

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 1EVG30L840-2-D-UNV-DIM.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] FO36589.PSO
[TESTLAB] DAY-BRITE PHOTOMETRIC LABORATORY
[ISSUE DATE] 6/15/16
[MANUFAC] DAY-BRITE / CFI
[LUMCAT] 1EVG30L835-2-D
[LUMINAIRE] 1X2 EVOGRID 1-LINEP 2.40L5 3500K BOARD 40W DRIVER 2.2K RESISTOR
[LAMP] LED. LUMINAIRE OUTPUT = 3012.2 LUMENS
[TEST DATE] 6/15/16

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3013
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	28.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.74 ft
Luminous Width (90-270)	0.29 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20124	21577	22692
55	17597	20837	22635
65	15870	19132	19157
75	13586	15340	13010
85	10832	5037	3399

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1EVG30L840-2-D-UNV-DIM.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>	<u>202.5</u>
0.0	1125.1	1125.1	1125.1	1125.1	1125.1	1125.1	1125.1	1125.1	1125.1	1125.1
2.5	1115.2	1120.2	1125.4	1128.0	1128.9	1128.0	1125.4	1120.2	1115.2	1120.2
5.0	1110.9	1115.6	1121.8	1124.7	1126.1	1124.7	1121.8	1115.6	1110.9	1115.6
7.5	1102.7	1107.5	1115.3	1119.6	1120.5	1119.6	1115.3	1107.5	1102.7	1107.5
10.0	1091.8	1097.4	1106.0	1110.0	1111.8	1110.0	1106.0	1097.4	1091.8	1097.4
12.5	1077.1	1083.4	1093.2	1098.5	1099.1	1098.5	1093.2	1083.4	1077.1	1083.4
15.0	1059.1	1066.3	1076.6	1082.3	1083.0	1082.3	1076.6	1066.3	1059.1	1066.3
17.5	1037.5	1046.2	1057.0	1063.5	1064.7	1063.5	1057.0	1046.2	1037.5	1046.2
20.0	1013.6	1023.2	1034.9	1041.9	1043.3	1041.9	1034.9	1023.2	1013.6	1023.2
22.5	985.8	996.9	1009.7	1017.3	1019.4	1017.3	1009.7	996.9	985.8	996.9
25.0	955.9	966.8	981.3	990.1	993.0	990.1	981.3	966.8	955.9	966.8
27.5	922.2	934.5	950.6	960.5	964.0	960.5	950.6	934.5	922.2	934.5
30.0	888.3	901.6	920.4	931.6	934.6	931.6	920.4	901.6	888.3	901.6
32.5	861.2	869.1	888.9	902.4	906.0	902.4	888.9	869.1	861.2	869.1
35.0	820.0	840.1	854.7	871.2	877.2	871.2	854.7	840.1	820.0	840.1
37.5	779.1	799.0	819.4	839.6	846.5	839.6	819.4	799.0	779.1	799.0
40.0	748.0	758.4	783.3	807.0	815.1	807.0	783.3	758.4	748.0	758.4
42.5	709.8	721.7	749.9	775.1	783.8	775.1	749.9	721.7	709.8	721.7
45.0	667.7	681.7	715.9	744.4	752.9	744.4	715.9	681.7	667.7	681.7
47.5	623.9	642.4	680.8	710.5	719.9	710.5	680.8	642.4	623.9	642.4
50.0	581.5	602.8	644.3	674.0	684.3	674.0	644.3	602.8	581.5	602.8
52.5	508.4	540.3	606.1	636.4	647.0	636.4	606.1	540.3	508.4	540.3
55.0	473.6	488.8	560.8	598.4	609.2	598.4	560.8	488.8	473.6	488.8
57.5	432.3	450.9	496.4	543.2	552.3	543.2	496.4	450.9	432.3	450.9
60.0	387.6	412.7	458.2	486.5	497.0	486.5	458.2	412.7	387.6	412.7
62.5	347.6	375.1	419.0	441.0	439.0	441.0	419.0	375.1	347.6	375.1
65.0	314.7	338.0	379.4	387.3	379.9	387.3	379.4	338.0	314.7	338.0
67.5	275.7	300.6	336.1	330.1	319.5	330.1	336.1	300.6	275.7	300.6
70.0	237.8	262.9	287.3	272.1	260.8	272.1	287.3	262.9	237.8	262.9
72.5	199.2	224.9	236.2	216.9	207.5	216.9	236.2	224.9	199.2	224.9
75.0	165.0	187.2	186.3	166.6	158.0	166.6	186.3	187.2	165.0	187.2
77.5	131.2	149.7	138.9	119.0	110.3	119.0	138.9	149.7	131.2	149.7
80.0	98.5	110.7	94.1	71.5	63.0	71.5	94.1	110.7	98.5	110.7
82.5	68.2	73.0	50.9	32.5	31.5	32.5	50.9	73.0	68.2	73.0
85.0	44.3	38.9	20.6	16.4	13.9	16.4	20.6	38.9	44.3	38.9
87.5	24.5	15.8	14.4	11.5	9.3	11.5	14.4	15.8	24.5	15.8
90.0	12.2	10.1	10.1	8.1	6.6	8.1	10.1	10.1	12.2	10.1
92.5	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
97.5	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
102.5	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
107.5	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
112.5	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
117.5	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
122.5	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
127.5	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
132.5	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 : 1EVG30L840-2-D-UNV-DIM.IES

CANDELA TABULATION - (Cont.)

135.0	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
140.0	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
145.0	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
150.0	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
155.0	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
160.0	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
165.0	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
170.0	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
175.0	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
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Vert. Angles **Horizontal 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	1125.1	1125.1	1125.1	1125.1	1125.1	1125.1	1125.1
2.5	1125.4	1128.0	1128.9	1128.0	1125.4	1120.2	1115.2
5.0	1121.8	1124.7	1126.1	1124.7	1121.8	1115.6	1110.9
7.5	1115.3	1119.6	1120.5	1119.6	1115.3	1107.5	1102.7
10.0	1106.0	1110.0	1111.8	1110.0	1106.0	1097.4	1091.8
12.5	1093.2	1098.5	1099.1	1098.5	1093.2	1083.4	1077.1
15.0	1076.6	1082.3	1083.0	1082.3	1076.6	1066.3	1059.1
17.5	1057.0	1063.5	1064.7	1063.5	1057.0	1046.2	1037.5
20.0	1034.9	1041.9	1043.3	1041.9	1034.9	1023.2	1013.6
22.5	1009.7	1017.3	1019.4	1017.3	1009.7	996.9	985.8
25.0	981.3	990.1	993.0	990.1	981.3	966.8	955.9
27.5	950.6	960.5	964.0	960.5	950.6	934.5	922.2
30.0	920.4	931.6	934.6	931.6	920.4	901.6	888.3
32.5	888.9	902.4	906.0	902.4	888.9	869.1	861.2
35.0	854.7	871.2	877.2	871.2	854.7	840.1	820.0
37.5	819.4	839.6	846.5	839.6	819.4	799.0	779.1
40.0	783.3	807.0	815.1	807.0	783.3	758.4	748.0
42.5	749.9	775.1	783.8	775.1	749.9	721.7	709.8
45.0	715.9	744.4	752.9	744.4	715.9	681.7	667.7
47.5	680.8	710.5	719.9	710.5	680.8	642.4	623.9
50.0	644.3	674.0	684.3	674.0	644.3	602.8	581.5
52.5	606.1	636.4	647.0	636.4	606.1	540.3	508.4
55.0	560.8	598.4	609.2	598.4	560.8	488.8	473.6
57.5	496.4	543.2	552.3	543.2	496.4	450.9	432.3
60.0	458.2	486.5	497.0	486.5	458.2	412.7	387.6
62.5	419.0	441.0	439.0	441.0	419.0	375.1	347.6
65.0	379.4	387.3	379.9	387.3	379.4	338.0	314.7
67.5	336.1	330.1	319.5	330.1	336.1	300.6	275.7
70.0	287.3	272.1	260.8	272.1	287.3	262.9	237.8
72.5	236.2	216.9	207.5	216.9	236.2	224.9	199.2
75.0	186.3	166.6	158.0	166.6	186.3	187.2	165.0
77.5	138.9	119.0	110.3	119.0	138.9	149.7	131.2
80.0	94.1	71.5	63.0	71.5	94.1	110.7	98.5

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1EVG30L840-2-D-UNV-DIM.IES

CANDELA TABULATION - (Cont.)

82.5	50.9	32.5	31.5	32.5	50.9	73.0	68.2
85.0	20.6	16.4	13.9	16.4	20.6	38.9	44.3
87.5	14.4	11.5	9.3	11.5	14.4	15.8	24.5
90.0	10.1	8.1	6.6	8.1	10.1	10.1	12.2
92.5	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
97.5	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
102.5	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
107.5	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
112.5	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
117.5	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
122.5	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
127.5	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
132.5	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
137.5	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
142.5	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
147.5	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
152.5	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
157.5	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
162.5	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
167.5	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
172.5	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
177.5	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 : 1EVG30L840-2-D-UNV-DIM.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	409.19	N.A.	13.60
0-30	859.61	N.A.	28.50
0-40	1392.99	N.A.	46.20
0-60	2429.7	N.A.	80.60
0-80	2973.3	N.A.	98.70
0-90	3011.88	N.A.	100.00
10-90	2905.47	N.A.	96.40
20-40	983.80	N.A.	32.70
20-50	1533.76	N.A.	50.90
40-70	1394.17	N.A.	46.30
60-80	543.60	N.A.	18.00
70-80	186.14	N.A.	6.20
80-90	38.57	N.A.	1.30
90-110	1.29	N.A.	0.00
90-120	1.29	N.A.	0.00
90-130	1.29	N.A.	0.00
90-150	1.29	N.A.	0.00
90-180	1.29	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3013.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	106.41
10-20	302.78
20-30	450.42
30-40	533.38
40-50	549.96
50-60	486.75
60-70	357.46
70-80	186.14
80-90	38.57
90-100	1.29
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

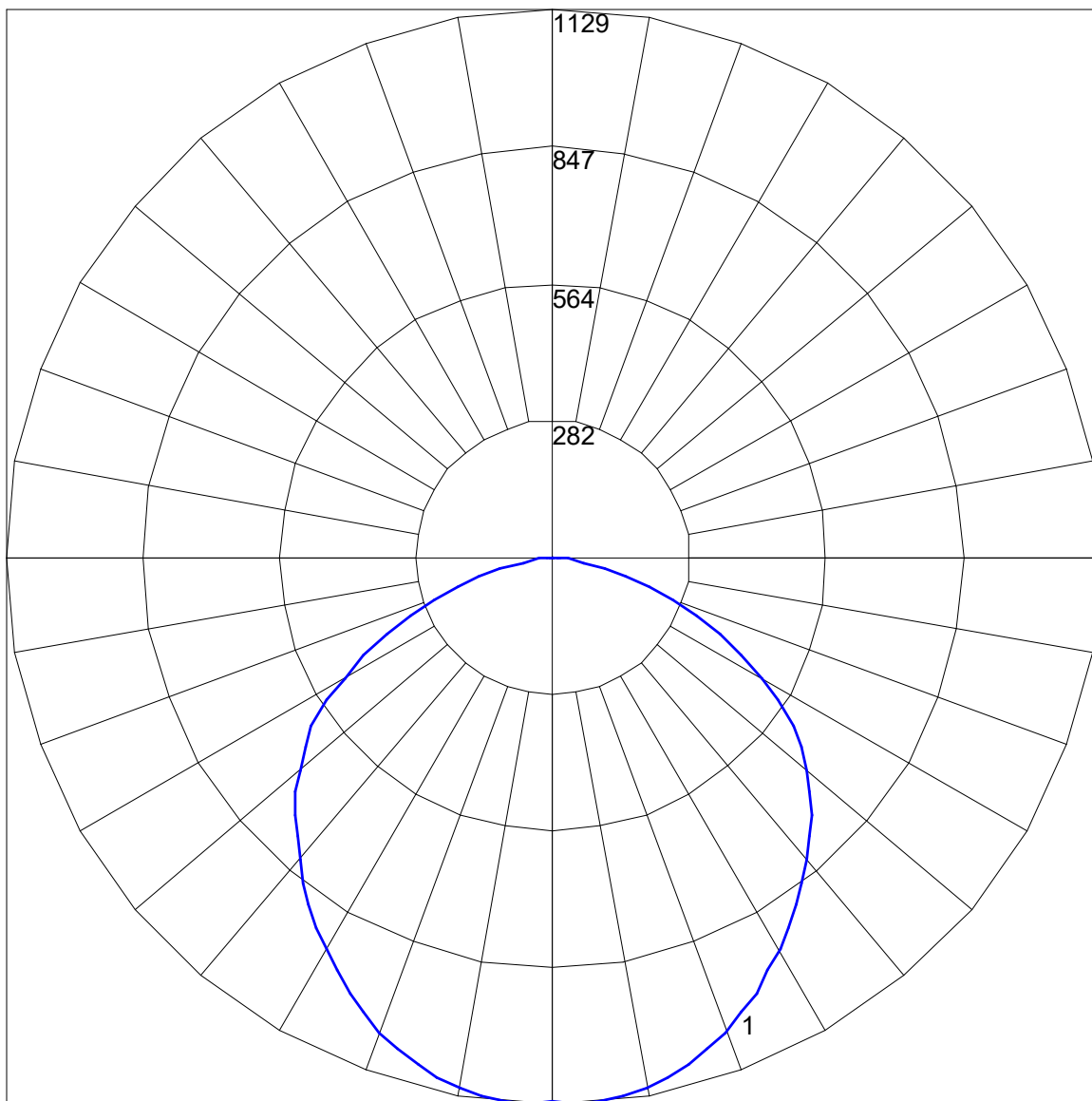
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 1EVG30L840-2-D-UNV-DIM.IES

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	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	75	80	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
5	76	64	55	48	74	63	54	48	60	53	47	58	52	47	57	51	46	44
6	71	57	49	42	69	56	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

POLAR GRAPH



Maximum Candela = 1128.9 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)