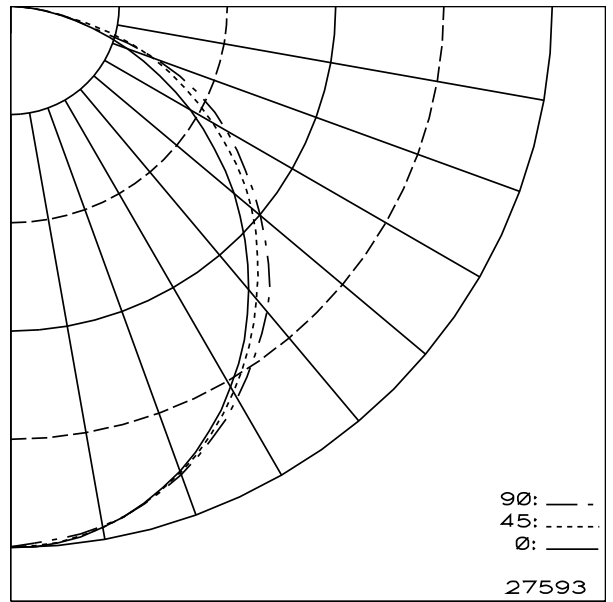


Day-Brite Lighting Photometric Data  
 IES File 27593.IES, printed on 2/22/2010

IESNA:LM-63-2002  
 [TEST] 27593  
 [TESTDATE] 07/22/2008  
 [LUMCAT] 2AVEG2CF40-FGL-EB  
 [LUMINAIRE] 2X2 ESSENCE FULL RECESSED W/ GLASS  
 [LAMP] F40BX  
 [BALLAST] ADVANCE ICN-2TTP40-SC  
 [MANUFAC] DayBrite Group\*  
 [TESTLAB] Daybrite Lighting Photometric  
 Laboratory, Tupelo, MS  
 [MORE] NVLAP laboratory code 200016-0  
 [ISSUEDATE] 7/24/2008  
 [\_TEST\_LEVEL]  
 [\_TIFF\_FILE\_NAME]  
 [\_VERSION] fo2ies 3.0d(90)  
 [OTHER] Reflection factor 0.92, Test distance =  
 26 ft.  
 [OTHER] Shielding angle: normal 90, Parallel 90  
 2 lamps, 3150 Lumens/lp, Total fixt. lumens = 4147, Fixt. Eff. = 65.8%  
 Ballast Factor 0.880, Input Watts = 69  
 LER = (Fixt-Eff \* Lp-Lumens \* BF) / Watts = 52.9



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	1148	18.2	27.7	0	1497	1497	1497	
(0-40)	1868	29.7	45.0	5	1492	1491	1481	80
(0-60)	3282	52.1	79.2	10	1465	1466	1462	139
(0-90)	4147	65.8	100.0	15	1425	1426	1427	202
				20	1370	1374	1380	258
				25	1299	1309	1320	303
				30	1217	1233	1253	338
				35	1128	1150	1179	362
				40	1025	1058	1104	374
				45	917	965	1009	374
				50	807	870	902	361
				55	688	762	793	336
				60	574	646	691	303
				65	455	529	575	260
				70	343	419	430	207
				75	234	286	240	139
				80	138	136	146	79
				85	53	56	48	32
				90	9	4	2	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	3490	3672	3840
50	3378	3642	3776
55	3228	3575	3720
60	3089	3477	3719
65	2897	3368	3661
70	2699	3297	3383
75	2433	2974	2495
80	2139	2108	2263
85	1636	1729	1482

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

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.

APPROVED BY \_\_\_\_\_ DATE / /  
 \*\*\*\*\*

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective floor cavity reflectance = 0.20

Ceil	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	78	78	78	78	77	77	77	77	73	73	73	70	70	70	67	67	67			
1	72	69	66	63	70	67	64	62	64	62	60	62	60	58	59	58	57			
2	65	60	55	51	63	58	54	51	56	53	50	54	51	49	52	50	47			
3	59	52	47	43	58	51	46	42	49	45	42	48	44	41	46	43	40			
4	54	46	41	36	53	46	40	36	44	39	35	42	38	35	41	37	34			
5	50	41	36	31	49	41	35	31	39	34	31	38	34	30	37	33	30			
6	46	37	31	27	45	37	31	27	36	31	27	34	30	27	33	29	26			
7	43	34	28	24	42	33	28	24	32	27	24	31	27	24	30	26	23			
8	40	31	25	21	39	30	25	21	30	25	21	29	24	21	28	24	21			
9	37	28	23	19	36	28	23	19	27	22	19	26	22	19	26	22	19			
10	35	26	21	17	34	26	21	17	25	21	17	25	20	17	24	20	17			

LUMINANCE COEFFICIENTS

WALL COEFFICIENTS

Effective floor cavity reflectance = 0.20

Ceil	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	30	20	11	4	29	20	11	4	19	11	3	18	10	3	17	10	3			
2	29	19	10	3	29	19	10	3	18	10	3	17	10	3	16	9	3			
3	28	18	9	3	28	17	9	3	17	9	3	16	9	3	15	9	3			
4	27	16	8	2	26	16	8	2	15	8	2	15	8	2	14	8	2			
5	26	15	8	2	25	15	8	2	14	7	2	14	7	2	13	7	2			
6	24	14	7	2	24	14	7	2	13	7	2	13	7	2	12	7	2			
7	23	13	6	2	23	13	6	2	12	6	2	12	6	2	12	6	2			
8	22	12	6	2	21	12	6	2	12	6	2	11	6	2	11	6	2			
9	21	11	6	2	20	11	5	2	11	5	2	11	5	2	10	5	2			
10	20	11	5	1	20	11	5	1	10	5	1	10	5	1	10	5	1			

CEILING COEFFICIENTS

Effective floor cavity reflectance = 0.20

Ceil	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	13	13	13	13	11	11	11	11	7	7	7	4	4	4	1	1	1			
1	14	12	10	9	12	10	9	8	7	6	5	4	4	3	1	1	1			
2	14	11	9	6	12	10	7	6	7	5	4	4	3	2	1	1	1			
3	15	11	8	5	13	9	6	4	6	5	3	4	3	2	1	1	1			
4	15	10	7	4	13	9	6	3	6	4	2	4	2	1	1	1	0			
5	15	10	6	3	13	8	5	3	6	4	2	3	2	1	1	1	0			
6	15	9	5	3	13	8	5	2	6	3	2	3	2	1	1	1	0			
7	15	9	5	2	13	8	4	2	5	3	1	3	2	1	1	1	0			
8	15	8	5	2	12	7	4	2	5	3	1	3	2	1	1	1	0			
9	14	8	4	2	12	7	4	1	5	3	1	3	2	1	1	1	0			
10	14	8	4	1	12	7	3	1	5	2	1	3	1	1	1	0	0			

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-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	1497	1497	1497	1497	1497
2.5	1499	1499	1495	1493	1488
5.0	1492	1491	1491	1485	1481
7.5	1482	1481	1479	1479	1474
10.0	1465	1465	1466	1466	1462
12.5	1448	1449	1448	1450	1447
15.0	1425	1427	1426	1425	1427
17.5	1398	1404	1400	1405	1404
20.0	1370	1373	1374	1380	1380
22.5	1337	1341	1344	1349	1351
25.0	1299	1303	1309	1318	1320
27.5	1261	1264	1273	1282	1290
30.0	1217	1222	1233	1246	1253
32.5	1174	1182	1193	1208	1217
35.0	1128	1135	1150	1168	1179
37.5	1076	1085	1105	1130	1142
40.0	1025	1034	1058	1089	1104
42.5	971	982	1013	1050	1062
45.0	917	930	965	1001	1009
47.5	861	876	920	950	955
50.0	807	820	870	893	902
52.5	749	766	819	838	849
55.0	688	708	762	782	793
57.5	632	654	702	730	743
60.0	574	600	646	676	691
62.5	515	544	587	619	637
65.0	455	487	529	562	575
67.5	398	435	474	502	507
70.0	343	379	419	432	430
72.5	288	320	355	344	341
75.0	234	260	286	262	240
77.5	183	205	213	191	186
80.0	138	152	136	145	146
82.5	91	98	99	98	100
85.0	53	51	56	53	48
87.5	23	19	16	20	12
90.0	9	6	4	5	2

Day-Brite Lighting Photometric Data  
IES File 27593.IES, printed on 2/22/2010

Photometric Data in IES format

IESNA:LM-63-2002  
[TEST] 27593  
[TESTDATE] 07/22/2008  
[LUMCAT] 2AVEG2CF40-FGL-EB  
[LUMINAIRE] 2X2 ESSENCE FULL RECESSED W/ GLASS  
[LAMP] F40BX  
[BALLAST] ADVANCE ICN-2TTP40-SC  
[MANUFAC] DayBrite Group\*  
[TESTLAB] Daybrite Lighting Photometric Laboratory, Tupelo, MS  
[MORE] NVLAP laboratory code 200016-0  
[ISSUEDATE] 7/24/2008  
[\_TEST\_LEVEL]  
[\_TIFF\_FILE\_NAME]  
[\_VERSION] fo2ies 3.0d(90)  
[OTHER] Reflection factor 0.92, Test distance = 26 ft.  
[OTHER] Shielding angle: normal 90, Parallel 90  
TILT=NONE  
2 3150 1 37 5 1 1 2 2 0  
0.88 1 69  
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  
1497 1499 1492 1482 1465 1448 1425 1398 1370 1337  
1299 1261 1217 1174 1128 1076 1025 971 917 861  
807 749 688 632 574 515 455 398 343 288  
234 183 138 91 53 23 9  
1497 1499 1491 1481 1465 1449 1427 1404 1373 1341  
1303 1264 1222 1182 1135 1085 1034 982 930 876  
820 766 708 654 600 544 487 435 379 320  
260 205 152 98 51 19 6  
1497 1495 1491 1479 1466 1448 1426 1400 1374 1344  
1309 1273 1233 1193 1150 1105 1058 1013 965 920  
870 819 762 702 646 587 529 474 419 355  
286 213 136 99 56 16 4  
1497 1493 1485 1479 1466 1450 1425 1405 1380 1349  
1318 1282 1246 1208 1168 1130 1089 1050 1001 950  
893 838 782 730 676 619 562 502 432 344  
262 191 145 98 53 20 5  
1497 1488 1481 1474 1462 1447 1427 1404 1380 1351  
1320 1290 1253 1217 1179 1142 1104 1062 1009 955  
902 849 793 743 691 637 575 507 430 341  
240 186 146 100 48 12 2