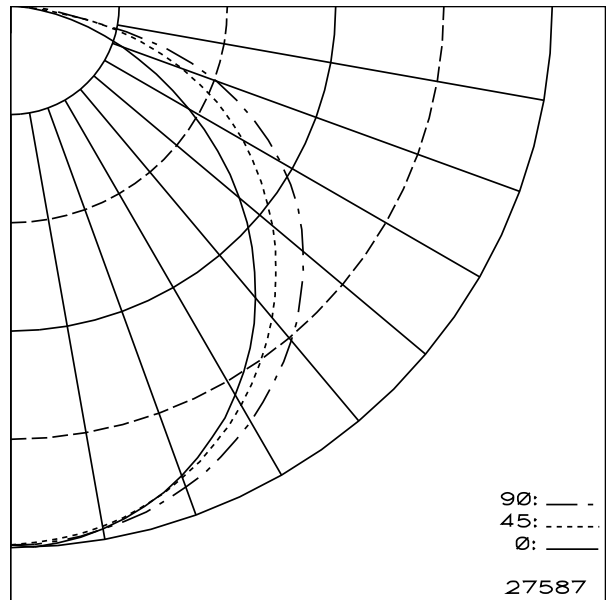


Day-Brite Lighting Photometric Data
 IES File 27587.IES, printed on 2/22/2010

IESNA:LM-63-2002
 [TEST] 27587
 [TESTDATE] 07/21/2008
 [LUMCAT] 2AVDG224HO-PMW-EB
 [LUMINAIRE] 2X2 MID-DEPTH SEMI-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 = 2477, Fixt. Eff. = 70.4%
 Ballast Factor 1.000, Input Watts = 53
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 46.7



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	637	18.1	25.7	0	815	815	815	
(0-40)	1050	29.8	42.4	5	815	809	812	44
(0-60)	1898	53.9	76.6	10	803	799	803	76
(0-90)	2477	70.4	100.0	15	783	782	792	111
				20	756	759	774	143
				25	720	730	752	170
				30	679	697	726	192
				35	631	658	694	207
				40	576	615	660	217
				45	516	567	620	220
				50	451	517	577	216
				55	382	462	530	206
				60	311	406	471	189
				65	243	345	405	166
				70	180	275	331	137
				75	121	201	240	101
				80	69	120	115	57
				85	27	37	57	26
				90	3	8	22	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	1964	2158	2359
50	1888	2164	2416
55	1792	2168	2487
60	1674	2185	2535
65	1547	2197	2579
70	1416	2164	2604
75	1258	2090	2495
80	1069	1860	1782
85	834	1142	1760

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	84	84	84	84	82	82	82	82	78	78	78	75	75	75	72	72	72			
1	76	73	70	67	74	71	68	66	68	66	64	65	63	62	63	61	60			
2	69	63	58	54	67	62	57	53	59	55	52	57	54	51	55	52	50			
3	63	55	49	44	61	54	48	44	52	47	43	50	46	42	48	45	42			
4	57	49	42	37	56	48	42	37	46	41	37	44	40	36	43	39	36			
5	53	43	37	32	51	43	36	32	41	36	31	40	35	31	38	34	31			
6	49	39	32	28	47	38	32	28	37	31	27	36	31	27	35	30	27			
7	45	35	29	24	44	35	29	24	34	28	24	32	28	24	32	27	24			
8	42	32	26	22	41	32	26	22	31	25	22	30	25	21	29	25	21			
9	39	29	24	20	38	29	23	19	28	23	19	27	23	19	27	22	19			
10	37	27	21	18	36	27	21	18	26	21	18	25	21	17	25	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	33	22	13	4	32	22	13	4	21	12	4	20	12	4	19	11	4			
2	33	21	12	4	32	21	11	4	20	11	3	19	11	3	18	10	3			
3	31	19	10	3	30	19	10	3	18	10	3	18	10	3	17	9	3			
4	30	18	9	3	29	18	9	3	17	9	3	16	9	3	16	9	3			
5	28	17	8	2	27	16	8	2	16	8	2	15	8	2	15	8	2			
6	27	15	8	2	26	15	8	2	15	7	2	14	7	2	14	7	2			
7	25	14	7	2	25	14	7	2	14	7	2	13	7	2	13	7	2			
8	24	13	6	2	23	13	6	2	13	6	2	12	6	2	12	6	2			
9	23	12	6	2	22	12	6	2	12	6	2	11	6	2	11	6	2			
10	22	12	6	2	21	11	6	2	11	5	2	11	5	2	11	5	2			

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	8	8	8	4	4	4	1	1	1			
1	15	13	11	9	13	11	9	8	7	6	6	4	4	3	1	1	1			
2	16	12	9	7	13	10	8	6	7	6	4	4	3	2	1	1	1			
3	16	12	8	5	14	10	7	4	7	5	3	4	3	2	1	1	1			
4	17	11	7	4	14	10	6	4	7	4	2	4	3	1	1	1	0			
5	17	11	6	3	14	9	6	3	6	4	2	4	2	1	1	1	0			
6	17	10	6	3	14	9	5	2	6	4	2	3	2	1	1	1	0			
7	16	10	5	2	14	8	5	2	6	3	1	3	2	1	1	1	0			
8	16	9	5	2	14	8	4	2	5	3	1	3	2	1	1	1	0			
9	16	9	5	2	13	8	4	2	5	3	1	3	2	1	1	1	0			
10	15	8	4	2	13	7	4	1	5	3	1	3	2	1	1	1	0			

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-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	815	815	815	815	815
2.5	819	814	812	813	815
5.0	815	811	809	811	812
7.5	810	805	805	807	809
10.0	803	798	799	802	803
12.5	794	791	792	796	798
15.0	783	780	782	788	792
17.5	771	768	772	778	783
20.0	756	754	759	770	774
22.5	739	739	746	758	765
25.0	720	720	730	746	752
27.5	702	703	715	733	739
30.0	679	682	697	718	726
32.5	656	661	678	700	710
35.0	631	636	658	683	694
37.5	605	610	637	665	678
40.0	576	585	615	646	660
42.5	546	558	592	626	642
45.0	516	529	567	605	620
47.5	485	499	543	584	600
50.0	451	469	517	560	577
52.5	418	439	489	536	555
55.0	382	406	462	511	530
57.5	347	376	434	483	502
60.0	311	342	406	454	471
62.5	276	310	375	424	439
65.0	243	278	345	389	405
67.5	209	248	310	355	369
70.0	180	216	275	318	331
72.5	149	185	238	274	287
75.0	121	153	201	232	240
77.5	94	122	162	179	179
80.0	69	90	120	117	115
82.5	46	59	66	73	78
85.0	27	31	37	50	57
87.5	10	10	19	31	37
90.0	3	2	8	18	22

Photometric Data in IES format

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 [TEST] 27587
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 [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
 TILT=NONE

2	1760	1	37	5	1	1	2	2	0											
	1	1	53																	
	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															
815	819	815	810	803	794	783	771	756	739											
720	702	679	656	631	605	576	546	516	485											
451	418	382	347	311	276	243	209	180	149											
121	94	69	46	27	10	3														
815	814	811	805	798	791	780	768	754	739											
720	703	682	661	636	610	585	558	529	499											
469	439	406	376	342	310	278	248	216	185											
153	122	90	59	31	10	2														
815	812	809	805	799	792	782	772	759	746											
730	715	697	678	658	637	615	592	567	543											
517	489	462	434	406	375	345	310	275	238											
201	162	120	66	37	19	8														
815	813	811	807	802	796	788	778	770	758											
746	733	718	700	683	665	646	626	605	584											
560	536	511	483	454	424	389	355	318	274											
232	179	117	73	50	31	18														
815	815	812	809	803	798	792	783	774	765											
752	739	726	710	694	678	660	642	620	600											
577	555	530	502	471	439	405	369	331	287											
240	179	115	78	57	37	22														