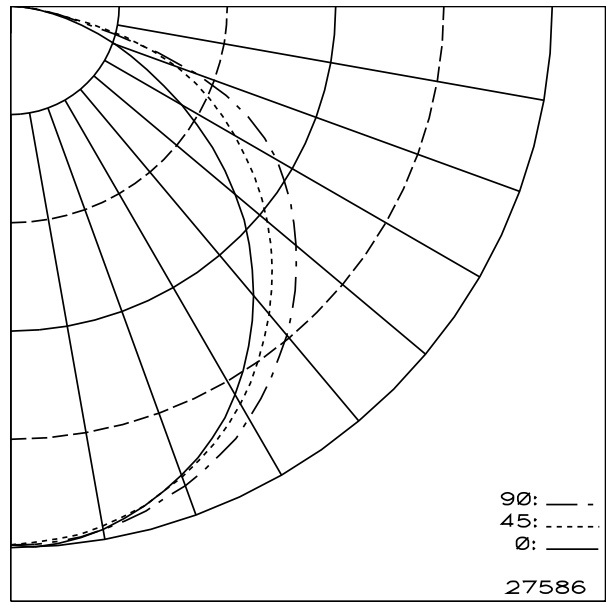


Day-Brite Lighting Photometric Data
 IES File 27586.IES, printed on 2/22/2010

IESNA:LM-63-2002
 [TEST] 27586
 [TESTDATE] 07/18/2008
 [LUMCAT] 2AVEG224HO-PMW-EB
 [LUMINAIRE] 2X2 ESSENCE FULL RECESSED W/ PERF
 [LAMP] F24T5HO
 [BALLAST] TRIAD B224PUNV-C
 [MANUFAC] DayBrite Group*
 [TESTLAB] Daybrite Lighting 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.
 [OTHER] Shielding angle: normal 90, Parallel 90
 2 lamps, 1760 Lumens/lp, Total fixt. lumens = 2347, Fixt. Eff. = 66.7%
 Ballast Factor 1.000, Input Watts = 52
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 45.1



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	624	17.7	26.6	0	800	800	800	
(0-40)	1026	29.1	43.7	5	801	794	798	43
(0-60)	1840	52.3	78.4	10	789	784	789	75
(0-90)	2347	66.7	100.0	15	768	768	776	109
				20	741	744	758	140
				25	708	716	735	166
				30	666	682	707	187
				35	616	641	674	202
				40	561	597	638	210
				45	501	549	597	212
				50	435	497	553	208
				55	366	442	507	197
				60	293	384	456	180
				65	223	326	389	157
				70	165	262	294	125
				75	109	176	159	81
				80	63	70	73	40
				85	23	25	26	15
				90	3	1	1	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	1907	2089	2272
50	1821	2081	2315
55	1717	2074	2379
60	1577	2067	2454
65	1420	2076	2477
70	1298	2061	2313
75	1133	1830	1653
80	976	1085	1131
85	710	772	803

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.

APPROVED BY _____ DATE / /

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	79	79	79	79	78	78	78	78	74	74	74	71	71	71	68	68	68			
1	73	69	67	64	71	68	65	63	65	63	61	62	61	59	60	59	57			
2	66	60	56	52	64	59	55	51	57	53	50	54	51	49	52	50	48			
3	60	53	47	43	58	52	47	43	50	45	42	48	44	41	46	43	40			
4	55	47	41	36	53	46	40	36	44	39	35	43	38	35	41	37	34			
5	50	42	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	30	27	34	30	26	33	29	26			
7	43	34	28	24	42	33	28	24	32	27	24	31	27	23	30	26	23			
8	40	31	25	21	39	30	25	21	29	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	20	17	24	20	17	24	20	17			

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

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	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	15	11	9	7	13	10	8	6	7	5	4	4	3	2	1	1	1			
3	15	11	8	5	13	9	7	4	6	5	3	4	3	2	1	1	1			
4	16	10	7	4	13	9	6	3	6	4	2	4	2	1	1	1	0			
5	16	10	6	3	13	9	5	3	6	4	2	3	2	1	1	1	0			
6	16	10	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	9	5	2	13	7	4	2	5	3	1	3	2	1	1	1	0			
9	15	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	800	800	800	800	800
2.5	804	798	797	797	800
5.0	801	796	794	795	798
7.5	796	791	791	792	795
10.0	789	784	784	786	789
12.5	779	775	776	779	783
15.0	768	765	768	772	776
17.5	755	751	755	760	765
20.0	741	739	744	752	758
22.5	726	722	730	740	747
25.0	708	707	716	728	735
27.5	689	689	700	714	724
30.0	666	667	682	698	707
32.5	642	645	663	681	691
35.0	616	620	641	662	674
37.5	589	596	619	643	655
40.0	561	569	597	624	638
42.5	531	541	573	603	618
45.0	501	512	549	581	597
47.5	470	484	524	559	575
50.0	435	454	497	535	553
52.5	401	422	470	511	530
55.0	366	389	442	487	507
57.5	328	356	412	461	481
60.0	293	324	384	436	456
62.5	256	291	355	407	425
65.0	223	259	326	374	389
67.5	193	229	296	336	346
70.0	165	198	262	288	294
72.5	136	168	221	235	229
75.0	109	139	176	167	159
77.5	84	110	123	104	103
80.0	63	78	70	71	73
82.5	42	48	44	47	49
85.0	23	24	25	26	26
87.5	9	9	8	9	9
90.0	3	2	1	1	1

Photometric Data in IES format

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 [TEST] 27586
 [TESTDATE] 07/18/2008
 [LUMCAT] 2AVEG224HO-PMW-EB
 [LUMINAIRE] 2X2 ESSENCE FULL RECESSED W/ PERF
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 [_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	1760	1	37	5	1	1	2	2	0										
	1	1	52																
	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														
800	804	801	796	789	779	768	755	741	726										
708	689	666	642	616	589	561	531	501	470										
435	401	366	328	293	256	223	193	165	136										
109	84	63	42	23	9	3													
800	798	796	791	784	775	765	751	739	722										
707	689	667	645	620	596	569	541	512	484										
454	422	389	356	324	291	259	229	198	168										
139	110	78	48	24	9	2													
800	797	794	791	784	776	768	755	744	730										
716	700	682	663	641	619	597	573	549	524										
497	470	442	412	384	355	326	296	262	221										
176	123	70	44	25	8	1													
800	797	795	792	786	779	772	760	752	740										
728	714	698	681	662	643	624	603	581	559										
535	511	487	461	436	407	374	336	288	235										
167	104	71	47	26	9	1													
800	800	798	795	789	783	776	765	758	747										
735	724	707	691	674	655	638	618	597	575										
553	530	507	481	456	425	389	346	294	229										
159	103	73	49	26	9	1													