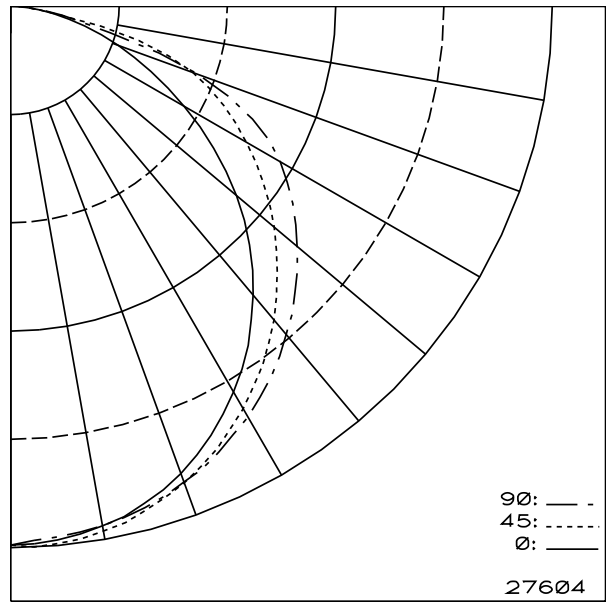


Day-Brite Lighting Photometric Data
 IES File 27604.IES, printed on 2/22/2010

IESNA:LM-63-2002
 [TEST] 27604
 [TESTDATE] 07/29/2008
 [LUMCAT] 2AVEG254HO-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
 2 lamps, 4400 Lumens/lp, Total fixt. lumens = 5763, Fixt. Eff. = 65.5%
 Ballast Factor 1.000, Input Watts = 111
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 51.9



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	1503	17.1	26.1	0	1921	1921	1921	
(0-40)	2476	28.1	43.0	5	1910	1923	1899	103
(0-60)	4467	50.8	77.5	10	1881	1900	1881	180
(0-90)	5763	65.5	100.0	15	1835	1860	1850	263
				20	1773	1808	1805	337
				25	1688	1740	1754	401
				30	1588	1657	1691	451
				35	1476	1564	1616	488
				40	1344	1460	1527	510
				45	1203	1343	1434	515
				50	1050	1226	1332	507
				55	883	1099	1227	483
				60	713	969	1109	447
				65	551	838	951	395
				70	407	690	712	320
				75	273	472	368	212
				80	155	172	185	111
				85	62	60	66	40
				90	6	1	1	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	2289	2555	2729
50	2198	2566	2788
55	2071	2578	2878
60	1919	2608	2984
65	1754	2668	3028
70	1601	2714	2801
75	1419	2454	1913
80	1201	1333	1433
85	957	926	1019

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

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	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	3	3	1	1	1			
2	15	11	9	6	12	10	7	6	7	5	4	4	3	2	1	1	1			
3	15	11	7	5	13	9	6	4	6	4	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	13	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			

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	1921	1921	1921	1921	1921
2.5	1918	1926	1930	1918	1906
5.0	1910	1920	1923	1913	1899
7.5	1898	1908	1915	1905	1891
10.0	1881	1893	1900	1891	1881
12.5	1864	1876	1886	1879	1867
15.0	1835	1849	1860	1859	1850
17.5	1808	1820	1835	1839	1830
20.0	1773	1788	1808	1813	1805
22.5	1732	1752	1775	1787	1785
25.0	1688	1709	1740	1754	1754
27.5	1639	1661	1697	1718	1720
30.0	1588	1615	1657	1686	1691
32.5	1534	1562	1609	1645	1653
35.0	1476	1505	1564	1604	1616
37.5	1408	1443	1511	1559	1574
40.0	1344	1382	1460	1514	1527
42.5	1277	1317	1402	1465	1485
45.0	1203	1248	1343	1412	1434
47.5	1129	1178	1284	1361	1386
50.0	1050	1107	1226	1308	1332
52.5	967	1034	1164	1252	1281
55.0	883	956	1099	1197	1227
57.5	800	884	1036	1140	1169
60.0	713	808	969	1079	1109
62.5	632	735	905	1012	1040
65.0	551	663	838	935	951
67.5	477	593	766	837	841
70.0	407	526	690	722	712
72.5	339	459	590	580	553
75.0	273	396	472	408	368
77.5	213	330	330	253	254
80.0	155	256	172	179	185
82.5	107	157	108	121	125
85.0	62	59	60	66	66
87.5	25	21	23	24	24
90.0	6	2	1	1	1

Photometric Data in IES format

IESNA:LM-63-2002
 [TEST] 27604
 [TESTDATE] 07/29/2008
 [LUMCAT] 2AVEG254HO-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

2	4400	1	37	5	1	1	2	4	0
1	1	111							
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					
1921	1918	1910	1898	1881	1864	1835	1808	1773	1732
1688	1639	1588	1534	1476	1408	1344	1277	1203	1129
1050	967	883	800	713	632	551	477	407	339
273	213	155	107	62	25	6			
1921	1926	1920	1908	1893	1876	1849	1820	1788	1752
1709	1661	1615	1562	1505	1443	1382	1317	1248	1178
1107	1034	956	884	808	735	663	593	526	459
396	330	256	157	59	21	2			
1921	1930	1923	1915	1900	1886	1860	1835	1808	1775
1740	1697	1657	1609	1564	1511	1460	1402	1343	1284
1226	1164	1099	1036	969	905	838	766	690	590
472	330	172	108	60	23	1			
1921	1918	1913	1905	1891	1879	1859	1839	1813	1787
1754	1718	1686	1645	1604	1559	1514	1465	1412	1361
1308	1252	1197	1140	1079	1012	935	837	722	580
408	253	179	121	66	24	1			
1921	1906	1899	1891	1881	1867	1850	1830	1805	1785
1754	1720	1691	1653	1616	1574	1527	1485	1434	1386
1332	1281	1227	1169	1109	1040	951	841	712	553
368	254	185	125	66	24	1			