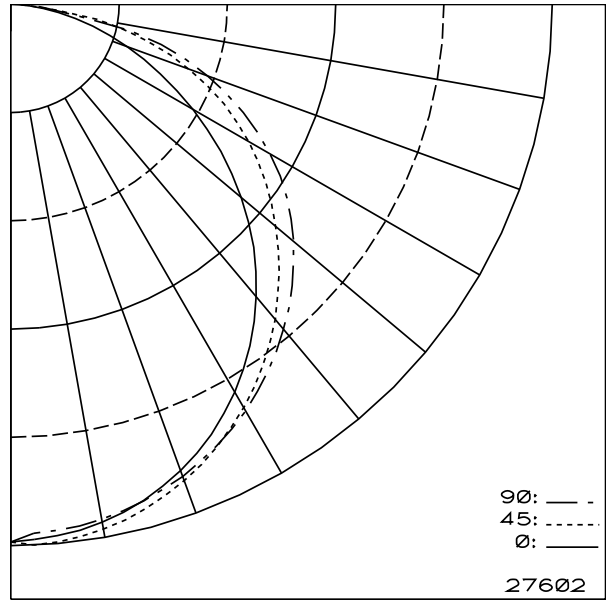


Day-Brite Lighting Photometric Data
 IES File 27602.IES, printed on 2/22/2010



IESNA:LM-63-2002
 [TEST] 27602
 [TESTDATE] 07/28/2008
 [LUMCAT] 2AVDG354HO-PMW-EB
 [LUMINAIRE] 2X4 ARIOSO MID-DEPTH SEMI-RECESSED W/
 PERF
 [LAMP] F54T5HO
 [BALLAST] TRIAD B254PUNV-C
 [MANUFAC] DayBrite Group*
 [TESTLAB] Daybrite Lighting Photometric
 Laboratory, Tupelo, MS
 [MORE] NVLAP laboratory code 200016-0
 [ISSUEDATE] 7/30/2008
 [_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
 3 lamps, 4400 Lumens/lp, Total fixt. lumens = 9012, Fixt. Eff. = 68.3%
 Ballast Factor 1.000, Input Watts = 169
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 53.3

Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	2303	17.4	25.6	0	2941	2941	2941	
(0-40)	3798	28.8	42.1	5	2917	2952	2888	158
(0-60)	6870	52.0	76.2	10	2877	2915	2860	276
(0-90)	9012	68.3	100.0	15	2809	2855	2812	402
				20	2714	2772	2749	516
				25	2596	2670	2665	614
				30	2449	2547	2569	693
				35	2281	2406	2451	750
				40	2087	2250	2320	785
				45	1879	2076	2177	796
				50	1645	1890	2019	782
				55	1403	1703	1843	746
				60	1150	1502	1637	688
				65	903	1285	1403	605
				70	675	1036	1145	503
				75	465	766	852	385
				80	265	484	381	223
				85	105	116	161	91
				90	8	25	54	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	3502	3783	3977
50	3360	3758	4026
55	3196	3758	4081
60	2987	3755	4109
65	2752	3737	4100
70	2512	3634	4042
75	2243	3418	3833
80	1836	2999	2388
85	1309	1190	1684

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

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	81	81	81	81	79	79	79	79	76	76	76	73	73	73	70	70	70				
1	74	71	67	65	72	69	66	64	66	64	62	63	61	60	61	59	58				
2	67	61	56	52	65	60	55	51	57	54	50	55	52	49	53	50	48				
3	61	53	48	43	59	52	47	43	50	46	42	48	44	41	46	43	40				
4	56	47	41	36	54	46	40	36	44	39	35	43	38	35	41	37	34				
5	51	42	36	31	49	41	35	31	40	34	30	38	34	30	37	33	30				
6	47	38	31	27	46	37	31	27	36	30	26	35	30	26	33	29	26				
7	44	34	28	24	42	34	28	24	32	27	23	31	27	23	30	26	23				
8	40	31	25	21	39	31	25	21	30	24	21	29	24	21	28	24	21				
9	38	28	23	19	37	28	23	19	27	22	19	26	22	19	26	22	19				
10	35	26	21	17	35	26	21	17	25	20	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	0
1	33	22	12	4	32	21	12	4	21	12	4	20	11	4	19	11	4				
2	32	21	11	3	31	20	11	3	19	11	3	19	10	3	18	10	3				
3	30	19	10	3	30	19	10	3	18	10	3	17	9	3	17	9	3				
4	29	17	9	3	28	17	9	3	16	9	3	16	9	3	15	8	3				
5	27	16	8	2	27	16	8	2	15	8	2	15	8	2	14	8	2				
6	26	15	7	2	25	15	7	2	14	7	2	14	7	2	13	7	2				
7	25	14	7	2	24	14	7	2	13	7	2	13	7	2	12	6	2				
8	23	13	6	2	23	13	6	2	12	6	2	12	6	2	12	6	2				
9	22	12	6	2	22	12	6	2	12	6	2	11	6	2	11	6	2				
10	21	11	5	2	21	11	5	2	11	5	1	11	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	8	8	8	4	4	4	1	1	1				
1	14	12	11	9	12	11	9	8	7	6	5	4	4	3	1	1	1				
2	15	12	9	7	13	10	8	6	7	5	4	4	3	2	1	1	1				
3	16	11	8	5	14	10	7	4	7	5	3	4	3	2	1	1	1				
4	16	11	7	4	14	9	6	3	6	4	2	4	2	1	1	1	0				
5	16	10	6	3	14	9	5	3	6	4	2	4	2	1	1	1	0				
6	16	10	6	3	14	8	5	2	6	3	2	3	2	1	1	1	0				
7	16	9	5	2	13	8	4	2	6	3	1	3	2	1	1	1	0				
8	15	9	5	2	13	8	4	2	5	3	1	3	2	1	1	1	0				
9	15	8	4	2	13	7	4	1	5	3	1	3	2	1	1	1	0				
10	15	8	4	2	12	7	4	1	5	3	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	2941	2941	2941	2941	2941
2.5	2930	2961	2961	2931	2896
5.0	2917	2953	2952	2922	2888
7.5	2902	2936	2936	2909	2878
10.0	2877	2911	2915	2890	2860
12.5	2847	2879	2890	2867	2838
15.0	2809	2840	2855	2838	2812
17.5	2763	2799	2815	2802	2779
20.0	2714	2746	2772	2765	2749
22.5	2658	2691	2725	2723	2706
25.0	2596	2636	2670	2677	2665
27.5	2523	2562	2609	2626	2619
30.0	2449	2492	2547	2576	2569
32.5	2367	2412	2480	2516	2511
35.0	2281	2329	2406	2450	2451
37.5	2187	2242	2329	2385	2389
40.0	2087	2149	2250	2313	2320
42.5	1985	2053	2160	2240	2252
45.0	1879	1951	2076	2161	2177
47.5	1763	1845	1984	2081	2097
50.0	1645	1736	1890	1996	2019
52.5	1523	1629	1798	1904	1932
55.0	1403	1511	1703	1816	1843
57.5	1273	1401	1603	1723	1747
60.0	1150	1286	1502	1620	1637
62.5	1024	1172	1392	1501	1522
65.0	903	1062	1285	1380	1403
67.5	788	950	1161	1255	1275
70.0	675	840	1036	1117	1145
72.5	569	733	910	986	1004
75.0	465	629	766	839	852
77.5	362	522	628	684	669
80.0	265	398	484	427	381
82.5	180	284	259	229	237
85.0	105	154	116	146	161
87.5	44	37	57	89	101
90.0	8	6	25	44	54

