



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #4792155668.03

[TESTLAB] UL, LLC

[ISSUE DATE] 7/6/2026

[TEST DATE] 3/17/2026

[MANUFAC] H E Williams Inc

[LUMCAT] CMR4AERNG-L26/835-CA-DIM-UNV (AMBIENT ONLY)

[LUMINAIRE] 2' x 4' multi-function recessed troffer with door frame; door

[MORE] frame has arrangement of curved diffused acrylic lenses

[LAMP] (2) 72 LED boards & (2) 60 LED boards - 264 Total LED

[BALLAST] Edoled OTI85/1290277/2A3 DIM-1 L*2743W5/57420

[OTHER] 24.9 C, 120.046 V, 0.507001 A, 60.5322 W, 0.994561 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	2617
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
Total Luminaire Watts	19.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.38
Spacing Criterion (Diagonal)	1.44
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-L26-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1247	1442	1640
55	1155	1452	1710
65	1006	1418	1651
75	730	1150	1258
85	286	292	213

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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>
0.0	872.556	872.556	872.556	872.556	872.556
0.5	872.229	871.902	872.883	874.517	868.308
1.0	875.497	870.595	873.536	872.556	872.229
1.5	872.883	869.288	872.883	871.902	869.288
2.0	872.229	868.308	869.942	875.497	871.902
2.5	872.556	867.654	869.942	874.190	867.327
3.0	871.576	869.288	871.249	872.229	869.942
3.5	872.556	869.615	867.981	872.229	871.249
4.0	868.308	866.674	870.922	871.249	869.942
4.5	868.961	867.000	867.327	870.595	866.347
5.0	869.288	867.654	868.308	867.981	869.942
5.5	869.615	865.693	867.654	872.556	869.615
6.0	867.327	866.020	865.693	869.615	868.634
6.5	864.059	863.732	867.327	870.268	868.308
7.0	865.693	863.406	866.020	870.268	863.732
7.5	863.079	861.445	863.406	867.654	865.040
8.0	862.425	859.484	864.386	867.327	864.713
8.5	857.523	858.830	862.425	864.386	864.059
9.0	859.157	858.177	862.425	864.713	864.386
9.5	859.157	856.543	859.157	866.020	862.752
10.0	855.236	855.562	857.850	862.098	864.713
10.5	850.660	853.928	858.177	861.118	860.464
11.0	844.124	849.680	854.255	860.464	863.406
11.5	848.700	849.026	852.294	860.138	859.157
12.0	847.392	846.739	851.641	859.811	857.850
12.5	846.412	844.124	851.641	857.523	855.562
13.0	838.896	842.164	848.046	857.523	857.850
13.5	837.915	840.203	848.046	853.602	860.464
14.0	835.954	839.876	846.739	851.641	858.177
14.5	835.301	836.608	842.490	852.621	852.948
15.0	830.399	832.360	841.183	850.334	853.275
15.5	830.726	828.111	838.569	848.700	847.066
16.0	824.843	825.824	838.242	848.046	854.255
16.5	824.516	823.536	835.301	847.066	849.026
17.0	820.922	820.922	833.340	843.471	850.007
17.5	817.000	817.654	830.399	841.837	847.066
18.0	810.464	814.059	828.438	841.837	844.451
18.5	811.118	814.059	826.804	838.896	839.222
19.0	805.889	806.542	821.575	838.242	839.876
19.5	803.601	805.562	820.922	836.281	837.915
20.0	797.065	802.948	816.673	834.974	834.320
20.5	798.046	798.372	816.020	833.013	834.320
21.0	785.627	794.778	811.444	833.013	834.320
21.5	785.954	792.490	809.484	828.438	831.379
22.0	784.974	788.242	805.562	826.150	832.033
22.5	780.398	784.320	802.948	824.516	826.150
23.0	773.862	781.379	803.274	823.863	829.092
23.5	772.555	777.784	797.719	820.922	827.784
24.0	767.980	773.209	796.085	817.327	825.170
24.5	760.790	769.614	792.490	815.693	820.595
25.0	757.522	765.366	789.222	811.444	818.961
25.5	753.928	761.444	785.627	811.118	816.673
26.0	749.026	757.196	782.032	809.157	816.673
26.5	743.797	752.947	777.784	805.235	812.752

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY).IES****CANDELA TABULATION - (Cont.)**

27.0	740.856	749.352	777.784	802.621	810.464
27.5	735.300	744.124	771.575	801.314	812.425
28.0	728.764	739.222	765.366	799.026	804.908
28.5	726.150	735.300	765.039	796.085	803.601
29.0	720.921	731.705	759.483	794.451	804.908
29.5	716.672	726.803	757.196	788.895	799.026
30.0	711.444	721.248	753.928	788.895	800.333
30.5	705.561	718.306	751.313	785.300	798.699
31.0	702.293	712.424	747.392	782.686	792.817
31.5	695.757	708.176	741.836	780.072	792.817
32.0	692.162	703.600	737.914	777.130	791.183
32.5	684.973	698.698	733.993	775.496	788.895
33.0	681.705	693.470	732.032	771.575	784.647
33.5	675.496	688.241	725.823	766.346	781.052
34.0	669.613	683.012	723.208	767.326	779.418
34.5	664.384	678.110	718.633	761.771	777.130
35.0	658.502	672.881	715.038	760.137	776.150
35.5	653.600	666.672	710.790	755.562	770.921
36.0	647.718	662.424	706.868	752.620	770.268
36.5	641.835	657.195	702.620	749.679	765.039
37.0	636.280	652.293	697.718	745.104	762.098
37.5	629.744	646.410	693.470	743.470	763.078
38.0	622.554	641.508	689.875	738.241	757.196
38.5	618.959	635.626	684.973	736.607	754.908
39.0	612.096	630.724	680.071	731.705	751.640
39.5	605.560	623.861	675.822	729.418	748.699
40.0	600.005	619.286	671.247	725.496	745.431
40.5	593.796	613.077	666.018	720.594	742.816
41.0	588.240	608.175	661.770	716.999	736.607
41.5	581.704	602.619	657.195	713.404	732.359
42.0	574.841	596.737	651.966	707.849	728.764
42.5	568.959	590.528	646.737	703.927	724.516
43.0	562.423	585.299	642.489	700.332	723.208
43.5	556.540	578.763	636.606	695.757	719.614
44.0	550.331	573.207	632.031	690.855	714.712
44.5	544.122	567.325	627.456	687.587	712.097
45.0	537.913	561.442	622.227	682.685	707.522
45.5	531.377	554.906	617.325	679.417	701.640
46.0	524.187	549.351	611.770	674.515	698.372
46.5	517.651	542.815	606.868	668.960	693.796
47.0	512.749	536.606	601.639	664.384	688.894
47.5	504.906	530.070	596.083	659.809	684.973
48.0	499.350	524.187	590.201	654.580	679.090
48.5	492.814	518.305	584.645	648.698	673.535
49.0	486.278	512.096	580.070	645.103	668.633
49.5	478.108	505.560	574.188	638.567	665.038
50.0	472.553	500.004	568.959	633.665	659.156
50.5	465.363	493.141	562.750	628.763	653.600
51.0	458.500	486.605	556.867	622.227	647.391
51.5	451.311	480.396	550.985	615.691	641.835
52.0	445.102	473.533	544.776	611.770	635.953
52.5	438.566	466.997	538.893	605.887	630.070
53.0	430.722	460.461	533.011	598.044	623.861
53.5	424.186	454.252	527.128	593.142	618.959
54.0	417.324	447.716	520.919	586.279	611.443
54.5	409.807	441.180	514.056	580.070	605.234

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY).IES****CANDELA TABULATION - (Cont.)**

55.0	404.252	433.990	508.174	572.554	598.698
55.5	397.389	427.454	501.311	566.344	591.835
56.0	390.526	420.918	495.102	560.135	585.299
56.5	383.336	414.709	488.239	552.946	578.763
57.0	376.147	408.173	481.703	546.083	570.920
57.5	369.284	401.637	475.167	538.566	562.750
58.0	362.094	395.101	467.978	531.377	554.253
58.5	354.578	388.238	461.442	524.514	546.410
59.0	347.715	381.376	454.906	516.671	538.566
59.5	340.526	374.186	448.043	509.154	530.723
60.0	333.336	367.323	440.526	501.311	521.900
60.5	326.146	360.134	433.337	492.814	513.403
61.0	318.793	352.944	426.147	483.991	504.579
61.5	311.506	346.081	418.304	475.821	495.756
62.0	304.185	338.892	411.441	467.324	485.625
62.5	296.767	331.375	404.578	458.174	475.494
63.0	289.512	324.447	397.389	449.677	466.017
63.5	281.996	317.094	389.872	440.200	456.866
64.0	274.479	309.806	381.702	430.722	446.409
64.5	266.898	302.421	373.859	421.245	436.278
65.0	259.512	295.068	365.689	411.441	425.820
65.5	251.963	287.813	357.846	402.944	414.709
66.0	244.414	280.427	349.349	393.140	405.559
66.5	236.799	273.139	341.179	382.683	394.774
67.0	229.250	265.656	332.682	372.552	383.663
67.5	221.930	258.270	323.859	361.441	372.879
68.0	214.348	250.819	314.806	350.983	361.768
68.5	206.766	243.335	305.983	340.526	350.330
69.0	199.315	235.950	296.800	329.414	338.565
69.5	191.962	228.433	287.943	318.728	326.539
70.0	184.773	221.080	278.695	307.486	315.101
70.5	177.550	213.564	269.251	296.081	303.532
71.0	170.197	206.113	259.806	284.970	292.094
71.5	163.204	198.662	250.067	274.087	280.525
72.0	155.982	191.211	240.525	263.041	268.826
72.5	148.988	183.825	230.721	251.832	257.159
73.0	142.191	176.537	220.982	240.590	245.329
73.5	135.328	169.119	211.178	229.185	233.629
74.0	128.563	161.766	201.407	217.747	222.093
74.5	121.994	154.511	191.472	206.701	210.459
75.0	115.295	147.191	181.701	195.721	198.694
75.5	108.726	139.968	171.929	184.675	186.897
76.0	102.256	132.779	162.322	173.498	174.838
76.5	95.883	125.622	152.681	162.256	162.746
77.0	89.805	118.530	143.171	150.949	150.916
77.5	83.693	111.570	133.727	139.870	139.380
78.0	77.811	104.511	124.445	128.890	127.615
78.5	71.961	97.484	115.197	118.007	115.785
79.0	66.242	90.556	106.112	107.092	103.530
79.5	60.785	83.726	97.223	96.047	91.667
80.0	55.556	76.994	88.497	85.066	80.164
80.5	50.458	70.393	79.837	74.314	69.151
81.0	45.589	63.889	71.373	64.020	58.563
81.5	40.883	57.549	63.072	54.216	48.726
82.0	36.471	51.438	55.000	45.000	39.608
82.5	32.288	45.621	47.125	36.602	31.961

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY)_IES****CANDELA TABULATION - (Cont.)**

83.0	28.366	39.968	39.575	29.379	25.556
83.5	24.706	34.673	32.451	23.432	20.621
84.0	21.307	29.706	25.948	18.758	16.798
84.5	18.105	25.000	20.229	15.164	13.726
85.0	15.196	20.654	15.556	12.222	11.340
85.5	12.549	16.601	11.863	9.935	9.412
86.0	10.163	12.974	9.052	8.105	7.843
86.5	8.105	9.739	6.961	6.667	6.569
87.0	6.275	7.059	5.392	5.490	5.425
87.5	4.706	4.935	4.281	4.444	4.477
88.0	3.464	3.431	3.333	3.562	3.595
88.5	2.451	2.386	2.582	2.778	2.843
89.0	1.699	1.667	1.928	2.092	2.157
89.5	1.144	1.176	1.405	1.503	1.471
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY)_IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****CANDELA TABULATION - (Cont.)**

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT**PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY)_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	320.23	N.A.	12.20
0-30	684.11	N.A.	26.10
0-40	1132.27	N.A.	43.30
0-60	2062.22	N.A.	78.80
0-80	2590.83	N.A.	99.00
0-90	2617.24	N.A.	100.00
10-90	2534.63	N.A.	96.80
20-40	812.03	N.A.	31.00
20-50	1291.91	N.A.	49.40
40-70	1278.54	N.A.	48.90
60-80	528.61	N.A.	20.20
70-80	180.02	N.A.	6.90
80-90	26.41	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	2617.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	82.61
10-20	237.62
20-30	363.87
30-40	448.16
40-50	479.87
50-60	450.08
60-70	348.59
70-80	180.02
80-90	26.41
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-L26-835-CA-DIM-UNV (AMBIENT ONLY)_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	93	93	93	93	91	91	91	91	87	87	87	83	83	83	80	80	80	78
1	85	81	78	75	83	80	77	74	76	74	72	73	71	69	70	69	67	66
2	77	71	65	61	75	69	64	60	66	62	59	64	60	57	62	59	56	54
3	70	62	55	50	68	61	55	50	58	53	49	56	52	48	54	50	47	46
4	64	55	48	42	62	54	47	42	52	46	42	50	45	41	48	44	40	39
5	59	49	42	36	57	48	41	36	46	40	36	45	39	35	43	39	35	33
6	54	44	37	32	53	43	36	31	42	36	31	40	35	31	39	34	31	29
7	50	40	33	28	49	39	32	28	38	32	27	37	31	27	35	31	27	25
8	47	36	29	25	45	35	29	25	34	29	24	33	28	24	33	28	24	23
9	44	33	27	22	43	33	26	22	32	26	22	31	26	22	30	25	22	20
10	41	30	24	20	40	30	24	20	29	24	20	28	23	20	28	23	20	18

IES INDOOR REPORT

PHOTOMETRIC FILENAME : CMR4AERNG-L26-835-CA-DIM-UNV (AMBIENT ONLY)_.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	13.4	15.0	13.7	15.3	15.6	15.6	17.2	15.9	17.5	17.8
	3H	14.9	16.4	15.3	16.7	17.1	17.4	18.9	17.8	19.3	19.6
	4H	15.4	16.8	15.8	17.2	17.5	18.0	19.4	18.4	19.8	20.1
	6H	15.7	17.0	16.1	17.3	17.7	18.3	19.6	18.7	20.0	20.3
	8H	15.7	17.0	16.1	17.3	17.7	18.3	19.5	18.7	19.9	20.3
	12H	15.7	16.9	16.1	17.3	17.7	18.3	19.5	18.7	19.9	20.3

UGR Viewed Endwise

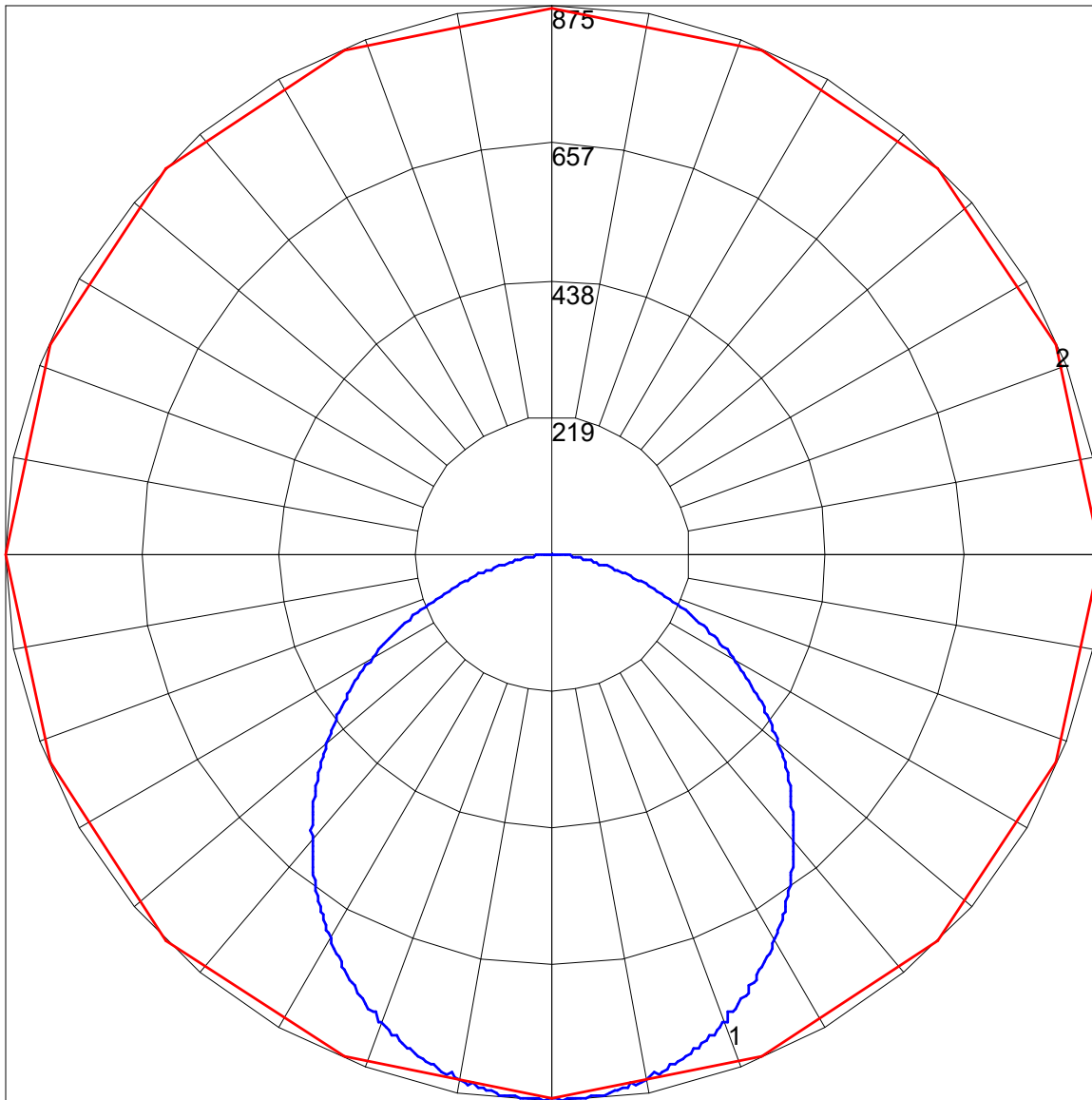
4H	2H	14.4	15.8	14.8	16.1	16.5	16.1	17.5	16.5	17.8	18.2
	3H	16.1	17.3	16.5	17.7	18.1	18.2	19.3	18.6	19.7	20.1
	4H	16.7	17.8	17.1	18.2	18.6	18.8	19.9	19.3	20.3	20.8
	6H	17.1	18.0	17.5	18.4	18.9	19.2	20.2	19.7	20.6	21.0
	8H	17.1	18.0	17.6	18.5	18.9	19.2	20.1	19.7	20.6	21.0
	12H	17.2	17.9	17.6	18.4	18.9	19.2	20.0	19.7	20.5	21.0

8H	4H	17.2	18.0	17.6	18.5	18.9	19.0	19.9	19.5	20.4	20.8
	6H	17.6	18.3	18.1	18.8	19.3	19.5	20.2	20.0	20.7	21.2
	8H	17.7	18.4	18.2	18.9	19.3	19.5	20.2	20.0	20.7	21.1
	12H	17.8	18.3	18.3	18.8	19.4	19.5	20.1	20.0	20.6	21.1

12H	4H	17.2	18.0	17.7	18.4	18.9	19.0	19.8	19.5	20.3	20.8
	6H	17.7	18.3	18.2	18.8	19.3	19.5	20.1	20.0	20.6	21.1
	8H	17.8	18.4	18.3	18.8	19.4	19.5	20.1	20.1	20.6	21.2

Maximum UGR = 21.2

POLAR GRAPH



Maximum Candela = 875.497 Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)