

Day-Brite

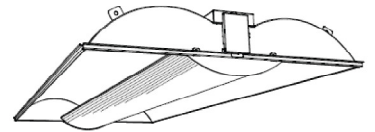
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27602.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 27602
[DATE] 07/28/2008
[LUMCAT] 2AVDG354HO-PMW-EB
[LUMINAIRE] DAY-BRITE 2X4 ARIOSO MID-DEPTH SEMI-RECESSED
[MORE] W/ PERF
[LAMP] F54T5HO
[BALLAST] TRIAD B254PUNV-C
[MANUFAC] PHILIPS DAY-BRITE
[TESTLAB] PHILIPS DAY-BRITE PHOTOMETRIC LABORATORY, TUPELO, MS
[MORE] NVLAP LABORATORY CODE 200016-0
[ISSUE DATE] 7/30/2008
[_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	4400 (3 lamps)
Total Lamp Lumens	13200
Luminaire Lumens	9006
Total Luminaire Efficiency	68 %
Luminaire Efficacy Rating (LER)	53
Total Luminaire Watts	169
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	2.00 ft
Luminous Height	0.08 ft



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27602.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3499	3780	3973
55	3193	3754	4077
65	2749	3734	4097
75	2241	3415	3830
85	1308	1189	1682

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27602.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	2941	2941	2941	2941	2941
2.5	2930	2961	2961	2931	2896
5.0	2917	2953	2952	2922	2888
7.5	2902	2936	2936	2909	2878
10.0	2877	2911	2915	2890	2860
12.5	2847	2879	2890	2867	2838
15.0	2809	2840	2855	2838	2812
17.5	2763	2799	2815	2802	2779
20.0	2714	2746	2772	2765	2749
22.5	2658	2691	2725	2723	2706
25.0	2596	2636	2670	2677	2665
27.5	2523	2562	2609	2626	2619
30.0	2449	2492	2547	2576	2569
32.5	2367	2412	2480	2516	2511
35.0	2281	2329	2406	2450	2451
37.5	2187	2242	2329	2385	2389
40.0	2087	2149	2250	2313	2320
42.5	1985	2053	2160	2240	2252
45.0	1879	1951	2076	2161	2177
47.5	1763	1845	1984	2081	2097
50.0	1645	1736	1890	1996	2019
52.5	1523	1629	1798	1904	1932
55.0	1403	1511	1703	1816	1843
57.5	1273	1401	1603	1723	1747
60.0	1150	1286	1502	1620	1637
62.5	1024	1172	1392	1501	1522
65.0	903	1062	1285	1380	1403
67.5	788	950	1161	1255	1275
70.0	675	840	1036	1117	1145
72.5	569	733	910	986	1004
75.0	465	629	766	839	852
77.5	362	522	628	684	669
80.0	265	398	484	427	381
82.5	180	284	259	229	237
85.0	105	154	116	146	161
87.5	44	37	57	89	101
90.0	8	6	25	44	54

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27602.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2302.15	17.40	25.60
0-40	3796.78	28.80	42.20
0-60	6867.79	52.00	76.30
0-90	9006.31	68.20	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	9006.31	68.20	100.00

Total Luminaire Efficiency = 68.20%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	278.77
10-20	800.64
20-30	1222.74
30-40	1494.63
40-50	1584.35
50-60	1486.67
60-70	1204.77
70-80	753.28
80-90	180.47
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

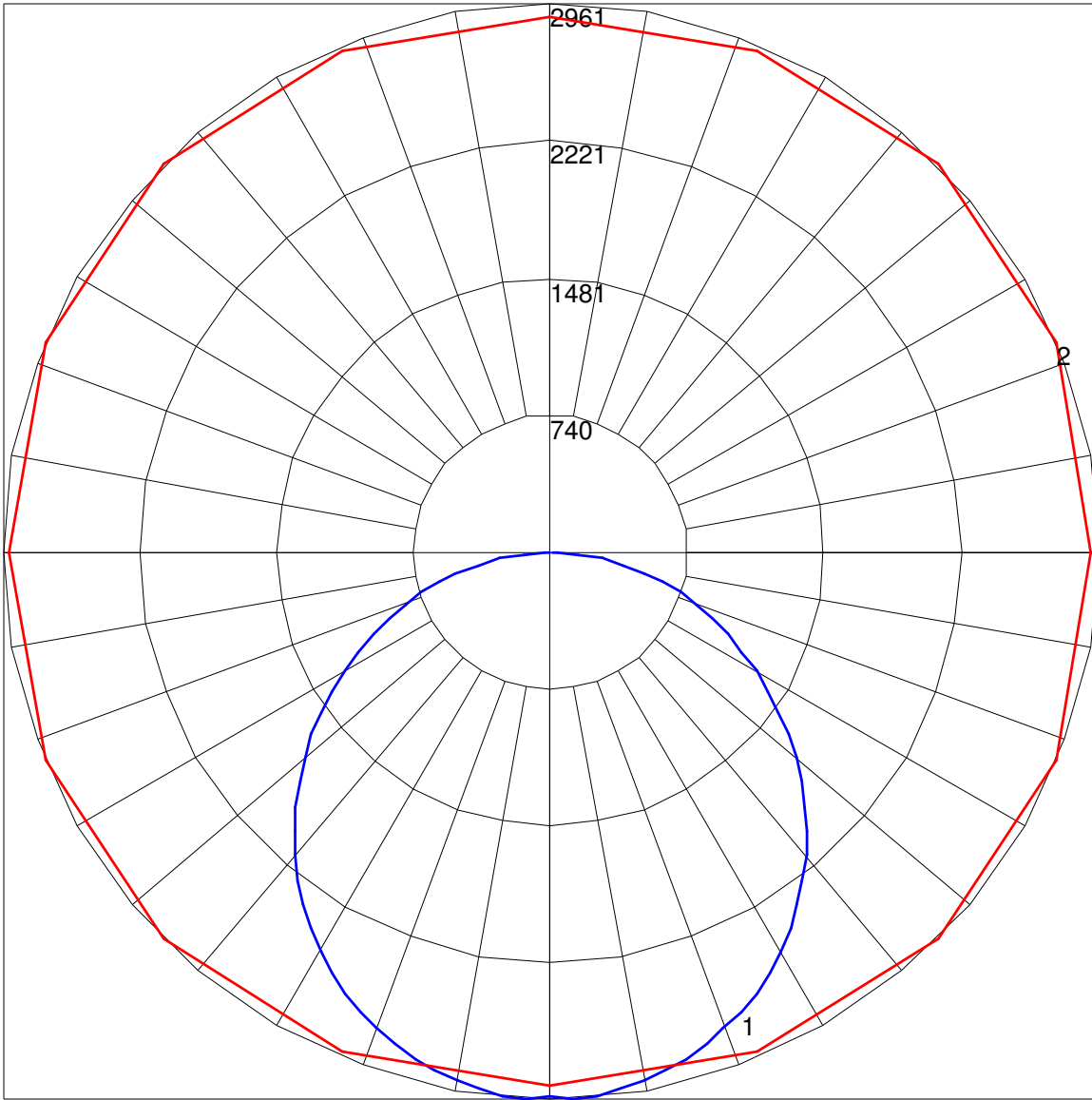
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27602.IES

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	10	0
0	81	81	81	81	79	79	79	79	76	76	76	73	73	73	70	70	70	68
1	74	70	67	65	72	69	66	64	66	64	62	63	61	60	61	59	58	56
2	67	61	56	52	65	60	55	51	57	53	50	55	52	49	53	50	48	46
3	61	53	48	43	59	52	47	43	50	46	42	48	44	41	46	43	40	39
4	55	47	41	36	54	46	40	36	44	39	35	43	38	35	41	37	34	33
5	51	42	36	31	49	41	35	31	40	34	30	38	34	30	37	33	30	28
6	47	38	31	27	46	37	31	27	36	30	26	35	30	26	33	29	26	25
7	43	34	28	24	42	33	28	24	32	27	23	31	27	23	30	26	23	22
8	40	31	25	21	39	31	25	21	30	24	21	29	24	21	28	24	21	19
9	38	28	23	19	37	28	23	19	27	22	19	26	22	19	26	22	18	17
10	35	26	21	17	35	26	21	17	25	20	17	25	20	17	24	20	17	16

POLAR GRAPH



Maximum Candela = 2961 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.)