

Day-Brite

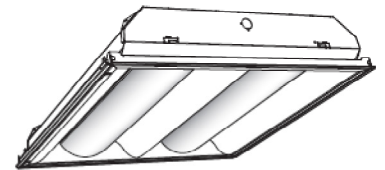
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25892.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 25892
[DATE] 01/06/2006
[LUMCAT] 2ATNG217-PMW-1/2-EB
[LUMINAIRE] DAY-BRITE 2X2 ATTUNE STANDARD DIST
[MORE] W/ROUND PERF & OVERLAY
[LAMP] F17T8
[BALLAST] TRIAD B232I120RH-A
[MANUFAC] PHILIPS DAY-BRITE
[TESTLAB] PHILIPS DAY-BRITE PHOTOMETRIC LABORATORY, TUPELO, MS
[MORE] NVLAP LABORATORY CODE 200016-0
[ISSUEDATE] 1/6/2006
[_TEST_LEVEL]
[_TIFF_FILE_NAME]
[_VERSION] fo2ies 3.0d(90)
[OTHER] Test distance = 26 ft.
[MORE] Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

Lumens Per Lamp	1325 (2 lamps)
Total Lamp Lumens	2650
Luminaire Lumens	1035
Total Luminaire Efficiency	39 %
Luminaire Efficacy Rating (LER)	26
Total Luminaire Watts	35
Ballast Factor	0.88
CIE Type	Direct
Spacing Criterion (0-180)	1.14
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.83 ft
Luminous Width (90-270)	1.83 ft
Luminous Height	0.00 ft



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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1009	1113	1321
55	798	1032	1188
65	553	833	901
75	396	556	618
85	147	147	110

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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	445	445	445	445	445
2.5	446	445	442	442	442
5.0	442	442	440	439	439
7.5	438	437	436	436	436
10.0	432	431	430	431	431
12.5	422	421	421	422	424
15.0	417	416	416	419	420
17.5	405	405	406	410	413
20.0	393	394	396	400	404
22.5	381	380	384	391	395
25.0	364	365	370	378	385
27.5	350	350	357	367	373
30.0	334	336	345	356	363
32.5	316	319	328	342	349
35.0	300	302	313	330	339
37.5	281	284	297	315	323
40.0	261	266	281	298	309
42.5	242	247	264	284	301
45.0	223	227	246	274	292
47.5	203	209	229	262	271
50.0	182	190	211	241	243
52.5	162	172	198	216	231
55.0	143	154	185	202	213
57.5	124	135	166	185	186
60.0	106	119	143	161	162
62.5	89	103	129	137	139
65.0	73	88	110	116	119
67.5	61	73	92	98	101
70.0	51	61	74	81	85
72.5	41	49	59	65	67
75.0	32	36	45	49	50
77.5	23	27	33	34	35
80.0	16	19	21	22	22
82.5	8	12	12	11	11
85.0	4	5	4	3	3
87.5	1	1	0	0	0
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	330.49	12.50	31.90
0-40	527.67	19.90	51.00
0-60	879.66	33.20	85.00
0-90	1035.3	39.10	100.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
0-180	1035.3	39.10	100.00

Total Luminaire Efficiency = 39.10%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	41.75
10-20	117.23
20-30	171.51
30-40	197.18
40-50	192.91
50-60	159.08
60-70	102.39
70-80	46.32
80-90	6.93
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

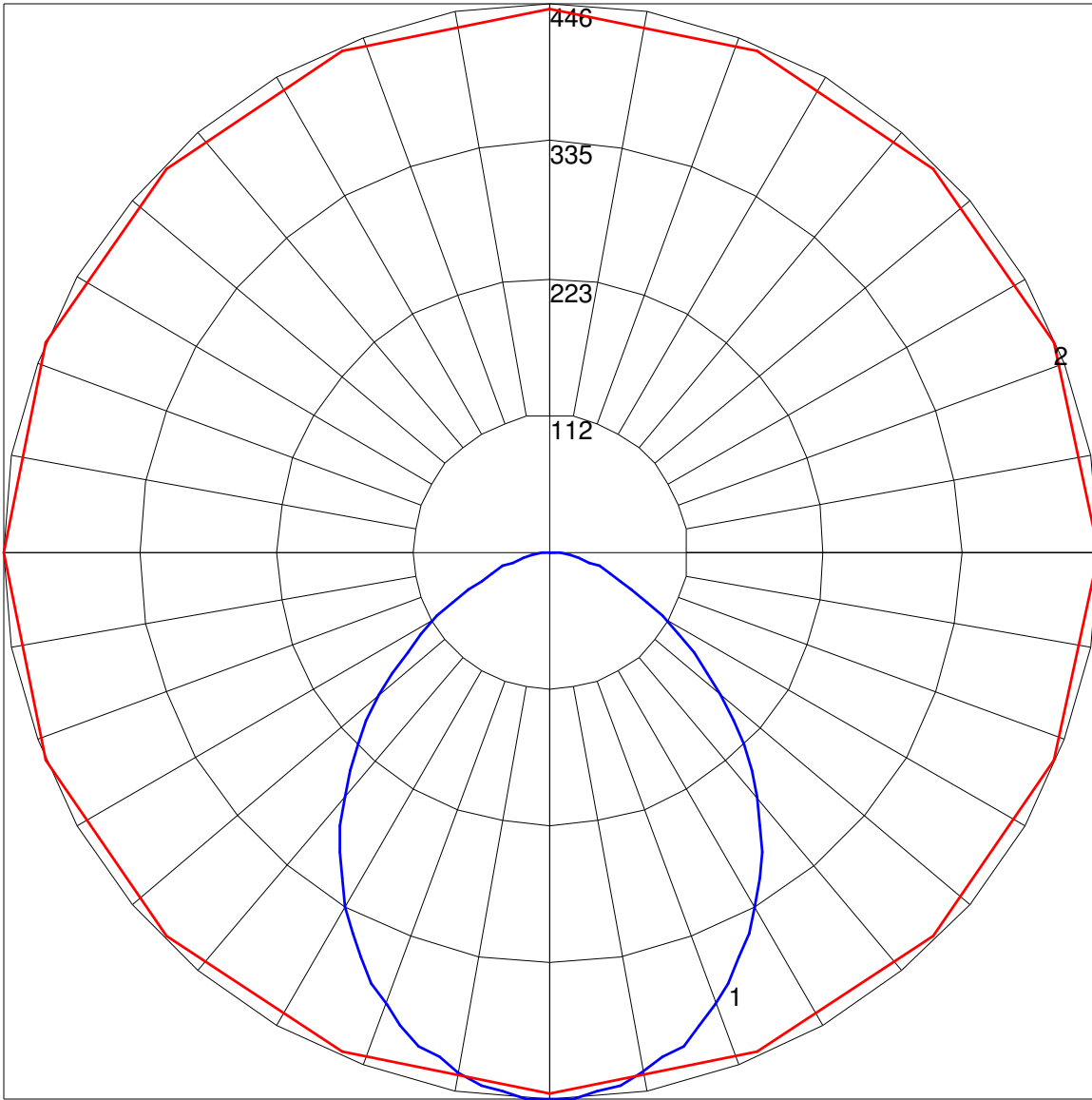
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	47	47	47	47	45	45	45	45	43	43	43	42	42	42	40	40	40	39
1	43	41	40	38	42	40	39	38	39	38	37	37	36	36	36	35	34	34
2	39	36	34	32	38	36	33	32	34	32	31	33	31	30	32	31	29	29
3	36	32	29	27	35	32	29	27	31	28	26	29	27	26	28	27	25	25
4	33	29	26	23	32	28	25	23	27	25	23	26	24	22	26	24	22	21
5	31	26	23	20	30	25	22	20	25	22	20	24	21	20	23	21	19	19
6	28	23	20	18	28	23	20	18	22	20	17	22	19	17	21	19	17	16
7	26	21	18	16	26	21	18	16	20	18	16	20	17	15	19	17	15	15
8	25	19	16	14	24	19	16	14	19	16	14	18	16	14	18	15	14	13
9	23	18	15	13	22	18	15	13	17	15	13	17	14	13	16	14	13	12
10	22	17	14	12	21	16	13	12	16	13	12	16	13	11	15	13	11	11

POLAR GRAPH



Maximum Candela = 446 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)