

Day-Brite

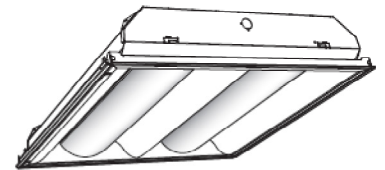
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25531.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 25531
[DATE] 07/29/2005
[LUMCAT] 2ATNG217-D-1/2-EB
[LUMINAIRE] DAY-BRITE 2X2 ATTUNE STANDARD DIST
[MORE] W/DIFFUSE DIFFUSER
[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] 8/10/2005
[_TEST_LEVEL]
[_TIFF_FILE_NAME]
[_VERSION] fo2ies 3.0d(90)
[OTHER] Reflection factor 0.95, Test distance = 26 ft.
[MORE] Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

Lumens Per Lamp	1325 (2 lamps)
Total Lamp Lumens	2650
Luminaire Lumens	2053
Total Luminaire Efficiency	77 %
Luminaire Efficacy Rating (LER)	52
Total Luminaire Watts	35
Ballast Factor	0.88
CIE Type	Direct
Spacing Criterion (0-180)	1.16
Spacing Criterion (90-270)	1.20
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	2145	2276	2317
55	1791	1969	1858
65	1423	1529	1098
75	1063	952	717
85	587	477	330

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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	902	902	902	902	902
2.5	905	905	899	898	898
5.0	901	900	894	894	893
7.5	893	893	887	887	887
10.0	884	883	878	878	879
12.5	870	872	866	865	866
15.0	855	854	851	851	853
17.5	835	836	834	835	838
20.0	813	814	814	816	819
22.5	788	790	792	796	799
25.0	760	768	765	772	776
27.5	731	735	741	748	752
30.0	696	700	708	716	721
32.5	664	671	680	690	694
35.0	630	636	647	658	665
37.5	590	599	613	623	629
40.0	552	561	578	589	589
42.5	514	523	542	551	551
45.0	474	485	503	512	512
47.5	435	445	465	474	474
50.0	396	407	427	433	431
52.5	356	370	388	394	388
55.0	321	332	353	351	333
57.5	284	296	315	301	282
60.0	252	263	280	251	231
62.5	218	231	242	204	185
65.0	188	199	202	162	145
67.5	160	169	165	129	116
70.0	131	143	130	103	92
72.5	107	118	101	81	73
75.0	86	94	77	62	58
77.5	64	71	57	47	44
80.0	46	50	40	33	32
82.5	29	32	25	21	19
85.0	16	16	13	10	9
87.5	6	6	4	3	3
90.0	1	1	1	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	678.41	25.60	33.10
0-40	1081.88	40.80	52.70
0-60	1769.64	66.80	86.20
0-90	2052.52	77.50	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	2052.52	77.50	100.00

Total Luminaire Efficiency = 77.50%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	85.04
10-20	240.24
20-30	353.14
30-40	403.48
40-50	384.11
50-60	303.64
60-70	183.41
70-80	82.25
80-90	17.21
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

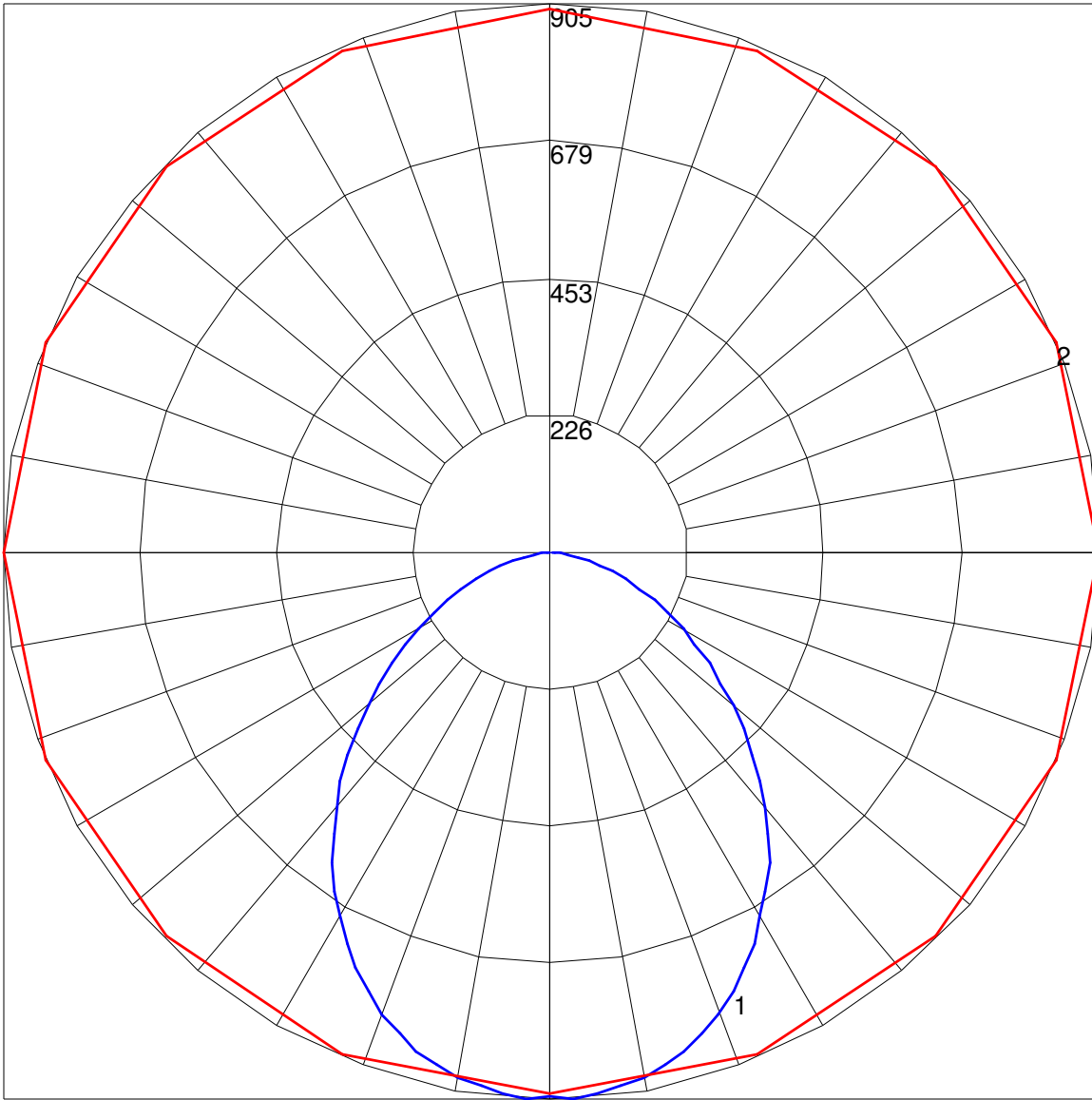
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	92	92	92	92	90	90	90	90	86	86	86	82	82	82	79	79	79	77
1	85	82	79	76	83	80	78	75	77	75	73	74	72	71	71	70	69	67
2	78	73	68	64	76	71	67	63	68	65	62	66	63	60	64	61	59	57
3	72	64	59	54	70	63	58	54	61	56	53	59	55	52	57	54	51	49
4	66	58	51	47	65	57	51	46	55	50	46	53	49	45	51	48	44	43
5	61	52	45	41	60	51	45	40	49	44	40	48	43	39	47	42	39	38
6	57	47	40	36	55	46	40	36	45	39	35	44	39	35	42	38	35	33
7	53	43	36	32	51	42	36	32	41	36	32	40	35	31	39	34	31	30
8	49	39	33	29	48	39	33	29	38	32	28	37	32	28	36	31	28	27
9	46	36	30	26	45	36	30	26	35	29	26	34	29	26	33	29	25	24
10	43	33	28	24	42	33	27	24	32	27	23	32	27	23	31	26	23	22

POLAR GRAPH



Maximum Candela = 905 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.)