

Day-Brite

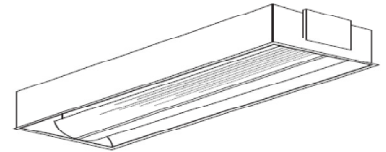
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 26733.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 26733
[DATE] 04/05/2007
[LUMCAT] 1AVG232-SPMW-1/2-EB
[LUMINAIRE] DAY-BRITE 1X4 ARIOSO SPLIT BASKET
[LAMP] F32T8
[BALLAST] QUICKTRONIC QTP2X32T8/UNV ISN-SC
[MANUFAC] PHILIPS DAY-BRITE
[TESTLAB] PHILIPS DAY-BRITE PHOTOMETRIC LABORATORY, TUPELO, MS
[MORE] NVLAP LABORATORY CODE 200016-0
[ISSUEDATE] 4/5/2007
[_TEST_LEVEL]
[_TIFF_FILE_NAME]
[_VERSION] fo2ies 3.0d(90)
[OTHER] Reflection factor 0.92, Test distance = 26 ft.
[MORE] Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

Lumens Per Lamp	2850 (2 lamps)
Total Lamp Lumens	5700
Luminaire Lumens	3000
Total Luminaire Efficiency	53 %
Luminaire Efficacy Rating (LER)	45
Total Luminaire Watts	59
Ballast Factor	0.88
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.00 ft
Luminous Height	0.00 ft



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 26733.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2905	2920	2525
55	2873	2470	1870
65	2812	1667	1546
75	2649	1350	1288
85	1974	987	895

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 26733.IES**

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1100	1100	1100	1100	1100
2.5	1103	1104	1103	1095	1089
5.0	1100	1101	1100	1093	1087
7.5	1095	1100	1096	1090	1084
10.0	1088	1090	1092	1086	1080
12.5	1080	1084	1087	1084	1078
15.0	1066	1069	1073	1072	1067
17.5	1052	1056	1061	1061	1057
20.0	1034	1039	1047	1049	1046
22.5	1017	1022	1032	1033	1031
25.0	995	1005	1017	1020	1016
27.5	973	983	997	998	995
30.0	947	957	973	975	969
32.5	921	931	950	945	939
35.0	893	905	922	911	897
37.5	862	877	891	870	850
40.0	830	846	856	816	789
42.5	800	813	821	759	728
45.0	764	780	768	697	664
47.5	726	744	716	627	595
50.0	689	709	659	560	528
52.5	651	668	593	494	462
55.0	613	624	527	429	399
57.5	574	581	462	368	343
60.0	531	533	396	313	307
62.5	487	478	327	280	275
65.0	442	416	262	247	243
67.5	400	352	225	216	214
70.0	352	284	192	185	182
72.5	303	222	160	155	153
75.0	255	160	130	126	124
77.5	206	113	103	99	96
80.0	157	85	76	73	72
82.5	108	61	53	49	48
85.0	64	39	32	29	29
87.5	30	22	17	14	13
90.0	13	13	5	2	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 26733.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	872.78	15.30	29.10
0-40	1439.61	25.30	48.00
0-60	2475.63	43.40	82.50
0-90	2999.85	52.60	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	2999.85	52.60	100.00

Total Luminaire Efficiency = 52.60%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	104.45
10-20	302.47
20-30	465.86
30-40	566.83
40-50	568.82
50-60	467.21
60-70	316.98
70-80	163.06
80-90	44.18
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

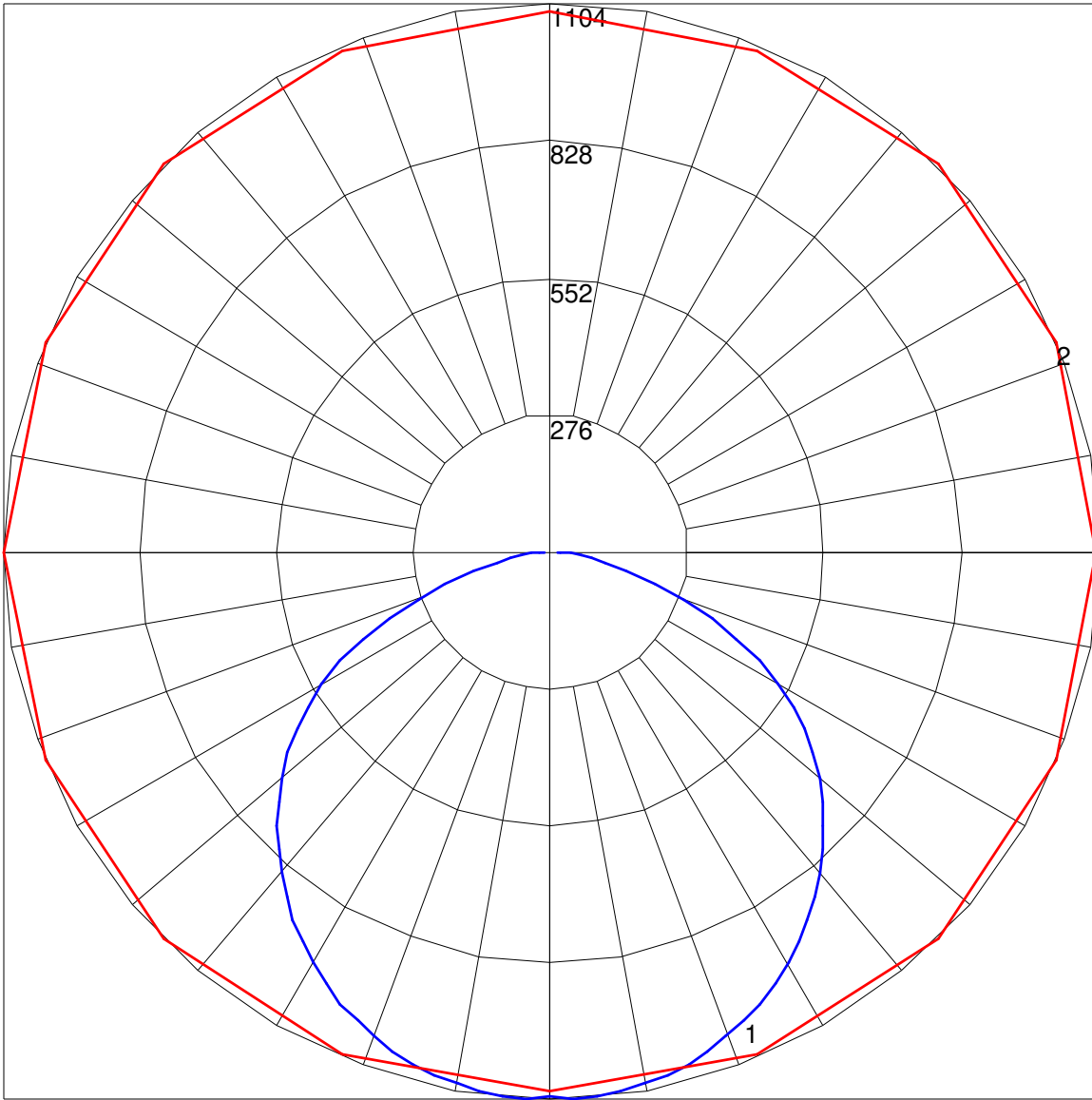
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 26733.IES

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	
0	63	63	63	63	61	61	61	61	58	58	58	56	56	56	54	54	54	53
1	58	55	53	51	56	54	52	50	52	50	49	50	48	47	48	47	46	45
2	53	48	45	42	51	47	44	42	46	43	41	44	42	40	42	40	39	38
3	48	43	39	35	47	42	38	35	40	37	34	39	36	34	38	35	33	32
4	44	38	33	30	43	37	33	30	36	32	29	35	32	29	34	31	29	27
5	41	34	29	26	39	33	29	26	32	28	26	31	28	25	30	27	25	24
6	38	31	26	23	37	30	26	23	29	25	22	28	25	22	27	24	22	21
7	35	28	23	20	34	27	23	20	27	23	20	26	22	20	25	22	20	19
8	32	25	21	18	32	25	21	18	24	20	18	24	20	18	23	20	18	17
9	30	23	19	16	30	23	19	16	22	19	16	22	18	16	21	18	16	15
10	28	21	17	15	28	21	17	15	21	17	15	20	17	14	20	17	14	14

POLAR GRAPH



Maximum Candela = 1104 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.)