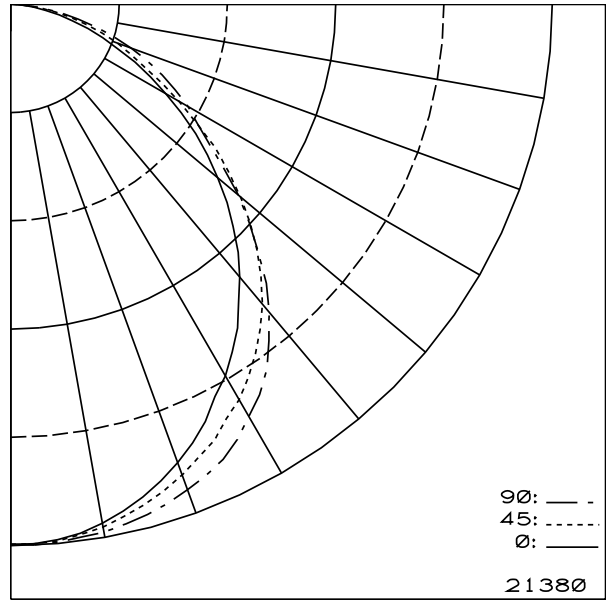
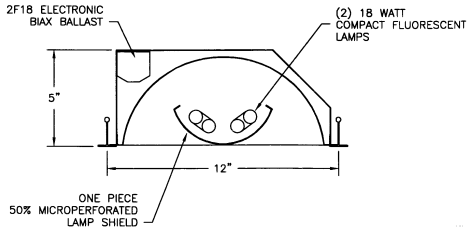


Day-Brite Lighting Photometric Data
 Test # 21380 (Rep Gen v4.0)
 IES File 21380.IES, printed on 2/22/2010



TEST DATE 10/20/2000
 Reflection factor 0.90, Test distance = 26
 ft. Shielding angle: normal 90, Parallel 90
 CAT NO.: 1AVG2CF-18-PMW-1/2-EB
 DESCRIPTION: 1X1 RECESSED ARIOSO DIR/IND W/
 PERFORATED LAMP COVER & OVERLAY
 LAMP: F18BX

BALLAST: ROBERTSON RED218TT120
 2 lamps, 1250 Lumens/lp, Total fixt. lumens = 1084, Fixt. Eff. = 43.4%
 Ballast Factor 0.990, Input Watts = 39
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 27.5

Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	321	12.8	29.6	0	414	414	414	
(0-40)	523	20.9	48.3	5	412	413	414	22
(0-60)	890	35.6	82.1	10	404	407	411	39
(0-90)	1084	43.4	100.0	15	391	397	405	56
				20	374	384	396	72
				25	353	369	385	85
				30	329	350	365	95
				35	303	327	342	102
				40	273	300	308	104
				45	241	267	268	101
				50	207	230	228	94
				55	173	191	185	83
				60	137	149	157	71
				65	105	112	128	58
				70	75	87	98	45
				75	49	60	68	31
				80	27	35	40	19
				85	11	13	15	8
				90	2	1	1	

Zone	Average Luminance (Cd/sq. m)		
	Par(0)	45	Nrm(90)
45	3669	4064	4080
50	3466	3852	3818
55	3247	3584	3472
60	2949	3208	3380
65	2674	2853	3260
70	2360	2738	3084
75	2038	2495	2828
80	1674	2170	2479
85	1359	1606	1853

Spacing Criteria: 0 plane = 1.2, 45 plane = 1.4, 90 plane = 1.3

These photometric results were obtained in the Day-Brite Lighting (Genlyte/Thomas Group) Laboratory, which is NVLAP-accredited by the National Institute of Standards and Technology. This does not constitute an endorsement of this product by NIST, NVLAP or the US Government.

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective floor cavity reflectance = 0.20

Ceiling	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	52	52	52	52	50	50	50	50	48	48	48	46	46	46	44	44	44	44	44	44
1	47	45	44	42	46	44	43	41	43	41	40	41	40	39	39	38	38	38	38	38
2	43	40	37	35	42	39	36	34	37	35	33	36	34	33	35	33	32	35	33	32
3	40	35	32	29	39	34	31	29	33	30	28	32	30	28	31	29	27	31	29	27
4	36	31	28	25	35	31	27	25	30	27	24	29	26	24	28	25	24	28	25	24
5	33	28	24	21	33	28	24	21	27	23	21	26	23	21	25	23	21	25	23	21
6	31	25	21	19	30	25	21	19	24	21	19	23	21	18	23	20	18	23	20	18
7	29	23	19	17	28	23	19	17	22	19	16	21	18	16	21	18	16	21	18	16
8	27	21	17	15	26	21	17	15	20	17	15	20	17	15	19	16	15	19	16	15
9	25	19	16	13	24	19	16	13	19	15	13	18	15	13	18	15	13	18	15	13
10	23	18	14	12	23	18	14	12	17	14	12	17	14	12	16	14	12	16	14	12

LUMINANCE COEFFICIENTS

WALL COEFFICIENTS

Effective floor cavity reflectance = 0.20

Ceiling	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	19	13	7	2	18	12	7	2	12	7	2	11	7	2	11	6	2	11	6	2
2	19	12	7	2	18	12	6	2	11	6	2	11	6	2	10	6	2	10	6	2
3	18	11	6	2	18	11	6	2	11	6	2	10	6	2	10	5	2	10	5	2
4	17	10	5	2	17	10	5	2	10	5	2	9	5	2	9	5	2	9	5	2
5	16	10	5	1	16	9	5	1	9	5	1	9	5	1	9	5	1	9	5	1
6	16	9	5	1	15	9	4	1	9	4	1	8	4	1	8	4	1	8	4	1
7	15	8	4	1	15	8	4	1	8	4	1	8	4	1	7	4	1	7	4	1
8	14	8	4	1	14	8	4	1	7	4	1	7	4	1	7	4	1	7	4	1
9	14	7	4	1	13	7	4	1	7	3	1	7	3	1	7	3	1	7	3	1
10	13	7	3	1	13	7	3	1	7	3	1	6	3	1	6	3	1	6	3	1

CEILING COEFFICIENTS

Effective floor cavity reflectance = 0.20

Ceiling	80				70				50				30				10			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	8	8	8	8	7	7	7	7	5	5	5	3	3	3	1	1	1	1	1	1
1	9	8	7	6	8	7	6	5	5	4	4	3	2	2	1	1	1	1	1	1
2	9	7	6	4	8	6	5	4	4	3	3	3	2	2	1	1	0	1	1	0
3	10	7	5	3	8	6	4	3	4	3	2	2	2	1	1	1	0	1	1	0
4	10	7	4	3	8	6	4	2	4	3	2	2	2	1	1	1	0	1	1	0
5	10	6	4	2	8	5	3	2	4	2	1	2	1	1	1	0	0	1	0	0
6	10	6	4	2	8	5	3	2	4	2	1	2	1	1	1	0	0	1	0	0
7	10	6	3	1	8	5	3	1	3	2	1	2	1	1	1	0	0	1	0	0
8	10	6	3	1	8	5	3	1	3	2	1	2	1	0	1	0	0	1	0	0
9	9	5	3	1	8	5	2	1	3	2	1	2	1	0	1	0	0	1	0	0
10	9	5	3	1	8	4	2	1	3	2	1	2	1	0	1	0	0	1	0	0

Day-Brite Lighting Photometric Data
 Test # 21380 (Rep Gen v4.0)
 IES File 21380.IES, printed on 2/22/2010

-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
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

This photometric test was performed using a specific ballast/lamp combination. Extrapolation of these data for other ballast/lamp combinations may produce erroneous results. The results were obtained using relative photometry in which the ballast(s) and lamp(s) are presumed to produce 100% of rated output. The ballast factor shown on this test report must be applied as a correction factor to the lumen output rating assigned to the lamp(s) or, correspondingly, to the candlepower values shown

Day-Brite Lighting Photometric Data
 Test # 21380 (Rep Gen v4.0)
 IES File 21380.IES, printed on 2/22/2010

Photometric Data in IES format

IESNA:LM-63-1995
 [TEST] 21380
 [DATE] 10/20/2000
 [OTHER] Reflection factor 0.90, Test distance = 26 ft. Shielding angle: normal
 [MORE] 90, Parallel 90
 [LUMCAT] 1AVG2CF-18-PMW-1/2-EB
 [LUMINAIRE] 1X1 RECESSED ARIOSO DIR/IND W/ PERFORATED LAMP COVER & OVERLAY
 [LAMP] F18BX
 [BALLAST] ROBERTSON RED218TT120
 [MANUFAC] Day-Brite Group*
 [_TIFF FILE NAME] 1X1AV
 [_VERSION] fo2ies 2.0y
 TILT=NONE

2	1250	1	37	5	1	1	1	1	0										
0.99		1	39																
0	2.5	5	7.5	10	12.5	15	17.5	20	22.5										
25	27.5	30	32.5	35	37.5	40	42.5	45	47.5										
50	52.5	55	57.5	60	62.5	65	67.5	70	72.5										
75	77.5	80	82.5	85	87.5	90													
0	22.5	45	67.5	90															
414	414	412	409	404	398	391	383	374	364										
353	339	329	316	303	287	273	258	241	225										
207	190	173	155	137	121	105	88	75	62										
49	38	27	18	11	4	2													
414	413	411	408	403	398	391	385	376	367										
357	346	335	323	310	296	282	267	253	237										
221	203	186	167	149	130	112	94	78	64										
50	39	29	21	12	5	1													
414	414	413	410	407	402	397	391	384	376										
369	358	350	339	327	314	300	284	267	249										
230	210	191	168	149	130	112	99	87	73										
60	47	35	24	13	5	1													
414	414	413	412	409	407	402	397	392	386										
379	371	361	351	337	321	306	287	268	248										
228	206	186	165	151	138	124	110	95	81										
65	52	39	26	14	6	1													
414	415	414	412	411	408	405	401	396	391										
385	376	365	355	342	325	308	290	268	248										
228	205	185	169	157	142	128	113	98	83										
68	53	40	26	15	6	1													