

Day-Brite

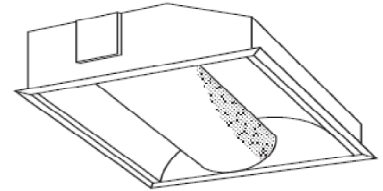
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 21380.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 21380
[DATE] 10/20/2000
[LUMCAT] 1AVG2CF18-PMW-1/2-EB
[LUMINAIRE] DAY-BRITE 1X1 RECESSED ARIOSO DIRECT/INDIRECT
[MORE] W/ PERFORATED LAMP COVER & OVERLAY
[LAMP] F18BX
[BALLAST] ROBERTSON RED218TT120
[MANUFAC] PHILIPS DAY-BRITE
[_TIFF_FILE_NAME]
[_VERSION] fo2ies 2.0y
[OTHER] Reflection factor 0.90, Test distance = 26 ft.
[MORE] Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

Lumens Per Lamp	1250 (2 lamps)
Total Lamp Lumens	2500
Luminaire Lumens	1084
Total Luminaire Efficiency	43 %
Luminaire Efficacy Rating (LER)	28
Total Luminaire Watts	39
Ballast Factor	0.99
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.00 ft
Luminous Width (90-270)	1.00 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3665	4061	4076
55	3244	3581	3469
65	2672	2850	3257
75	2036	2493	2825
85	1357	1604	1851

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 21380.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	414	414	414	414	414
2.5	414	413	414	414	415
5.0	412	411	413	413	414
7.5	409	408	410	412	412
10.0	404	403	407	409	411
12.5	398	398	402	407	408
15.0	391	391	397	402	405
17.5	383	385	391	397	401
20.0	374	376	384	392	396
22.5	364	367	376	386	391
25.0	353	357	369	379	385
27.5	339	346	358	371	376
30.0	329	335	350	361	365
32.5	316	323	339	351	355
35.0	303	310	327	337	342
37.5	287	296	314	321	325
40.0	273	282	300	306	308
42.5	258	267	284	287	290
45.0	241	253	267	268	268
47.5	225	237	249	248	248
50.0	207	221	230	228	228
52.5	190	203	210	206	205
55.0	173	186	191	186	185
57.5	155	167	168	165	169
60.0	137	149	149	151	157
62.5	121	130	130	138	142
65.0	105	112	112	124	128
67.5	88	94	99	110	113
70.0	75	78	87	95	98
72.5	62	64	73	81	83
75.0	49	50	60	65	68
77.5	38	39	47	52	53
80.0	27	29	35	39	40
82.5	18	21	24	26	26
85.0	11	12	13	14	15
87.5	4	5	5	6	6
90.0	2	1	1	1	1

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 21380.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	320.83	12.80	29.60
0-40	523.06	20.90	48.30
0-60	889.49	35.60	82.10
0-90	1083.65	43.30	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	1083.65	43.30	100.00

Total Luminaire Efficiency = 43.30%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	39.19
10-20	112.08
20-30	169.55
30-40	202.23
40-50	200.73
50-60	165.70
60-70	115.54
70-80	62.54
80-90	16.08
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

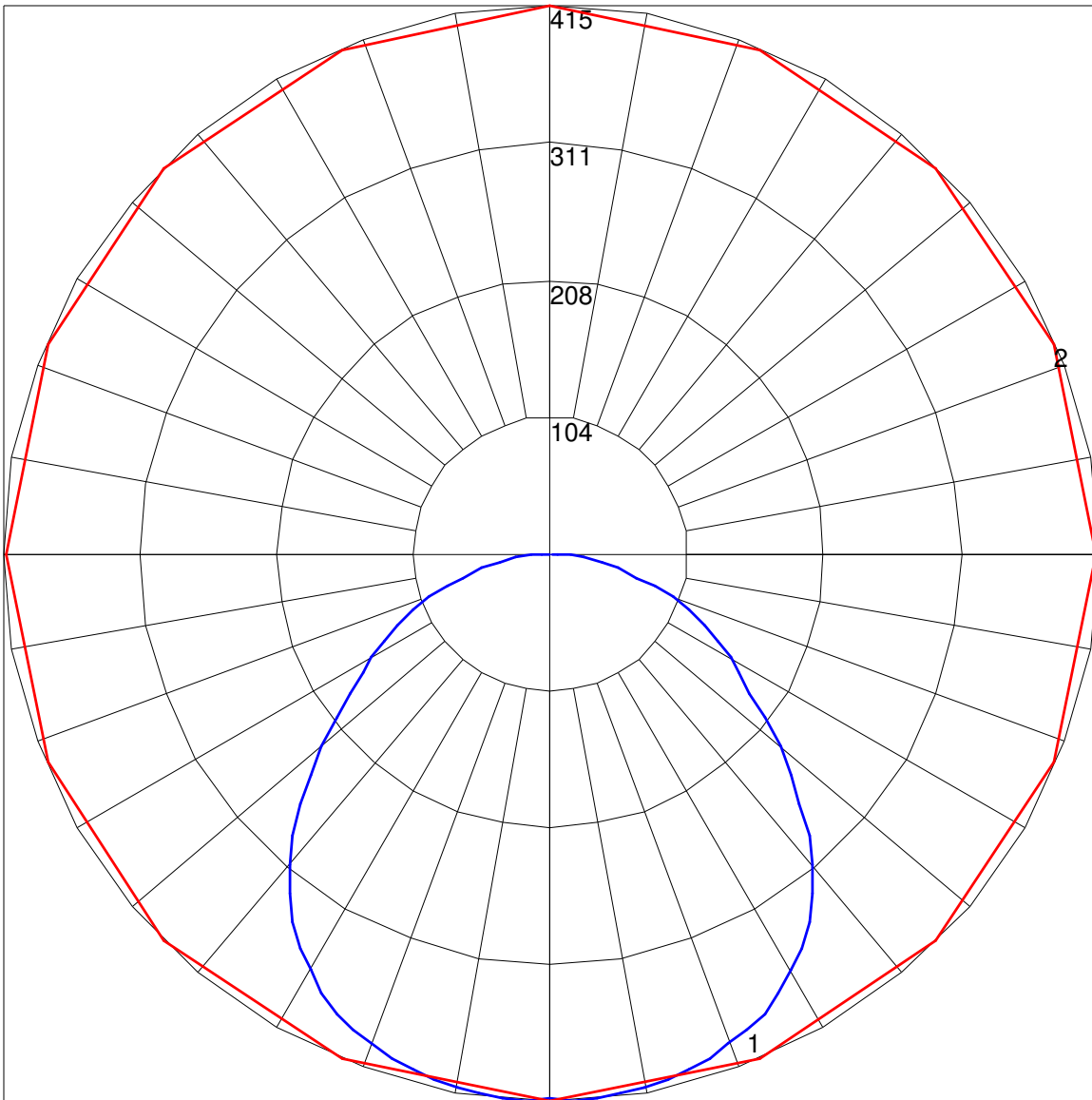
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 21380.IES

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	52	52	52	52	50	50	50	50	48	48	48	46	46	46	44	44	44	43	43
1	47	45	44	42	46	44	43	41	43	41	40	41	40	39	39	38	38	37	37
2	43	40	37	35	42	39	36	34	37	35	33	36	34	33	35	33	32	31	31
3	40	35	32	29	38	34	31	29	33	30	28	32	30	28	31	29	27	26	26
4	36	31	28	25	35	31	27	25	30	27	24	29	26	24	28	25	24	23	23
5	33	28	24	21	33	28	24	21	27	23	21	26	23	21	25	23	21	20	20
6	31	25	21	19	30	25	21	19	24	21	18	23	21	18	23	20	18	17	17
7	29	23	19	17	28	23	19	17	22	19	16	21	18	16	21	18	16	15	15
8	27	21	17	15	26	21	17	15	20	17	15	20	17	15	19	16	15	14	14
9	25	19	16	13	24	19	16	13	19	15	13	18	15	13	18	15	13	12	12
10	23	18	14	12	23	18	14	12	17	14	12	17	14	12	16	14	12	11	11

POLAR GRAPH



Maximum Candela = 415 Located At Horizontal Angle = 90, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)