

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : EBB-15-26CF.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] Photopia 2.0.0.17 PHOTOMETRIC REPORT  
[MANUFAC] TMS LIGHTING  
[LUMINAIRE] EBBY PENDANT  
[MORE] 15.5" DIAMETER ALUMINUM REFLECTOR  
[MORE] INNER SURFACE FINISHED WITH WHITE POLYESTER POWDER COAT  
[LUMCAT] EBB-15-26CF  
[LAMP] 26W PL-T

**CHARACTERISTICS**

Lumens Per Lamp	1800 (1 lamp)
Total Lamp Lumens	1800
Luminaire Lumens	1698
Total Luminaire Efficiency	94 %
Luminaire Efficacy Rating (LER)	59
Total Luminaire Watts	29
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criteria (0-180)	1.36
Spacing Criteria (90-270)	1.34
Spacing Criteria (Diagonal)	1.64
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.29 ft (Diameter)
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2676	2711	2621
55	3152	3367	3270
65	4245	4248	4330
75	6647	6689	6768
85	18765	18535	18852

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : EBB-15-26CF.IES**

**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>
<b>0</b>	261.332	261.332	261.332	261.332	261.332	261.332	261.332	261.332	261.332
<b>5</b>	262.361	228.932	244.007	239.552	241.504	249.885	241.504	250.881	227.886
<b>10</b>	247.635	220.641	221.665	222.998	225.794	214.634	227.070	229.540	231.295
<b>15</b>	218.261	221.327	210.404	211.889	214.150	213.846	221.474	209.661	199.660
<b>20</b>	212.535	213.464	209.621	206.770	219.116	223.785	221.541	222.722	224.410
<b>25</b>	226.879	227.459	216.062	224.055	219.966	229.112	224.027	226.052	222.919
<b>30</b>	224.961	217.136	222.734	227.959	227.335	221.541	223.999	230.378	218.965
<b>35</b>	229.934	219.426	225.844	225.596	227.515	229.343	228.791	226.952	225.636
<b>40</b>	226.766	231.818	232.448	226.457	233.505	228.134	226.204	223.763	228.404
<b>45</b>	228.465	230.541	231.480	228.179	223.735	232.532	234.434	231.914	226.469
<b>50</b>	233.072	228.994	231.475	225.411	229.151	231.475	235.159	231.773	223.740
<b>55</b>	218.301	222.981	233.168	223.560	226.451	231.536	229.849	228.527	224.978
<b>60</b>	223.391	221.215	221.822	225.951	218.689	223.116	234.366	221.828	225.191
<b>65</b>	216.602	219.876	216.754	223.515	220.905	222.030	224.708	222.306	228.336
<b>70</b>	215.134	216.540	217.952	217.193	211.720	223.589	221.260	218.740	218.380
<b>75</b>	207.709	209.031	209.025	211.472	211.495	216.855	216.709	216.310	211.034
<b>80</b>	199.435	200.672	207.990	203.069	202.506	209.363	205.982	212.411	208.817
<b>85</b>	197.455	191.183	195.030	197.950	198.366	201.201	202.106	197.471	199.305
<b>90</b>	180.428	179.511	183.668	187.442	183.139	191.081	188.511	187.296	186.846
<b>95</b>	163.755	163.221	168.891	170.511	165.426	171.360	166.832	174.190	176.378
<b>100</b>	132.531	134.123	133.538	135.225	134.325	138.482	141.120	136.716	142.898
<b>105</b>	95.501	105.548	100.058	100.784	102.049	99.090	110.144	103.022	106.009
<b>110</b>	66.224	69.784	68.485	71.820	69.266	70.319	71.989	69.250	73.395
<b>115</b>	30.353	35.055	36.191	36.647	34.200	34.571	38.160	37.496	38.149
<b>120</b>	6.880	6.126	6.902	6.975	7.403	7.994	8.370	8.556	7.375
<b>125</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>130</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>135</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>140</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>145</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>150</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>155</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>160</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>165</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>170</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>175</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>180</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : EBB-15-26CF.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	187.27	10.40	11.00
0-40	329.56	18.30	19.40
0-60	711.25	39.50	41.90
0-90	1369.86	76.10	80.70
90-120	326.42	18.10	19.20
90-130	328.14	18.20	19.30
90-150	328.14	18.20	19.30
90-180	328.14	18.20	19.30
0-180	1698.00	94.30	100.00

Total Luminaire Efficiency = 94.30%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	22.76
10-20	61.56
20-30	102.95
30-40	142.28
40-50	177.95
50-60	203.74
60-70	219.59
70-80	224.45
80-90	214.57
90-100	179.96
100-110	109.13
110-120	37.33
120-130	1.72
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

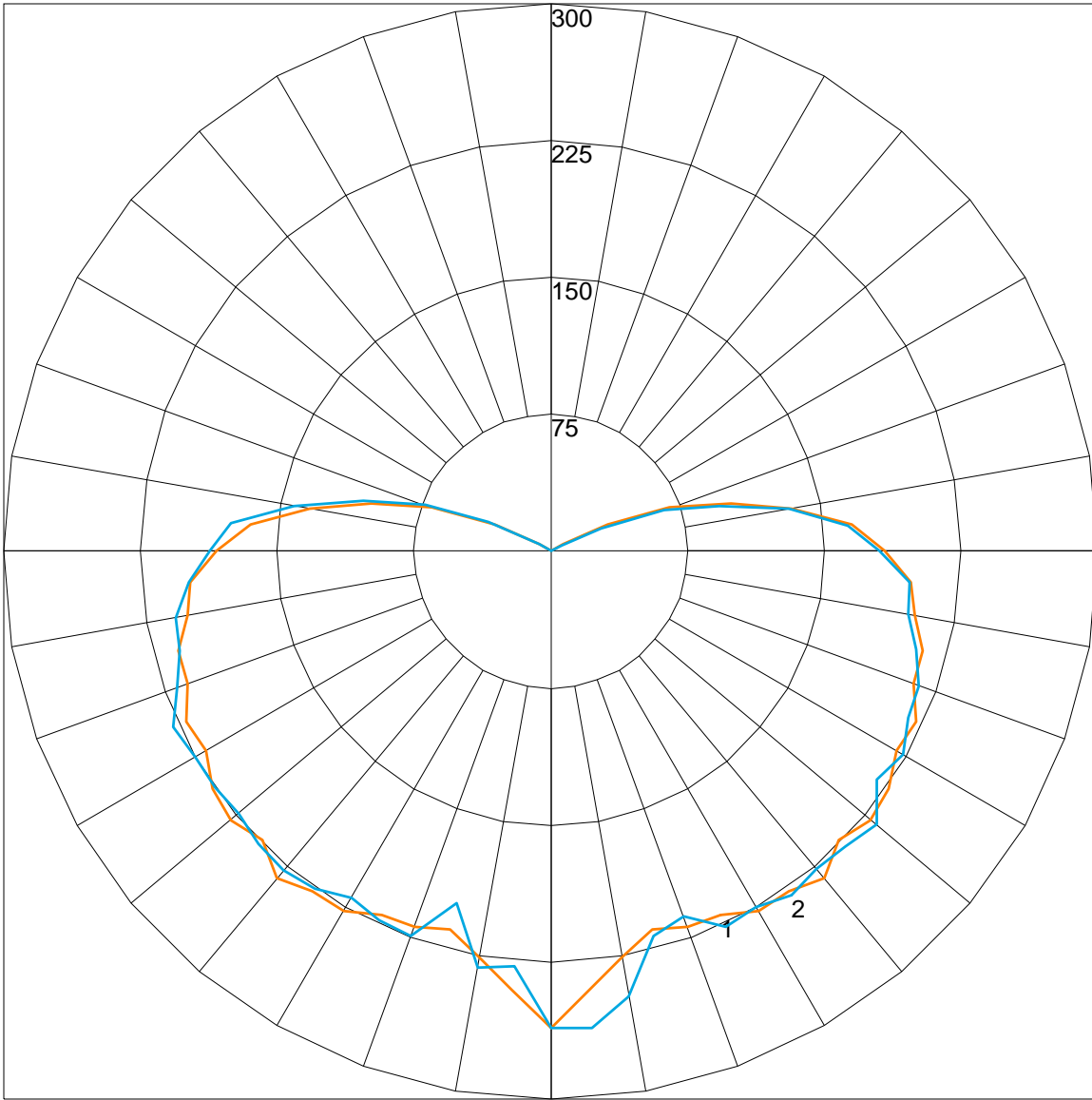
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : EBB-15-26CF.IES**

**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	108	108	108	108	103	103	103	103	95	95	95	87	87	87	80	80	80	76
1	93	86	80	74	88	82	76	71	74	70	66	67	64	60	61	58	55	52
2	82	72	63	56	78	68	61	54	62	56	50	56	51	46	50	46	42	39
3	74	61	52	44	70	59	50	43	53	46	40	48	42	37	43	38	34	31
4	67	53	44	36	63	51	42	35	46	38	32	42	35	30	37	32	28	25
5	61	47	37	30	57	45	36	29	41	33	27	37	30	25	33	28	23	20
6	56	42	32	26	53	40	31	25	36	29	23	33	26	21	30	24	20	17
7	52	38	28	22	49	36	27	21	33	25	20	30	23	19	27	21	17	15
8	48	34	25	19	45	32	24	19	30	23	17	27	21	16	25	19	15	13
9	44	31	23	17	42	30	22	17	27	20	15	25	19	14	23	17	13	11
10	42	28	20	15	39	27	20	15	25	18	14	23	17	13	21	16	12	10

POLAR GRAPH



Maximum Candela = 262.361 Located At Horizontal Angle = 0, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)