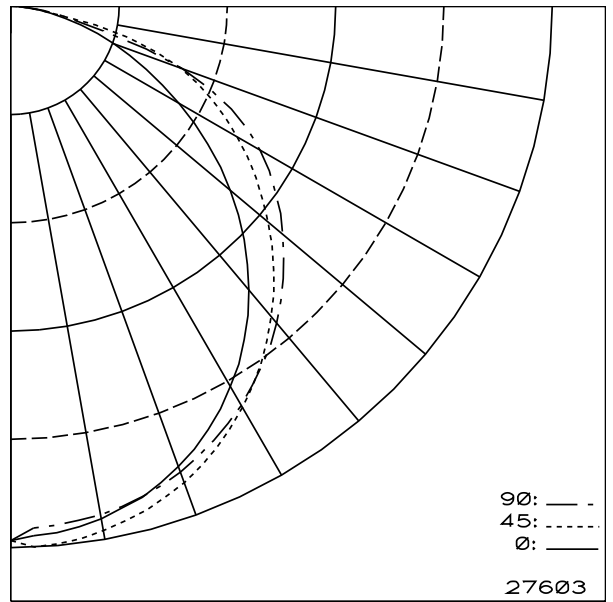


Day-Brite Lighting Photometric Data
 IES File 27603.IES, printed on 2/22/2010

IESNA:LM-63-2002
 [TEST] 27603
 [TESTDATE] 07/28/2008
 [LUMCAT] 2AVEG354HO-PMW-EB
 [LUMINAIRE] 2X4 ARIOSO ESSENCE FULL RECESSED W/
 PERF
 [LAMP] F54T5HO
 [BALLAST] TRIAD B254PUNV-D
 [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 = 8117, Fixt. Eff. = 61.5%
 Ballast Factor 1.000, Input Watts = 159
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 51.0



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	2160	16.4	26.6	0	2757	2757	2757	
(0-40)	3550	26.9	43.7	5	2726	2784	2688	148
(0-60)	6352	48.1	78.3	10	2685	2747	2665	259
(0-90)	8117	61.5	100.0	15	2623	2693	2619	378
				20	2527	2616	2558	484
				25	2410	2513	2473	575
				30	2265	2390	2378	647
				35	2100	2251	2261	698
				40	1911	2089	2133	726
				45	1703	1918	1988	731
				50	1479	1732	1830	713
				55	1240	1545	1665	675
				60	1001	1348	1484	618
				65	771	1149	1255	539
				70	564	931	941	433
				75	375	631	494	287
				80	210	233	251	151
				85	83	84	91	55
				90	10	1	0	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	3240	3650	3783
50	3096	3625	3831
55	2909	3624	3906
60	2694	3627	3993
65	2455	3658	3996
70	2219	3663	3702
75	1949	3280	2568
80	1627	1805	1945
85	1281	1297	1405

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	73	73	73	73	72	72	72	72	68	68	68	65	65	65	63	63	63			
1	67	64	61	59	65	63	60	58	60	58	56	57	56	54	55	54	53			
2	61	56	51	48	59	54	50	47	52	49	46	50	47	45	48	46	44			
3	55	49	44	40	54	48	43	39	46	42	38	44	41	38	43	40	37			
4	50	43	38	33	49	42	37	33	41	36	33	39	35	32	38	35	32			
5	46	38	33	29	45	38	32	28	36	32	28	35	31	28	34	30	28			
6	43	34	29	25	42	34	29	25	33	28	25	32	28	24	31	27	24			
7	40	31	26	22	39	31	26	22	30	25	22	29	25	22	28	24	21			
8	37	28	23	20	36	28	23	19	27	23	19	26	22	19	26	22	19			
9	34	26	21	18	34	26	21	17	25	21	17	24	20	17	24	20	17			
10	32	24	19	16	31	24	19	16	23	19	16	23	19	16	22	18	16			

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	28	19	11	3	27	19	11	3	18	10	3	17	10	3	16	9	3			
2	28	18	10	3	27	18	10	3	17	9	3	16	9	3	16	9	3			
3	27	17	9	3	26	16	9	3	16	9	3	15	8	3	15	8	2			
4	26	15	8	2	25	15	8	2	15	8	2	14	8	2	14	7	2			
5	24	14	7	2	24	14	7	2	13	7	2	13	7	2	13	7	2			
6	23	13	7	2	22	13	7	2	13	6	2	12	6	2	12	6	2			
7	22	12	6	2	21	12	6	2	12	6	2	11	6	2	11	6	2			
8	21	11	6	2	20	11	6	2	11	5	2	11	5	2	10	5	2			
9	20	11	5	1	19	11	5	1	10	5	1	10	5	1	10	5	1			
10	19	10	5	1	18	10	5	1	10	5	1	9	5	1	9	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	12	12	12	12	10	10	10	10	7	7	7	4	4	4	1	1	1			
1	13	11	10	8	11	9	8	7	6	6	5	4	3	3	1	1	1			
2	14	11	8	6	12	9	7	5	6	5	4	4	3	2	1	1	1			
3	14	10	7	5	12	9	6	4	6	4	3	3	2	2	1	1	1			
4	14	10	6	4	12	8	5	3	6	4	2	3	2	1	1	1	0			
5	14	9	6	3	12	8	5	3	5	3	2	3	2	1	1	1	0			
6	14	9	5	2	12	8	4	2	5	3	1	3	2	1	1	1	0			
7	14	8	5	2	12	7	4	2	5	3	1	3	2	1	1	1	0			
8	14	8	4	2	12	7	4	2	5	3	1	3	2	1	1	1	0			
9	13	8	4	2	11	7	3	1	5	2	1	3	1	1	1	0	0			
10	13	7	4	1	11	6	3	1	4	2	1	3	1	1	1	0	0			

Day-Brite Lighting Photometric Data
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-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	2757	2757	2757	2757	2757
2.5	2734	2797	2793	2743	2694
5.0	2726	2787	2784	2738	2688
7.5	2709	2770	2771	2724	2675
10.0	2685	2747	2747	2708	2665
12.5	2651	2713	2720	2680	2644
15.0	2623	2679	2693	2657	2619
17.5	2577	2640	2654	2628	2591
20.0	2527	2592	2616	2590	2558
22.5	2474	2536	2567	2548	2517
25.0	2410	2475	2513	2501	2473
27.5	2342	2410	2453	2453	2427
30.0	2265	2341	2390	2395	2378
32.5	2189	2261	2322	2340	2319
35.0	2100	2178	2251	2276	2261
37.5	2010	2088	2171	2208	2202
40.0	1911	1993	2089	2135	2133
42.5	1807	1897	2009	2062	2062
45.0	1703	1795	1918	1986	1988
47.5	1593	1691	1828	1905	1910
50.0	1479	1583	1732	1819	1830
52.5	1365	1476	1637	1735	1755
55.0	1240	1369	1545	1651	1665
57.5	1124	1254	1449	1559	1581
60.0	1001	1149	1348	1467	1484
62.5	882	1036	1250	1365	1380
65.0	771	931	1149	1246	1255
67.5	665	831	1044	1115	1107
70.0	564	730	931	959	941
72.5	470	636	787	778	734
75.0	375	537	631	552	494
77.5	288	449	449	341	340
80.0	210	341	233	247	251
82.5	145	217	151	166	170
85.0	83	84	84	90	91
87.5	34	29	33	34	32
90.0	10	4	1	1	0

Photometric Data in IES format

IESNA:LM-63-2002
 [TEST] 27603
 [TESTDATE] 07/28/2008
 [LUMCAT] 2AVEG354HO-PMW-EB
 [LUMINAIRE] 2X4 ARIOSO ESSENCE FULL RECESSED W/ PERF
 [LAMP] F54T5HO
 [BALLAST] TRIAD B254PUNV-D
 [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
 TILT=NONE

3	4400	1	37	5	1	1	2	4	0											
	1	1	159																	
	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															
2757	2734	2726	2709	2685	2651	2623	2577	2527	2474											
2410	2342	2265	2189	2100	2010	1911	1807	1703	1593											
1479	1365	1240	1124	1001	882	771	665	564	470											
375	288	210	145	83	34	10														
2757	2797	2787	2770	2747	2713	2679	2640	2592	2536											
2475	2410	2341	2261	2178	2088	1993	1897	1795	1691											
1583	1476	1369	1254	1149	1036	931	831	730	636											
537	449	341	217	84	29	4														
2757	2793	2784	2771	2747	2720	2693	2654	2616	2567											
2513	2453	2390	2322	2251	2171	2089	2009	1918	1828											
1732	1637	1545	1449	1348	1250	1149	1044	931	787											
631	449	233	151	84	33	1														
2757	2743	2738	2724	2708	2680	2657	2628	2590	2548											
2501	2453	2395	2340	2276	2208	2135	2062	1986	1905											
1819	1735	1651	1559	1467	1365	1246	1115	959	778											
552	341	247	166	90	34	1														
2757	2694	2688	2675	2665	2644	2619	2591	2558	2517											
2473	2427	2378	2319	2261	2202	2133	2062	1988	1910											
1830	1755	1665	1581	1484	1380	1255	1107	941	734											
494	340	251	170	91	32	0														