

Day-Brite

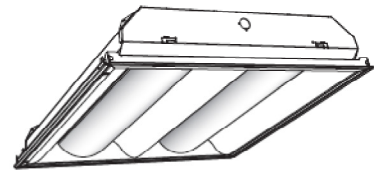
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25888.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 25888
[DATE] 01/05/2006
[LUMCAT] 2ATNG214-PMW-1/2-EB
[LUMINAIRE] DAY-BRITE 2X2 ATTUNE STANDARD DIST
[MORE] W/ROUND PERF & 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	1055
Total Luminaire Efficiency	44 %
Luminaire Efficacy Rating (LER)	32
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.12
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	1122	1371
55	809	1082	1160
65	568	856	916
75	408	581	655
85	147	220	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	452	452	452	452	452
2.5	451	453	451	450	447
5.0	448	450	449	447	445
7.5	442	445	444	443	442
10.0	436	439	439	439	438
12.5	430	433	436	439	432
15.0	420	423	424	426	427
17.5	409	411	415	419	419
20.0	396	400	404	409	412
22.5	385	387	393	400	401
25.0	367	372	379	387	390
27.5	350	356	365	373	378
30.0	334	340	350	365	369
32.5	318	323	333	349	354
35.0	299	306	317	334	339
37.5	281	287	300	317	331
40.0	262	269	286	307	328
42.5	243	249	268	301	320
45.0	223	230	248	292	303
47.5	204	211	233	275	270
50.0	183	192	222	244	238
52.5	164	173	209	213	218
55.0	145	155	194	193	208
57.5	124	137	169	180	193
60.0	107	121	144	167	164
62.5	90	104	125	140	141
65.0	75	90	113	118	121
67.5	62	76	94	101	104
70.0	51	61	76	83	85
72.5	41	50	61	67	69
75.0	33	38	47	52	53
77.5	24	28	35	37	38
80.0	16	20	23	24	24
82.5	9	13	13	13	12
85.0	4	6	6	4	3
87.5	1	2	1	1	0
90.0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	336.59	14.00	31.90
0-40	536.40	22.40	50.90
0-60	894.28	37.30	84.80
0-90	1054.52	43.90	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	1054.52	43.90	100.00

Total Luminaire Efficiency = 43.90%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	42.45
10-20	119.59
20-30	174.55
30-40	199.80
40-50	197.75
50-60	160.13
60-70	104.12
70-80	48.17
80-90	7.95
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

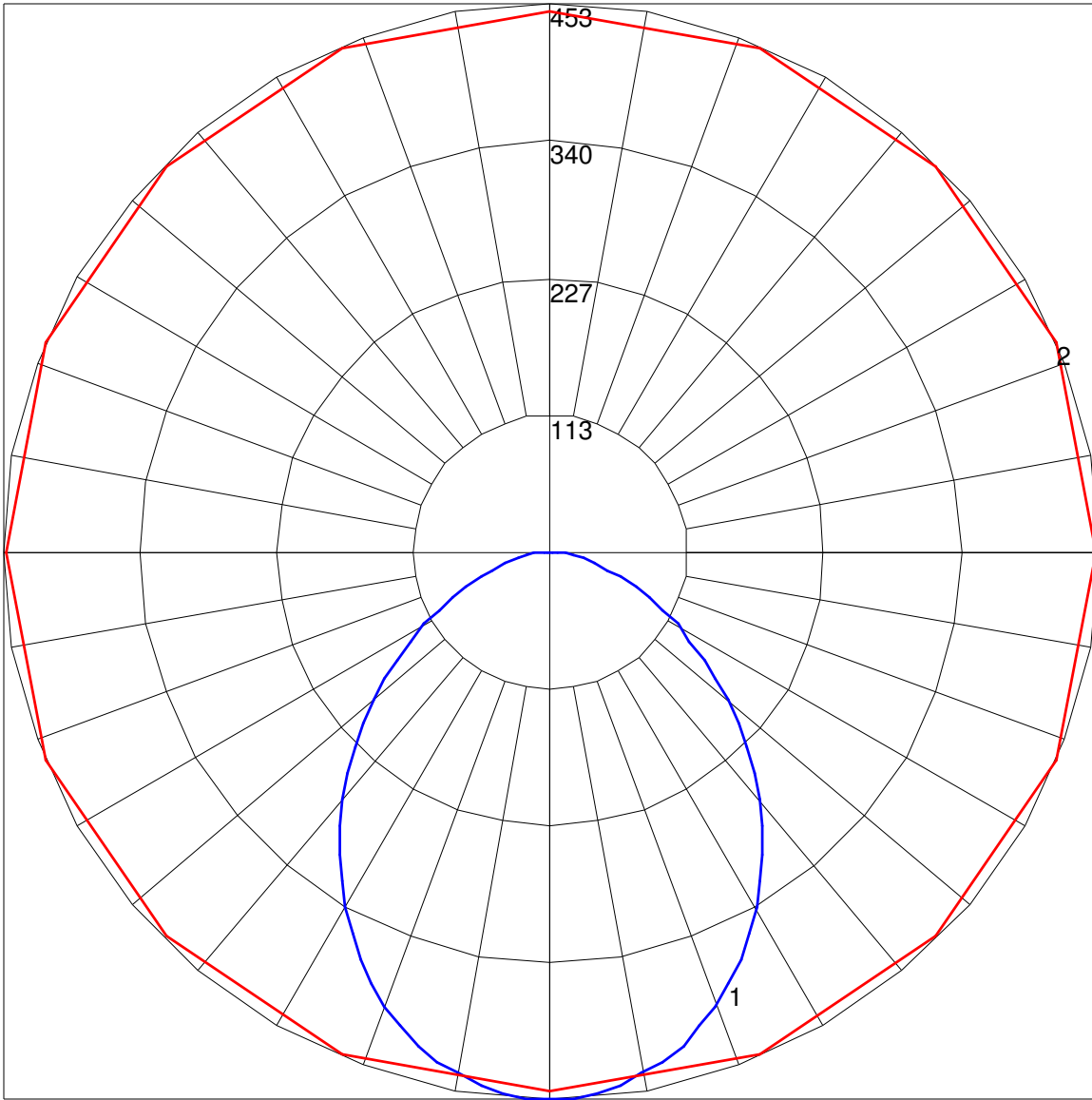
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	52	52	52	52	51	51	51	51	49	49	49	47	47	47	45	45	45	44	44
1	48	46	45	43	47	45	44	42	44	42	41	42	41	40	40	39	39	38	38
2	44	41	38	36	43	40	38	35	39	36	35	37	35	34	36	34	33	32	32
3	41	36	33	30	40	36	32	30	34	32	29	33	31	29	32	30	28	28	28
4	37	32	29	26	36	32	28	26	31	28	25	30	27	25	29	27	25	24	24
5	34	29	25	23	34	29	25	22	28	25	22	27	24	22	26	24	22	21	21
6	32	26	23	20	31	26	22	20	25	22	20	24	22	19	24	21	19	18	18
7	30	24	20	18	29	24	20	18	23	20	17	22	19	17	22	19	17	16	16
8	28	22	18	16	27	22	18	16	21	18	16	20	18	16	20	17	15	15	15
9	26	20	17	14	25	20	17	14	19	16	14	19	16	14	18	16	14	13	13
10	24	19	15	13	24	18	15	13	18	15	13	18	15	13	17	15	13	12	12

POLAR GRAPH



Maximum Candela = 453 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.)