

Day-Brite

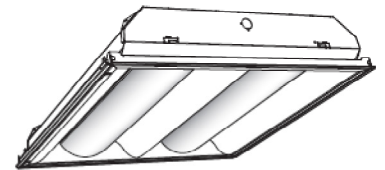
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25882.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 25882
[DATE] 01/04/2006
[LUMCAT] 2ATNG214-DO-1/2-EB
[LUMINAIRE] DAY-BRITE 2X2 ATTUNE STANDARD DIST
[MORE] W/DIFFUSE & OVERLAY
[LAMP] F14T5
[BALLAST] TRIAD B228PUNV-C
[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	1200 (2 lamps)
Total Lamp Lumens	2400
Luminaire Lumens	1753
Total Luminaire Efficiency	73 %
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
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	1733	1878	2014
55	1551	1791	1902
65	1317	1605	1681
75	1038	1286	1298
85	551	551	367

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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	663	663	663	663	663
2.5	663	666	663	661	659
5.0	660	663	660	658	656
7.5	655	658	655	654	652
10.0	648	652	650	649	647
12.5	637	640	643	643	642
15.0	629	633	631	632	631
17.5	617	621	620	621	621
20.0	602	607	608	610	610
22.5	588	591	596	599	598
25.0	570	574	579	584	585
27.5	549	555	560	572	569
30.0	530	536	544	551	554
32.5	507	513	523	534	537
35.0	485	490	504	515	520
37.5	460	467	481	497	502
40.0	435	443	458	477	484
42.5	409	419	438	457	464
45.0	383	393	415	437	445
47.5	357	367	393	418	426
50.0	329	342	369	396	402
52.5	303	316	344	368	370
55.0	278	290	321	338	341
57.5	250	263	297	309	311
60.0	224	239	271	280	283
62.5	199	213	240	249	251
65.0	174	189	212	221	222
67.5	150	164	184	191	192
70.0	127	142	158	163	163
72.5	105	120	130	133	133
75.0	84	95	104	105	105
77.5	64	74	79	78	78
80.0	45	54	56	54	52
82.5	29	34	33	30	29
85.0	15	18	15	11	10
87.5	5	5	2	2	2
90.0	1	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	507.22	21.10	28.90
0-40	821.66	34.20	46.90
0-60	1422.95	59.30	81.20
0-90	1752.66	73.00	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	1752.66	73.00	100.00

Total Luminaire Efficiency = 73.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	62.65
10-20	178.11
20-30	266.46
30-40	314.44
40-50	320.14
50-60	281.15
60-70	202.97
70-80	106.25
80-90	20.49
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

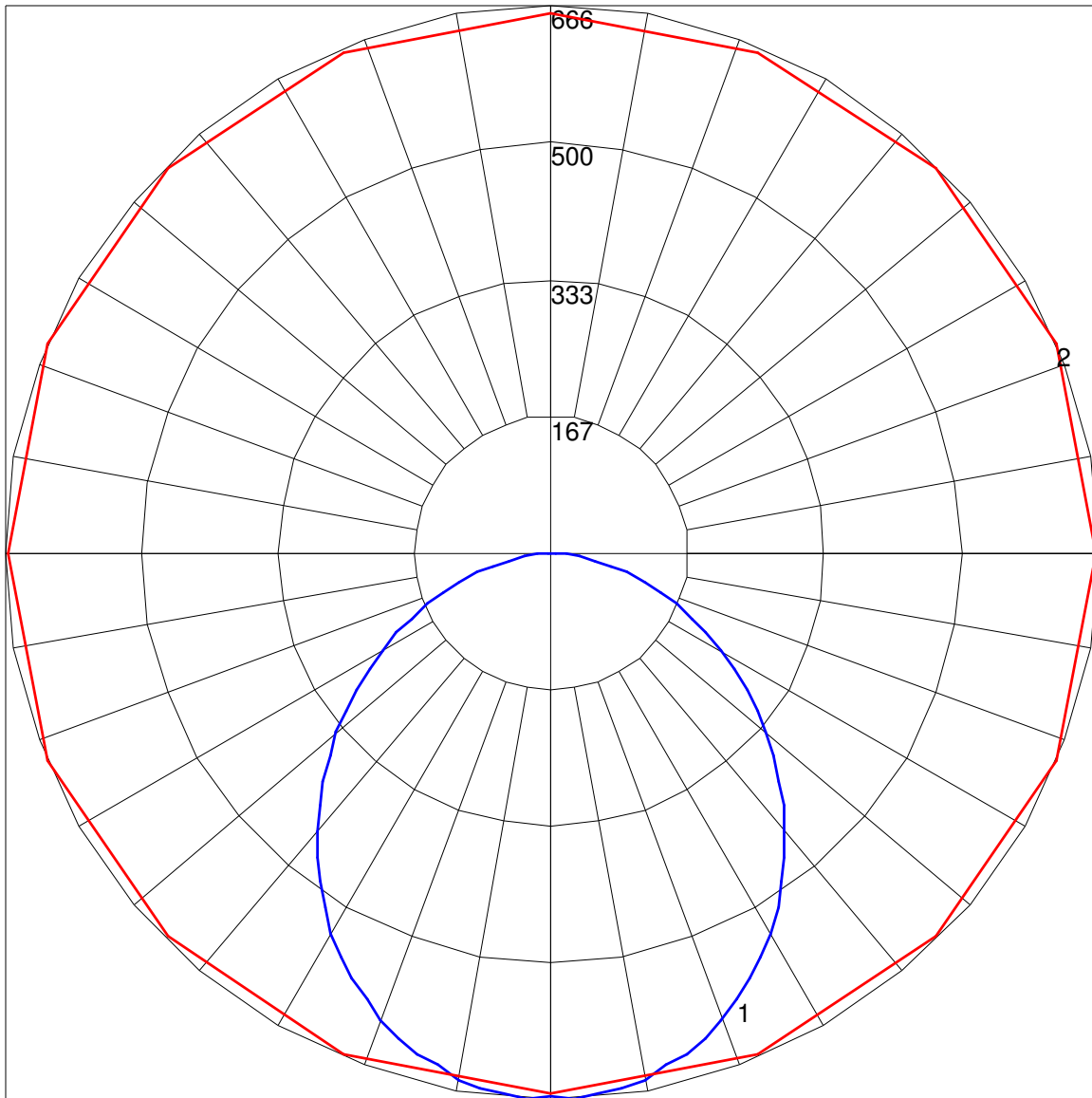
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	87	87	87	87	85	85	85	85	81	81	81	78	78	78	75	75	75	73
1	80	76	73	71	78	75	72	70	72	69	67	69	67	65	66	65	63	62
2	73	67	62	58	71	65	61	57	63	59	56	61	57	55	58	56	53	52
3	66	59	53	48	65	58	52	48	56	51	47	54	50	46	52	48	45	44
4	61	52	46	41	59	51	45	41	49	44	40	48	43	40	46	42	39	38
5	56	47	40	36	54	46	40	35	44	39	35	43	38	35	42	37	34	33
6	52	42	36	31	50	41	35	31	40	35	31	39	34	30	38	33	30	29
7	48	38	32	27	47	38	32	27	37	31	27	35	31	27	34	30	27	25
8	45	35	29	25	44	34	29	24	33	28	24	33	28	24	32	27	24	23
9	42	32	26	22	41	32	26	22	31	26	22	30	25	22	29	25	22	20
10	39	30	24	20	38	29	24	20	29	23	20	28	23	20	27	23	20	18

POLAR GRAPH



Maximum Candela = 666 Located At Horizontal Angle = 22.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)