IES INDOOR REPORT
PHOTOMETRIC FILENAME : DVWL48HFA30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]BALLABS TEST NO. 18102.0
[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC
[ISSUEDATE] 02-MAY-2014
[MANUFAC] LAMAR LIGHTING CO., INC.
[LUMINAIRE] 8-(72LED) 22"BOARDS 4'ENCLOSED/GASKETED LUMINAIRE
[MORE] WHITE REFLECTOR & FROSTED ACRYLIC DROP LENS
[MORE] 2 ULT DRIVERS #D23CC90UNVT-F MOUNTED TO ALUM HEATSINK
[LUMCAT] DVWL48HFA30
[LAMPCAT] M700C830D72N2S

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	18186
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	180
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.16
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.25 ft
Luminous Width (90-270)	1.15 ft
Luminous Height	0.27 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11944	10388	9985
55	10221	8531	8581
65	8397	6975	7519
75	6223	5436	6222
85	3825	3941	4864

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0	6707	6707	6707	6707	6707
5	6652	6646	6646	6640	6638
10	6579	6571	6569	6565	6563
15	6293	6291	6285	6279	6279
20	6255	6245	6233	6225	6217
25	5692	5686	5674	5670	5657
30	5234	5224	5210	5196	5175
35	4857	4849	4833	4805	4788
40	4349	4341	4312	4272	4246
45	4069	4067	4033	3978	3954
50	3456	3456	3425	3403	3403
55	2897	2903	2888	2941	2982
60	2309	2325	2346	2475	2528
65	1827	1859	1943	2111	2169
70	1365	1410	1552	1746	1801
75	903	968	1142	1321	1373
80	549	632	826	1001	1045
85	261	350	533	675	711
90	134	192	322	405	427
95	77	140	243	290	298
100	81	124	199	235	239
105	79	109	174	207	213
110	0	95	156	190	205
115	0	81	140	176	186
120	0	69	126	162	174
125	0	57	109	146	156
130	0	0	93	126	140
135	0	0	77	107	117
140	0	0	63	87	99
145	0	0	0	81	87
150	0	0	0	65	65
155	0	0	0	61	57
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2426.62	N.A.	13.30
0-30	5053.32	N.A.	27.80
0-40	8054.97	N.A.	44.30
0-60	13709.54	N.A.	75.40
0-80	16903.73	N.A.	92.90
0-90	17485.79	N.A.	96.10
10-90	16853.5	N.A.	92.70
20-40	5628.35	N.A.	30.90
20-50	8675.88	N.A.	47.70
40-70	7615.67	N.A.	41.90
60-80	3194.19	N.A.	17.60
70-80	1233.1	N.A.	6.80
80-90	582.06	N.A.	3.20
90-110	415.89	N.A.	2.30
90-120	538.08	N.A.	3.00
90-130	623.18	N.A.	3.40
90-150	692.18	N.A.	3.80
90-180	700.44	N.A.	3.90
110-180	284.55	N.A.	1.60
0-180	18186.23	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	632.29
10-20	1794.33
20-30	2626.71
30-40	3001.64
40-50	3047.53
50-60	2607.05
60-70	1961.09
70-80	1233.1
80-90	582.06
90-100	248.24
100-110	167.65
110-120	122.19
120-130	85.10
130-140	47.31
140-150	21.69
150-160	8.26
160-170	0.00
170-180	0.00

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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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	107	103	98	94	104	100	96	92	95	92	89	90	88	85	86	84	82	80
2	98	89	83	77	95	87	81	76	83	78	73	79	75	71	76	72	69	67
3	89	79	71	64	86	77	69	63	73	67	62	70	65	60	67	63	59	56
4	82	70	61	55	79	68	60	54	65	58	53	63	57	52	60	55	51	48
5	75	63	54	47	73	61	53	47	59	51	46	56	50	45	54	49	44	42
6	70	57	48	41	68	55	47	41	53	46	40	51	45	40	49	43	39	37
7	65	51	43	37	63	50	42	36	48	41	36	47	40	35	45	39	35	33
8	60	47	39	33	59	46	38	33	44	37	32	43	36	32	41	36	31	29
9	56	43	35	30	55	42	35	29	41	34	29	40	33	29	38	33	28	26
10	53	40	32	27	51	39	32	27	38	31	26	37	30	26	36	30	26	24

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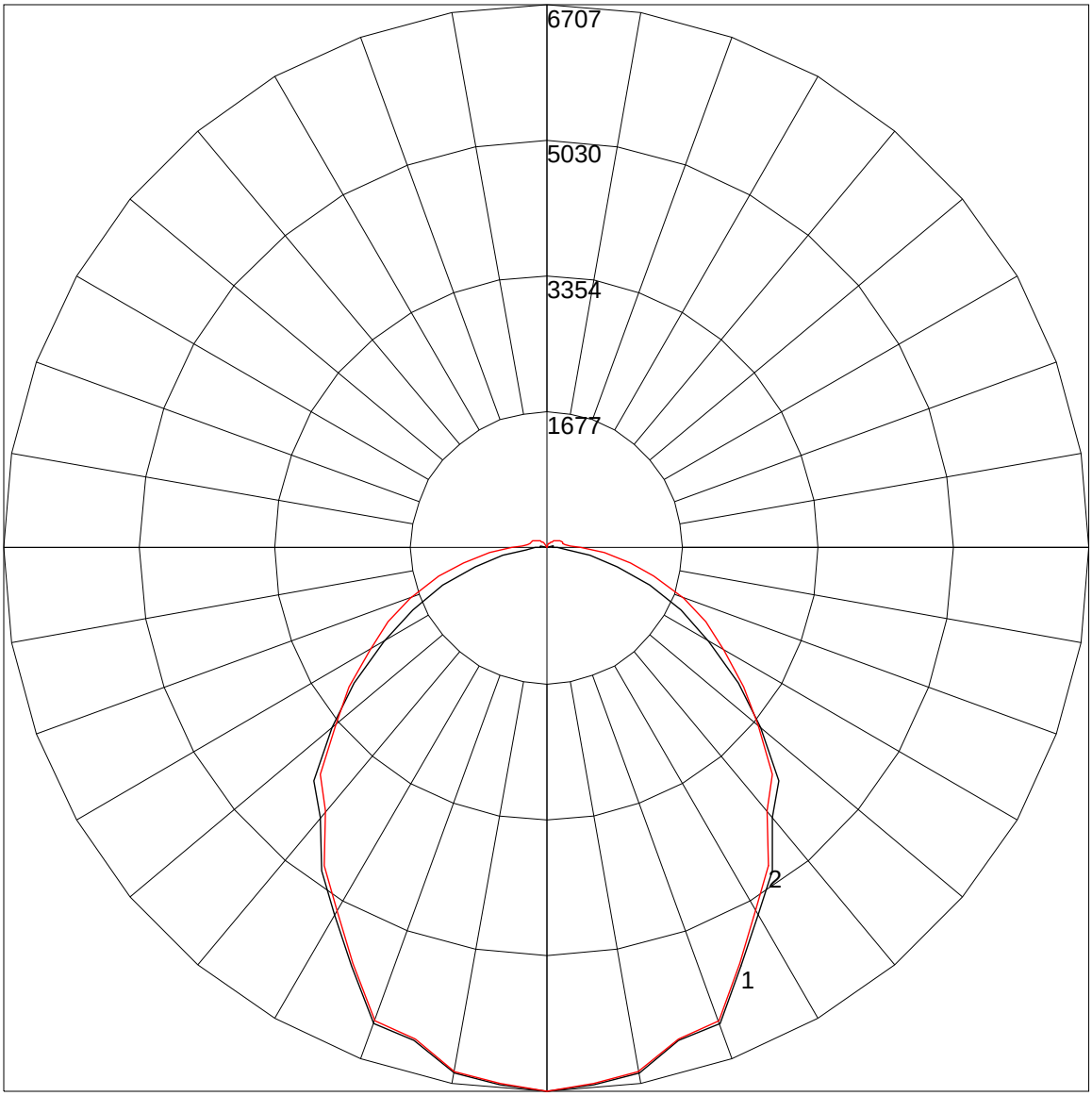
POLAR GRAPH



Maximum Candela = 6707 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Vertical Plane Through Horizontal Angles (90 - 270)