

Day-Brite

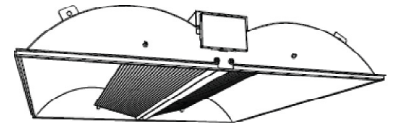
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27580.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 27580
[DATE] 07/17/2008
[LUMCAT] 2AVEG214-FGL-EB
[LUMINAIRE] DAY-BRITE 2X2 ARIOSO ESSENCE GLASS
[MORE] FULL RECESSED
[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] 7/21/2008
[_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	1200 (2 lamps)
Total Lamp Lumens	2400
Luminaire Lumens	1574
Total Luminaire Efficiency	66 %
Luminaire Efficacy Rating (LER)	46
Total Luminaire Watts	34
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.00 ft
Luminous Width (90-270)	2.00 ft
Luminous Height	0.00 ft



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27580.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1316	1399	1456
55	1233	1359	1416
65	1120	1298	1380
75	945	1153	956
85	648	679	586

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27580.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	562	562	562	562	562
2.5	562	561	561	561	562
5.0	560	558	559	559	561
7.5	556	555	555	556	558
10.0	550	549	550	551	553
12.5	545	544	544	546	548
15.0	535	535	536	538	540
17.5	526	526	527	530	531
20.0	515	515	517	520	522
22.5	503	503	506	509	512
25.0	489	490	494	497	500
27.5	475	476	480	485	489
30.0	461	461	465	472	476
32.5	443	444	449	458	464
35.0	424	427	434	444	451
37.5	406	408	418	429	437
40.0	386	390	402	413	420
42.5	367	371	389	397	406
45.0	346	350	368	379	383
47.5	326	333	351	360	362
50.0	306	313	331	339	342
52.5	286	292	311	318	323
55.0	263	272	290	298	302
57.5	241	251	268	278	283
60.0	221	231	246	257	262
62.5	197	210	224	236	240
65.0	176	189	204	215	217
67.5	155	167	182	191	191
70.0	133	146	160	164	161
72.5	111	122	137	132	126
75.0	91	101	111	101	92
77.5	71	80	83	71	70
80.0	52	58	57	53	53
82.5	35	38	37	37	35
85.0	21	21	22	19	19
87.5	11	10	9	7	6
90.0	4	2	1	1	1

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27580.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	432.16	18.00	27.50
0-40	704.67	29.40	44.80
0-60	1242.49	51.80	78.90
0-90	1574.09	65.60	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	1574.09	65.60	100.00

Total Luminaire Efficiency = 65.60%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	53.10
10-20	151.43
20-30	227.63
30-40	272.51
40-50	282.38
50-60	255.44
60-70	198.10
70-80	107.86
80-90	25.64
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

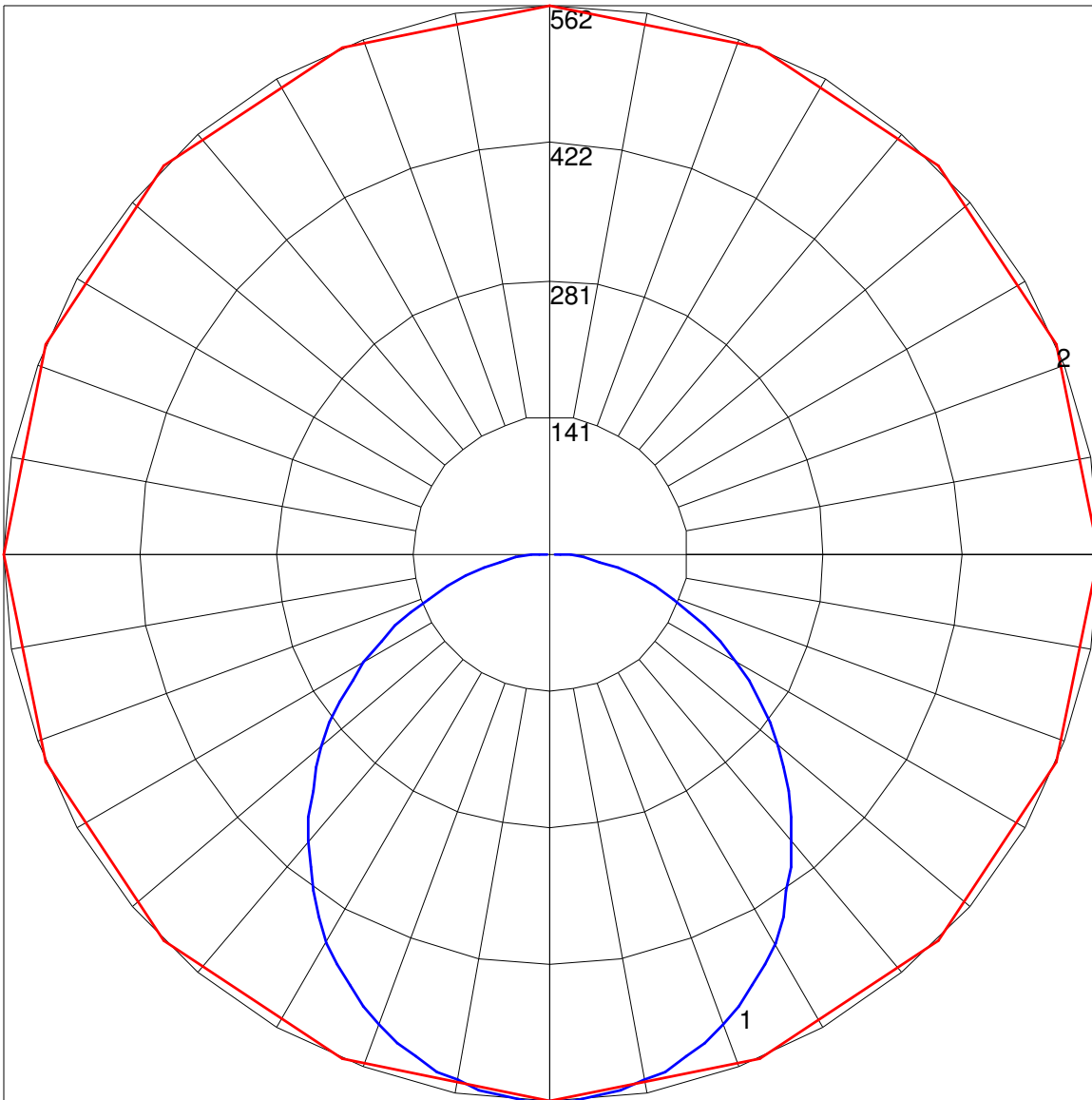
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 27580.IES

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	78	78	78	78	76	76	76	76	73	73	73	70	70	70	67	67	67	66
1	71	68	65	63	70	67	64	62	64	62	60	61	60	58	59	58	56	55
2	65	59	55	51	63	58	54	51	56	52	49	54	51	48	52	49	47	46
3	59	52	47	42	57	51	46	42	49	45	41	47	44	41	46	43	40	38
4	54	46	40	36	53	45	40	36	44	39	35	42	38	35	41	37	34	33
5	50	41	35	31	48	40	35	31	39	34	30	38	33	30	37	33	30	28
6	46	37	31	27	45	36	31	27	35	30	27	34	30	26	33	29	26	25
7	43	34	28	24	41	33	28	24	32	27	24	31	27	23	30	26	23	22
8	40	31	25	21	39	30	25	21	29	24	21	29	24	21	28	24	21	20
9	37	28	23	19	36	28	23	19	27	22	19	26	22	19	26	22	19	18
10	35	26	21	17	34	26	21	17	25	20	17	24	20	17	24	20	17	16

POLAR GRAPH



Maximum Candela = 562 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)