

Day-Brite

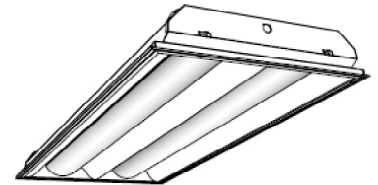
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25803.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 25803
[DATE] 11/14/2005
[LUMCAT] 2ATNG228-SMW-1/2-EB
[LUMINAIRE] DAY-BRITE 2X4 ATTUNE STANDARD DIST
[MORE] W/PERFORATED BASKET & OVERLAY
[LAMP] F28T5
[BALLAST] TRIAD B228PUNV-C
[MANUFAC] PHILIPS DAY-BRITE
[TESTLAB] PHILIPS DAY-BRITE PHOTOMETRIC LABORATORY, TUPELO, MS
[MORE] NVLAP LABORATORY CODE 200016-0
[ISSUEDATE] 11/14/2005
[_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	2600 (2 lamps)
Total Lamp Lumens	5200
Luminaire Lumens	2383
Total Luminaire Efficiency	46 %
Luminaire Efficacy Rating (LER)	38
Total Luminaire Watts	63
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.83 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	1283	1210	1179
55	1251	1161	1080
65	1195	1050	938
75	1094	840	674
85	720	263	158

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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	869	869	869	869	869
2.5	877	875	869	860	854
5.0	874	872	866	857	850
7.5	869	867	860	851	844
10.0	862	860	853	844	836
12.5	854	852	844	832	825
15.0	845	841	833	822	815
17.5	832	828	819	807	800
20.0	819	814	804	791	784
22.5	797	794	783	764	756
25.0	786	780	767	750	740
27.5	765	759	747	730	720
30.0	745	738	723	707	699
32.5	722	717	698	684	677
35.0	701	692	672	659	651
37.5	676	664	645	632	624
40.0	649	637	617	606	596
42.5	622	608	588	574	570
45.0	593	580	559	548	545
47.5	563	548	528	520	509
50.0	532	518	496	485	476
52.5	502	485	467	450	439
55.0	469	451	435	412	405
57.5	436	417	398	378	370
60.0	403	382	361	341	334
62.5	366	347	325	306	297
65.0	330	311	290	268	259
67.5	294	277	254	232	222
70.0	257	244	215	193	183
72.5	222	205	177	156	149
75.0	185	168	142	121	114
77.5	148	133	106	87	81
80.0	111	97	70	55	50
82.5	76	62	40	30	26
85.0	41	30	15	11	9
87.5	13	8	4	2	2
90.0	1	1	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	668.60	12.90	28.10
0-40	1090.38	21.00	45.70
0-60	1912.07	36.80	80.20
0-90	2383.38	45.80	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	2383.38	45.80	100.00

Total Luminaire Efficiency = 45.80%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	82.08
10-20	234.43
20-30	352.09
30-40	421.79
40-50	434.21
50-60	387.47
60-70	287.95
70-80	153.62
80-90	29.73
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

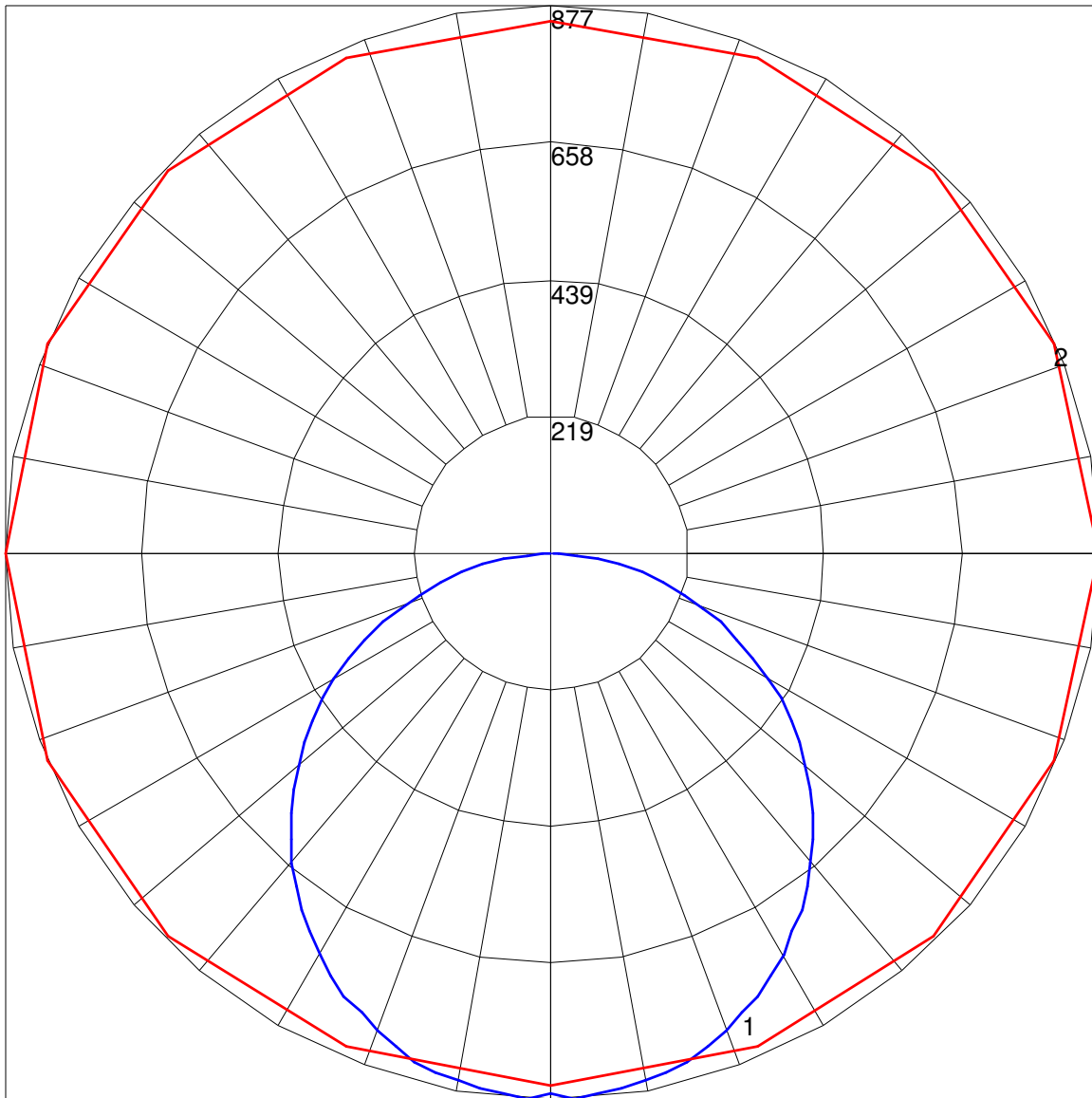
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	55	55	55	55	53	53	53	53	51	51	51	49	49	49	47	47	47	46
1	50	48	46	44	49	47	45	44	45	43	42	43	42	41	41	41	40	39
2	45	42	39	36	44	41	38	36	39	37	35	38	36	34	36	35	33	32
3	41	37	33	30	40	36	33	30	35	32	29	33	31	29	32	30	28	27
4	38	33	29	25	37	32	28	25	31	28	25	30	27	25	29	26	24	23
5	35	29	25	22	34	29	25	22	28	24	22	27	24	21	26	23	21	20
6	32	26	22	19	31	26	22	19	25	21	19	24	21	19	23	21	19	18
7	30	24	20	17	29	23	20	17	23	19	17	22	19	17	21	19	16	16
8	28	22	18	15	27	21	18	15	21	17	15	20	17	15	20	17	15	14
9	26	20	16	14	25	20	16	14	19	16	13	19	16	13	18	15	13	13
10	24	18	15	12	24	18	15	12	18	14	12	17	14	12	17	14	12	11

POLAR GRAPH



Maximum Candela = 877 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.)