708.0
64.5	1773.0	1785.0	1854.0	1890.0	1908.0	1865.0	1797.0	1722.0	1586.0	1663.0
65.0	1723.0	1738.0	1805.0	1843.0	1858.0	1818.0	1753.0	1679.0	1539.0	1618.0
65.5	1673.0	1689.0	1755.0	1793.0	1806.0	1771.0	1708.0	1633.0	1493.0	1573.0
66.0	1624.0	1641.0	1706.0	1740.0	1755.0	1721.0	1663.0	1590.0	1446.0	1529.0
66.5	1574.0	1593.0	1657.0	1692.0	1704.0	1672.0	1617.0	1543.0	1401.0	1483.0
67.0	1524.0	1544.0	1611.0	1640.0	1655.0	1622.0	1571.0	1498.0	1356.0	1440.0
67.5	1475.0	1494.0	1565.0	1587.0	1604.0	1575.0	1525.0	1452.0	1310.0	1396.0
68.0	1424.0	1447.0	1515.0	1536.0	1553.0	1524.0	1478.0	1407.0	1264.0	1348.0
68.5	1378.0	1400.0	1463.0	1484.0	1500.0	1478.0	1433.0	1362.0	1225.0	1304.0
69.0	1328.0	1355.0	1416.0	1436.0	1447.0	1426.0	1386.0	1320.0	1181.0	1259.0
69.5	1279.0	1307.0	1364.0	1385.0	1397.0	1376.0	1340.0	1275.0	1137.0	1220.0
70.0	1238.0	1258.0	1317.0	1331.0	1345.0	1327.0	1293.0	1236.0	1092.0	1176.0
70.5	1189.0	1216.0	1269.0	1281.0	1294.0	1278.0	1250.0	1191.0	1047.0	1131.0
71.0	1141.0	1169.0	1225.0	1234.0	1248.0	1232.0	1205.0	1146.0	1003.0	1088.0
71.5	1094.0	1122.0	1175.0	1184.0	1198.0	1184.0	1157.0	1104.0	960.6	1044.0
72.0	1048.0	1076.0	1126.0	1133.0	1146.0	1134.0	1112.0	1060.0	918.0	1000.0
72.5	1001.0	1031.0	1076.0	1084.0	1093.0	1085.0	1066.0	1017.0	875.8	958.3
73.0	955.3	984.9	1027.0	1033.0	1042.0	1037.0	1021.0	973.3	833.7	915.7
73.5	909.8	939.5	979.2	981.5	991.2	988.6	974.7	929.9	791.7	873.8
74.0	865.6	894.3	931.3	931.4	941.7	940.8	928.1	887.4	751.0	831.8
74.5	821.0	849.1	884.2	882.3	892.2	893.4	881.4	844.9	710.5	790.7
75.0	777.1	805.6	836.5	834.2	843.5	846.0	836.0	803.3	670.9	750.1
75.5	733.7	762.7	788.8	786.4	796.0	798.6	792.1	762.2	632.2	710.3
76.0	691.4	720.1	742.4	738.3	746.8	754.8	749.0	720.9	593.8	671.0
76.5	650.1	677.6	696.6	690.0	694.5	712.9	705.3	680.4	555.9	631.9
77.0	609.0	635.4	652.4	642.8	646.0	665.8	661.8	640.2	518.7	593.2
77.5	569.3	594.6	609.0	596.5	600.1	617.0	618.6	600.0	481.8	555.2
78.0	529.7	554.3	565.5	551.2	554.3	570.3	576.1	562.6	446.6	517.6
78.5	491.3	515.1	522.3	507.2	508.7	527.7	535.6	525.2	412.5	481.1
79.0	453.3	477.3	481.1	464.6	463.0	484.4	497.5	488.5	379.8	445.2
79.5	416.2	440.1	440.2	422.1	419.5	441.9	461.2	452.5	348.1	411.2
80.0	381.3	403.4	401.8	380.0	378.1	401.5	420.3	417.1	317.1	377.0
80.5	347.4	367.5	364.8	339.9	339.3	361.9	381.5	382.3	286.8	344.6
81.0	314.5	332.7	329.0	302.2	301.4	324.1	344.8	349.1	257.8	312.4
81.5	283.1	299.5	293.9	266.5	264.9	288.2	310.5	317.0	231.3	281.8
82.0	252.9	268.0	260.5	232.8	229.1	254.0	277.4	286.6	205.7	253.2
82.5	224.4	236.9	228.6	199.7	195.4	220.3	246.2	257.0	181.5	226.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

83.0	197.9	208.1	198.2	169.1	165.6	189.2	216.1	228.6	158.5	199.4
83.5	172.6	180.7	171.1	141.6	140.9	160.2	187.9	201.5	136.2	174.8
84.0	149.4	155.3	145.4	119.0	120.5	135.0	160.9	176.1	115.8	151.1
84.5	127.3	131.5	120.1	100.9	103.7	114.1	135.5	152.4	96.6	128.9
85.0	106.5	109.7	97.4	84.9	87.4	96.6	112.1	129.6	79.3	108.0
85.5	87.8	89.8	78.4	70.9	73.5	81.2	91.8	108.9	64.2	89.5
86.0	71.5	72.5	63.3	58.1	60.6	67.6	74.3	90.0	50.8	72.9
86.5	56.7	57.2	50.5	46.9	49.9	55.8	60.0	72.9	39.0	58.2
87.0	43.1	43.4	39.7	37.0	40.0	45.1	47.8	58.2	29.0	45.1
87.5	31.0	31.9	30.9	27.8	30.5	35.8	37.9	45.1	20.9	34.0
88.0	21.5	23.0	22.8	19.5	22.7	26.7	29.6	34.0	14.5	25.1
88.5	14.2	16.3	15.1	11.4	13.2	18.3	22.3	25.4	9.7	18.6
89.0	9.2	10.7	8.3	7.4	8.2	9.7	14.7	18.9	6.1	13.0
89.5	5.8	5.7	5.4	5.5	6.0	6.2	7.4	13.6	3.8	6.7
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Vert. Horizontal Angles
 Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0.0	5809.0	5809.0	5809.0	5809.0	5809.0	5809.0	5809.0
0.5	5803.0	5801.0	5821.0	5812.0	5812.0	5813.0	5810.0
1.0	5801.0	5796.0	5820.0	5813.0	5811.0	5812.0	5810.0
1.5	5798.0	5796.0	5817.0	5811.0	5810.0	5814.0	5812.0
2.0	5795.0	5791.0	5815.0	5808.0	5809.0	5810.0	5815.0
2.5	5789.0	5787.0	5811.0	5806.0	5808.0	5807.0	5813.0
3.0	5785.0	5781.0	5807.0	5804.0	5804.0	5806.0	5811.0
3.5	5778.0	5776.0	5803.0	5800.0	5800.0	5803.0	5811.0
4.0	5772.0	5772.0	5795.0	5796.0	5798.0	5801.0	5807.0
4.5	5762.0	5763.0	5792.0	5789.0	5791.0	5795.0	5805.0
5.0	5754.0	5757.0	5785.0	5784.0	5786.0	5792.0	5802.0
5.5	5745.0	5750.0	5776.0	5776.0	5781.0	5784.0	5797.0
6.0	5736.0	5738.0	5768.0	5769.0	5773.0	5777.0	5791.0
6.5	5726.0	5729.0	5760.0	5761.0	5765.0	5771.0	5785.0
7.0	5714.0	5720.0	5748.0	5753.0	5759.0	5763.0	5779.0
7.5	5702.0	5709.0	5738.0	5744.0	5748.0	5754.0	5771.0
8.0	5692.0	5698.0	5728.0	5735.0	5738.0	5744.0	5764.0
8.5	5678.0	5684.0	5715.0	5726.0	5727.0	5736.0	5755.0
9.0	5665.0	5672.0	5705.0	5711.0	5718.0	5724.0	5745.0
9.5	5651.0	5658.0	5692.0	5698.0	5706.0	5714.0	5736.0
10.0	5635.0	5643.0	5680.0	5686.0	5694.0	5701.0	5726.0
10.5	5619.0	5629.0	5664.0	5674.0	5680.0	5689.0	5714.0
11.0	5601.0	5613.0	5648.0	5661.0	5666.0	5675.0	5702.0
11.5	5586.0	5598.0	5633.0	5645.0	5651.0	5662.0	5690.0
12.0	5568.0	5582.0	5617.0	5631.0	5635.0	5647.0	5676.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

12.5	5549.0	5562.0	5598.0	5612.0	5619.0	5631.0	5665.0
13.0	5531.0	5545.0	5582.0	5600.0	5605.0	5614.0	5647.0
13.5	5511.0	5528.0	5563.0	5578.0	5586.0	5597.0	5633.0
14.0	5490.0	5509.0	5545.0	5561.0	5571.0	5581.0	5619.0
14.5	5470.0	5487.0	5529.0	5545.0	5552.0	5562.0	5603.0
15.0	5448.0	5469.0	5508.0	5524.0	5535.0	5542.0	5586.0
15.5	5424.0	5449.0	5488.0	5504.0	5513.0	5523.0	5568.0
16.0	5404.0	5425.0	5468.0	5485.0	5496.0	5503.0	5551.0
16.5	5383.0	5406.0	5446.0	5465.0	5471.0	5484.0	5531.0
17.0	5357.0	5384.0	5423.0	5442.0	5454.0	5461.0	5514.0
17.5	5332.0	5359.0	5399.0	5421.0	5434.0	5444.0	5494.0
18.0	5307.0	5336.0	5380.0	5399.0	5409.0	5419.0	5472.0
18.5	5283.0	5311.0	5354.0	5378.0	5385.0	5394.0	5452.0
19.0	5259.0	5286.0	5332.0	5355.0	5364.0	5373.0	5429.0
19.5	5231.0	5263.0	5308.0	5331.0	5339.0	5348.0	5406.0
20.0	5206.0	5236.0	5282.0	5305.0	5313.0	5324.0	5382.0
20.5	5179.0	5211.0	5259.0	5281.0	5288.0	5299.0	5359.0
21.0	5151.0	5184.0	5233.0	5257.0	5264.0	5273.0	5332.0
21.5	5123.0	5160.0	5205.0	5233.0	5238.0	5248.0	5309.0
22.0	5095.0	5131.0	5180.0	5208.0	5212.0	5219.0	5285.0
22.5	5066.0	5105.0	5153.0	5181.0	5182.0	5192.0	5257.0
23.0	5034.0	5075.0	5124.0	5152.0	5157.0	5162.0	5231.0
23.5	5005.0	5048.0	5098.0	5124.0	5132.0	5135.0	5204.0
24.0	4972.0	5020.0	5072.0	5097.0	5105.0	5105.0	5176.0
24.5	4943.0	4991.0	5043.0	5072.0	5072.0	5077.0	5150.0
25.0	4909.0	4964.0	5014.0	5042.0	5044.0	5048.0	5119.0
25.5	4879.0	4933.0	4987.0	5011.0	5015.0	5016.0	5091.0
26.0	4849.0	4903.0	4956.0	4981.0	4983.0	4987.0	5060.0
26.5	4812.0	4874.0	4926.0	4951.0	4954.0	4953.0	5028.0
27.0	4780.0	4843.0	4898.0	4922.0	4922.0	4922.0	4997.0
27.5	4750.0	4811.0	4865.0	4893.0	4887.0	4889.0	4967.0
28.0	4708.0	4781.0	4836.0	4864.0	4859.0	4852.0	4931.0
28.5	4688.0	4747.0	4804.0	4834.0	4823.0	4824.0	4900.0
29.0	4648.0	4718.0	4773.0	4802.0	4796.0	4792.0	4865.0
29.5	4633.0	4677.0	4743.0	4764.0	4760.0	4755.0	4833.0
30.0	4574.0	4644.0	4716.0	4736.0	4724.0	4722.0	4800.0
30.5	4557.0	4607.0	4680.0	4700.0	4692.0	4679.0	4762.0
31.0	4496.0	4576.0	4638.0	4678.0	4664.0	4652.0	4732.0
31.5	4466.0	4562.0	4604.0	4639.0	4626.0	4606.0	4694.0
32.0	4434.0	4510.0	4567.0	4604.0	4590.0	4574.0	4659.0
32.5	4392.0	4484.0	4544.0	4575.0	4548.0	4551.0	4624.0
33.0	4365.0	4464.0	4502.0	4538.0	4517.0	4498.0	4577.0
33.5	4329.0	4420.0	4487.0	4510.0	4480.0	4455.0	4551.0
34.0	4295.0	4395.0	4435.0	4470.0	4441.0	4421.0	4517.0
34.5	4251.0	4352.0	4417.0	4441.0	4419.0	4396.0	4484.0
35.0	4215.0	4307.0	4369.0	4412.0	4377.0	4358.0	4417.0
35.5	4182.0	4275.0	4335.0	4378.0	4344.0	4314.0	4389.0
36.0	4142.0	4247.0	4307.0	4322.0	4301.0	4278.0	4340.0
36.5	4105.0	4208.0	4267.0	4294.0	4274.0	4242.0	4307.0
37.0	4069.0	4170.0	4245.0	4262.0	4226.0	4207.0	4294.0
37.5	4028.0	4136.0	4199.0	4224.0	4190.0	4160.0	4243.0
38.0	3990.0	4098.0	4167.0	4184.0	4154.0	4122.0	4193.0
38.5	3949.0	4062.0	4132.0	4150.0	4117.0	4082.0	4160.0
39.0	3913.0	4024.0	4092.0	4112.0	4078.0	4040.0	4115.0
39.5	3876.0	3988.0	4056.0	4081.0	4037.0	4001.0	4075.0
40.0	3835.0	3951.0	4018.0	4041.0	4000.0	3962.0	4031.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

40.5	3798.0	3914.0	3983.0	4006.0	3959.0	3919.0	3989.0
41.0	3758.0	3876.0	3945.0	3967.0	3916.0	3877.0	3946.0
41.5	3718.0	3840.0	3910.0	3927.0	3879.0	3836.0	3903.0
42.0	3680.0	3799.0	3871.0	3893.0	3838.0	3793.0	3863.0
42.5	3642.0	3763.0	3836.0	3855.0	3798.0	3752.0	3821.0
43.0	3603.0	3726.0	3794.0	3817.0	3759.0	3709.0	3776.0
43.5	3563.0	3686.0	3755.0	3779.0	3719.0	3666.0	3732.0
44.0	3525.0	3649.0	3719.0	3740.0	3678.0	3622.0	3686.0
44.5	3485.0	3610.0	3682.0	3701.0	3637.0	3579.0	3645.0
45.0	3444.0	3571.0	3640.0	3662.0	3597.0	3536.0	3600.0
45.5	3405.0	3533.0	3602.0	3624.0	3554.0	3491.0	3557.0
46.0	3364.0	3494.0	3563.0	3584.0	3514.0	3450.0	3514.0
46.5	3327.0	3453.0	3523.0	3544.0	3474.0	3407.0	3470.0
47.0	3286.0	3415.0	3485.0	3505.0	3430.0	3360.0	3425.0
47.5	3246.0	3375.0	3445.0	3464.0	3389.0	3317.0	3379.0
48.0	3205.0	3335.0	3405.0	3423.0	3348.0	3272.0	3336.0
48.5	3163.0	3295.0	3365.0	3381.0	3304.0	3231.0	3292.0
49.0	3121.0	3253.0	3325.0	3341.0	3264.0	3184.0	3244.0
49.5	3082.0	3213.0	3287.0	3302.0	3219.0	3139.0	3199.0
50.0	3040.0	3172.0	3245.0	3259.0	3176.0	3094.0	3153.0
50.5	2999.0	3131.0	3207.0	3218.0	3132.0	3047.0	3106.0
51.0	2957.0	3088.0	3165.0	3174.0	3089.0	3001.0	3062.0
51.5	2915.0	3046.0	3124.0	3131.0	3047.0	2956.0	3014.0
52.0	2875.0	3004.0	3083.0	3089.0	3003.0	2911.0	2967.0
52.5	2833.0	2963.0	3042.0	3046.0	2959.0	2867.0	2923.0
53.0	2794.0	2921.0	3000.0	3004.0	2917.0	2820.0	2875.0
53.5	2751.0	2878.0	2958.0	2962.0	2871.0	2774.0	2827.0
54.0	2710.0	2835.0	2914.0	2916.0	2826.0	2730.0	2782.0
54.5	2666.0	2794.0	2872.0	2874.0	2781.0	2680.0	2733.0
55.0	2624.0	2749.0	2830.0	2828.0	2737.0	2635.0	2685.0
55.5	2584.0	2703.0	2786.0	2787.0	2692.0	2588.0	2638.0
56.0	2542.0	2664.0	2741.0	2744.0	2648.0	2542.0	2592.0
56.5	2499.0	2621.0	2699.0	2700.0	2603.0	2496.0	2545.0
57.0	2456.0	2575.0	2654.0	2653.0	2558.0	2446.0	2499.0
57.5	2411.0	2532.0	2611.0	2608.0	2510.0	2401.0	2453.0
58.0	2370.0	2485.0	2566.0	2563.0	2466.0	2351.0	2407.0
58.5	2326.0	2441.0	2520.0	2518.0	2421.0	2307.0	2358.0
59.0	2285.0	2396.0	2477.0	2471.0	2373.0	2259.0	2312.0
59.5	2241.0	2355.0	2431.0	2425.0	2328.0	2210.0	2262.0
60.0	2197.0	2307.0	2384.0	2380.0	2280.0	2162.0	2216.0
60.5	2152.0	2259.0	2336.0	2330.0	2235.0	2113.0	2166.0
61.0	2106.0	2213.0	2290.0	2280.0	2187.0	2069.0	2117.0
61.5	2061.0	2167.0	2242.0	2232.0	2142.0	2019.0	2071.0
62.0	2018.0	2118.0	2195.0	2185.0	2094.0	1969.0	2021.0
62.5	1973.0	2072.0	2147.0	2138.0	2050.0	1925.0	1971.0
63.0	1929.0	2028.0	2100.0	2091.0	2000.0	1875.0	1922.0
63.5	1884.0	1978.0	2048.0	2042.0	1951.0	1828.0	1871.0
64.0	1839.0	1930.0	1996.0	1990.0	1906.0	1780.0	1821.0
64.5	1794.0	1885.0	1947.0	1938.0	1853.0	1730.0	1773.0
65.0	1747.0	1836.0	1899.0	1889.0	1807.0	1684.0	1723.0
65.5	1703.0	1787.0	1848.0	1842.0	1762.0	1638.0	1673.0
66.0	1659.0	1739.0	1798.0	1794.0	1712.0	1587.0	1624.0
66.5	1610.0	1692.0	1746.0	1740.0	1659.0	1539.0	1574.0
67.0	1567.0	1644.0	1696.0	1691.0	1610.0	1487.0	1524.0
67.5	1520.0	1596.0	1642.0	1637.0	1562.0	1441.0	1475.0
68.0	1473.0	1547.0	1590.0	1589.0	1513.0	1395.0	1424.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

68.5	1428.0	1496.0	1540.0	1537.0	1463.0	1344.0	1378.0
69.0	1381.0	1448.0	1488.0	1485.0	1414.0	1299.0	1328.0
69.5	1336.0	1400.0	1442.0	1436.0	1366.0	1250.0	1279.0
70.0	1289.0	1350.0	1386.0	1382.0	1314.0	1208.0	1238.0
70.5	1245.0	1304.0	1334.0	1331.0	1267.0	1161.0	1189.0
71.0	1201.0	1254.0	1283.0	1278.0	1219.0	1114.0	1141.0
71.5	1154.0	1208.0	1237.0	1229.0	1171.0	1068.0	1094.0
72.0	1108.0	1159.0	1189.0	1181.0	1123.0	1023.0	1048.0
72.5	1062.0	1110.0	1141.0	1131.0	1074.0	977.2	1001.0
73.0	1016.0	1061.0	1091.0	1081.0	1024.0	932.0	955.3
73.5	970.3	1013.0	1041.0	1029.0	974.5	887.0	909.8
74.0	924.7	963.7	991.0	979.1	926.2	843.0	865.6
74.5	879.2	915.5	941.1	928.3	878.4	800.1	821.0
75.0	834.7	868.1	891.3	879.9	831.5	757.4	777.1
75.5	790.8	821.2	842.2	831.8	785.0	715.0	733.7
76.0	746.9	774.8	792.8	783.8	738.5	672.6	691.4
76.5	704.0	728.6	744.2	736.1	692.6	630.7	650.1
77.0	661.7	683.0	696.4	688.2	647.0	589.7	609.0
77.5	620.1	637.6	649.2	641.1	602.9	549.7	569.3
78.0	579.2	592.6	602.8	595.2	560.5	510.9	529.7
78.5	539.3	549.4	556.6	551.1	518.5	472.3	491.3
79.0	500.1	507.0	510.8	507.7	477.4	434.5	453.3
79.5	461.7	465.8	466.4	464.6	437.5	398.1	416.2
80.0	424.5	424.8	423.4	422.6	397.3	362.3	381.3
80.5	387.2	384.6	381.0	380.8	359.8	328.0	347.4
81.0	351.0	345.6	340.5	339.7	323.4	295.0	314.5
81.5	316.5	308.2	300.7	301.3	289.1	263.2	283.1
82.0	283.4	273.3	263.0	263.8	256.3	233.0	252.9
82.5	252.1	238.1	227.6	229.0	224.8	204.5	224.4
83.0	221.6	205.8	194.9	196.6	193.8	177.4	197.9
83.5	192.6	175.5	165.8	165.8	164.6	151.9	172.6
84.0	165.6	147.9	140.7	139.2	138.0	128.7	149.4
84.5	139.5	124.4	120.5	117.7	113.5	107.6	127.3
85.0	115.5	105.5	102.8	99.3	92.1	88.1	106.5
85.5	94.4	89.0	86.1	83.1	75.3	70.5	87.8
86.0	76.4	73.9	72.1	69.4	60.6	54.9	71.5
86.5	62.0	61.3	60.0	56.9	47.8	41.3	56.7
87.0	49.1	50.0	49.4	46.6	37.5	30.8	43.1
87.5	38.8	40.5	40.0	37.3	29.1	22.6	31.0
88.0	30.5	31.2	30.5	28.0	21.4	16.3	21.5
88.5	23.0	21.4	20.2	18.3	13.1	10.7	14.2
89.0	14.3	12.2	11.9	10.8	7.5	5.6	9.2
89.5	7.4	7.2	7.9	7.4	5.1	3.8	5.8
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

96.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

124.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

CANDELA TABULATION - (Cont.)

152.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2098.77	N.A.	14.00
0-30	4398.25	N.A.	29.40
0-40	7097.57	N.A.	47.40
0-60	12224.93	N.A.	81.60
0-80	14836.98	N.A.	99.00
0-90	14984.64	N.A.	100.00
10-90	14436.7	N.A.	96.30
20-40	4998.8	N.A.	33.40
20-50	7726.64	N.A.	51.60
40-70	6870.79	N.A.	45.90
60-80	2612.04	N.A.	17.40
70-80	868.62	N.A.	5.80
80-90	147.66	N.A.	1.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	14984.64	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	547.94
10-20	1550.83
20-30	2299.47
30-40	2699.33
40-50	2727.83
50-60	2399.53
60-70	1743.43
70-80	868.62
80-90	147.66
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

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	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	60
4	84	72	63	57	81	70	62	56	68	61	56	66	60	55	64	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	37	32	27	26

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AERNG-L52-835-CA-DIM-UNV (ALL ON).IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	19.1	20.7	19.5	21.0	21.3	19.4	21.0	19.8	21.3	21.6
	3H	20.6	22.1	21.0	22.4	22.8	21.0	22.5	21.4	22.8	23.2
	4H	21.1	22.5	21.5	22.8	23.2	21.6	22.9	22.0	23.3	23.7
	6H	21.4	22.7	21.8	23.0	23.4	21.8	23.1	22.2	23.4	23.8
	8H	21.4	22.7	21.9	23.0	23.4	21.8	23.0	22.3	23.4	23.8
	12H	21.5	22.6	21.9	23.0	23.4	21.8	23.0	22.3	23.4	23.8

UGR Viewed Endwise

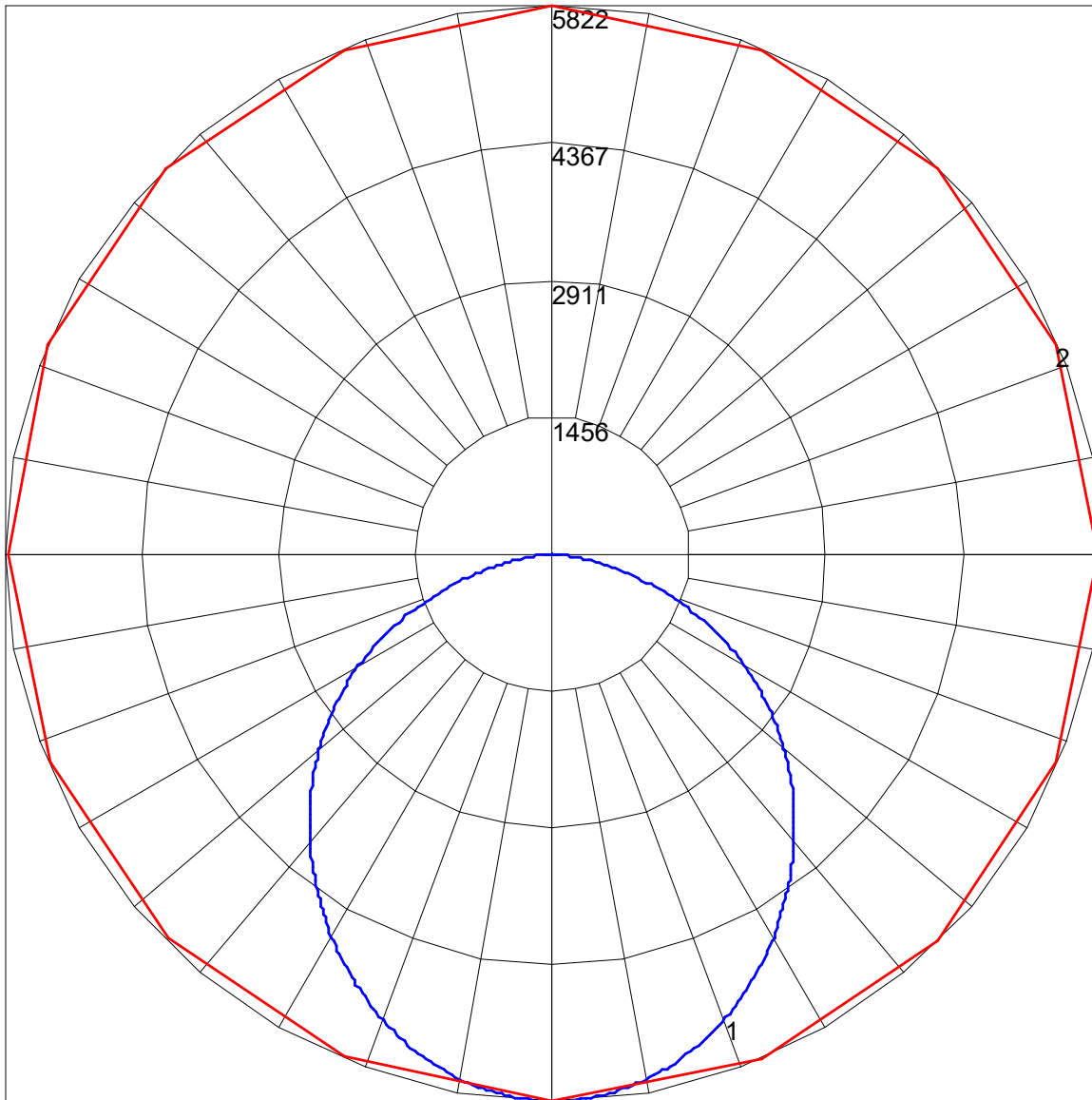
4H	2H	19.7	21.1	20.1	21.4	21.8	20.0	21.3	20.4	21.7	22.0
	3H	21.5	22.6	21.9	23.0	23.4	21.8	23.0	22.2	23.3	23.7
	4H	22.1	23.1	22.5	23.5	23.9	22.4	23.4	22.9	23.9	24.3
	6H	22.4	23.3	22.9	23.7	24.2	22.8	23.7	23.2	24.1	24.6
	8H	22.5	23.3	22.9	23.8	24.2	22.8	23.6	23.3	24.1	24.6
	12H	22.5	23.2	23.0	23.7	24.2	22.8	23.6	23.3	24.0	24.5

8H	4H	22.3	23.1	22.8	23.6	24.0	22.6	23.5	23.1	23.9	24.4
	6H	22.7	23.4	23.2	23.9	24.4	23.1	23.7	23.5	24.2	24.7
	8H	22.8	23.4	23.3	23.9	24.4	23.1	23.7	23.6	24.2	24.7
	12H	22.9	23.4	23.4	23.9	24.5	23.1	23.7	23.7	24.2	24.7

12H	4H	22.3	23.1	22.8	23.5	24.0	22.6	23.4	23.1	23.9	24.3
	6H	22.7	23.4	23.3	23.8	24.4	23.1	23.7	23.6	24.1	24.7
	8H	22.9	23.4	23.4	23.9	24.5	23.2	23.7	23.7	24.2	24.8

Maximum UGR = 24.8

POLAR GRAPH



Maximum Candela = 5822 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)