

Day-Brite

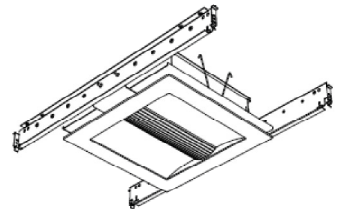
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 28447.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 28447
[TESTDATE] 08/06/2009
[LUMCAT] 1STB126PLT-D-1/1-EB
[LUMINAIRE] DAY-BRITE 1X1 SOFTRACE W/DIFFUSE DIFFUSER
[LAMP] CFT26W
[BALLAST] TRIAD C2642UNVSE
[MANUFAC] PHILIPS DAY-BRITE
[TESTLAB] PHILIPS DAY-BRITE PHOTOMETRIC LABORATORY, TUPELO, MS
[MORE] NVLAP LABORATORY CODE 200016-0
[ISSUEDATE] 8/12/2009
[_TEST_LEVEL]
[_TIFF_FILE_NAME]
[_VERSION] fo2ies 3.0d(90)
[OTHER]Test distance = 30 ft.
[MORE]Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

Lumens Per Lamp	1800 (1 lamp)
Total Lamp Lumens	1800
Luminaire Lumens	1297
Total Luminaire Efficiency	72 %
Luminaire Efficacy Rating (LER)	44
Total Luminaire Watts	30
Ballast Factor	1.02
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.81 ft
Luminous Width (90-270)	0.81 ft
Luminous Height	0.00 ft



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 28447.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6773	6911	7072
55	6305	6532	6703
65	5666	6013	6283
75	4595	5224	5602
85	2804	3738	4486

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 28447.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	477	477	477	477	477
2.5	476	477	477	476	476
5.0	475	475	475	475	474
7.5	471	472	472	472	472
10.0	466	468	467	468	468
12.5	460	462	462	463	463
15.0	454	454	454	457	456
17.5	444	446	447	449	449
20.0	435	436	438	440	441
22.5	425	427	428	431	431
25.0	413	416	417	420	421
27.5	400	403	405	408	410
30.0	388	390	392	396	397
32.5	372	375	378	383	382
35.0	359	360	363	367	369
37.5	342	347	350	353	355
40.0	326	330	333	337	340
42.5	310	314	316	322	324
45.0	294	295	300	305	307
47.5	276	279	281	288	290
50.0	257	262	265	271	271
52.5	239	243	247	252	254
55.0	222	225	230	234	236
57.5	203	207	211	216	217
60.0	186	188	191	197	198
62.5	165	171	174	180	181
65.0	147	151	156	162	163
67.5	129	132	137	142	146
70.0	110	115	119	123	125
72.5	92	97	100	105	107
75.0	73	79	83	88	89
77.5	58	62	65	70	71
80.0	41	46	51	52	54
82.5	27	32	33	36	39
85.0	15	19	20	23	24
87.5	9	11	14	16	15
90.0	5	6	7	7	7

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 28447.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	365.66	20.30	28.20
0-40	593.34	33.00	45.70
0-60	1029.77	57.20	79.40
0-90	1297.36	72.10	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	1297.36	72.10	100.00

Total Luminaire Efficiency = 72.10%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	45.09
10-20	128.34
20-30	192.23
30-40	227.68
40-50	231.52
50-60	204.91
60-70	154.12
70-80	87.64
80-90	25.84
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

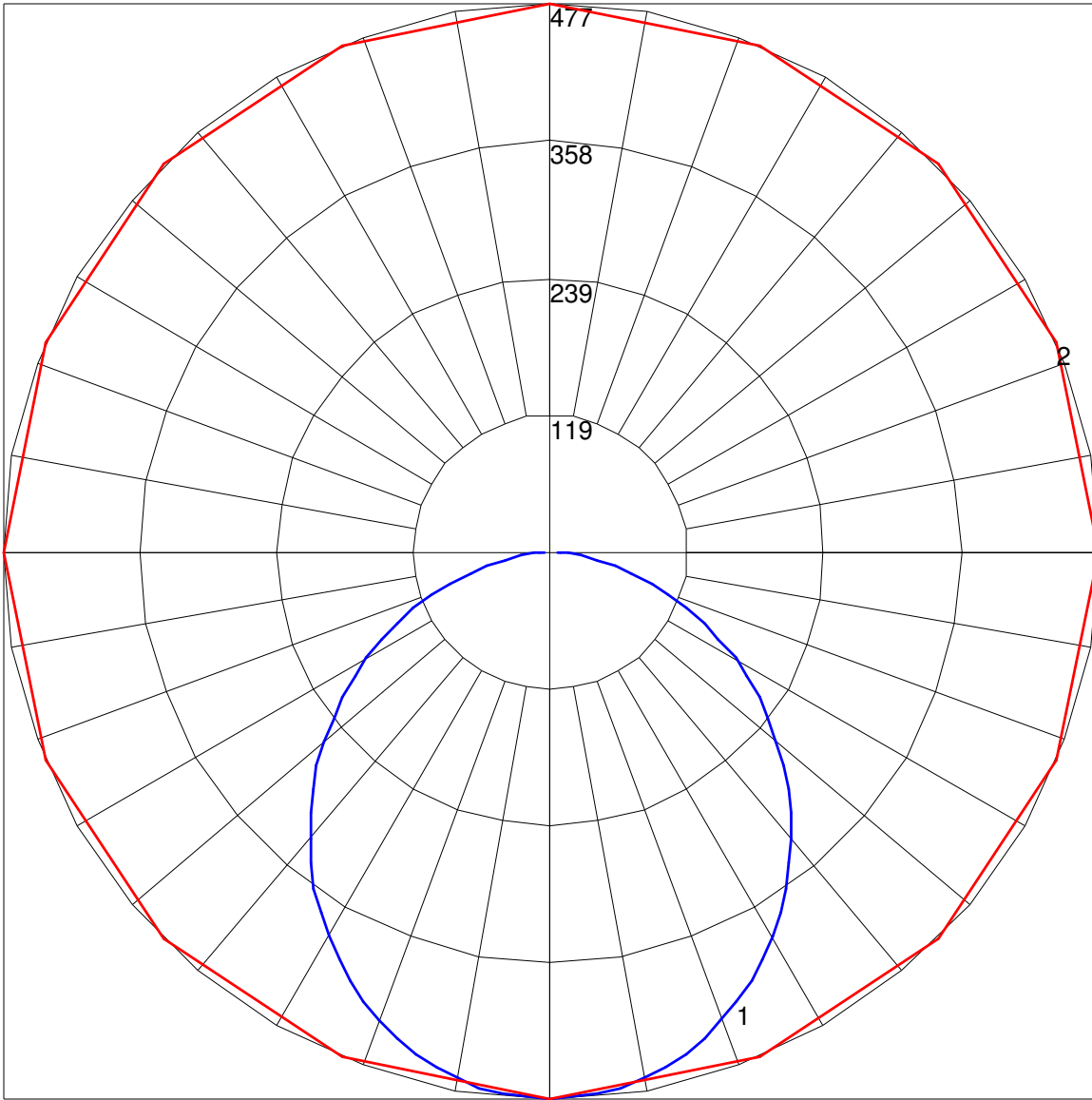
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 28447.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	86	86	86	86	84	84	84	84	80	80	80	77	77	77	74	74	74	72
1	78	75	72	69	76	73	71	68	70	68	66	67	66	64	65	63	62	60
2	71	65	60	56	69	64	60	56	61	58	54	59	56	53	57	54	52	50
3	65	57	52	47	63	56	51	46	54	50	46	52	48	45	50	47	44	43
4	60	51	45	40	58	50	44	40	48	43	39	47	42	38	45	41	38	36
5	55	46	39	34	53	45	39	34	43	38	34	42	37	33	40	36	33	31
6	51	41	35	30	49	40	34	30	39	34	30	38	33	29	37	32	29	28
7	47	37	31	27	46	37	31	26	36	30	26	35	30	26	34	29	26	24
8	44	34	28	24	43	34	28	24	33	27	23	32	27	23	31	26	23	22
9	41	31	25	21	40	31	25	21	30	25	21	29	24	21	28	24	21	20
10	38	29	23	19	37	28	23	19	28	23	19	27	22	19	26	22	19	18

POLAR GRAPH



Maximum Candela = 477 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.)