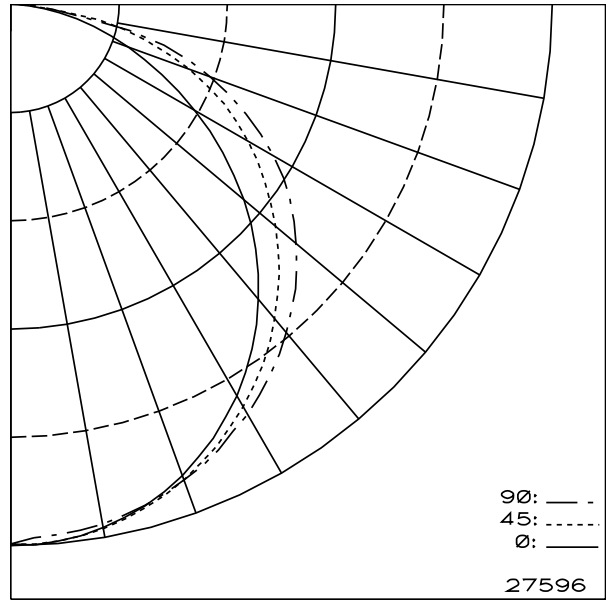


Day-Brite Lighting Photometric Data
 IES File 27596.IES, printed on 2/22/2010



IESNA:LM-63-2002
 [TEST] 27596
 [TESTDATE] 07/24/2008
 [LUMCAT] 2AVDG328-PMW-EB
 [LUMINAIRE] 2X4 ARIOSO MID-DEPTH SEMI-RECESSED W/
 PERF
 [LAMP] F28T5
 [BALLAST] TRIAD B228PUNV-C
 [MANUFAC] DayBrite Group*
 [TESTLAB] Daybrite Lighting Photometric
 Laboratory, Tupelo, MS
 [MORE] NVLAP laboratory code 200016-0
 [ISSUEDATE] 7/25/2008
 [_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, 2600 Lumens/lp, Total fixt. lumens = 5612, Fixt. Eff. = 72.0%
 Ballast Factor 1.000, Input Watts = 97
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 57.9

Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	1433	18.4	25.5	0	1832	1832	1832	
(0-40)	2363	30.3	42.1	5	1830	1830	1808	98
(0-60)	4275	54.8	76.2	10	1804	1808	1792	171
(0-90)	5612	72.0	100.0	15	1763	1769	1761	250
				20	1703	1719	1719	321
				25	1626	1655	1669	382
				30	1535	1578	1608	431
				35	1428	1493	1535	467
				40	1307	1393	1455	488
				45	1176	1289	1367	495
				50	1033	1173	1264	487
				55	879	1053	1157	465
				60	720	930	1030	429
				65	566	799	881	377
				70	425	644	720	314
				75	292	476	538	240
				80	168	300	241	139
				85	65	73	101	57
				90	5	17	36	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	2192	2349	2497
50	2110	2333	2521
55	2002	2324	2562
60	1870	2325	2585
65	1725	2324	2575
70	1581	2259	2542
75	1409	2124	2421
80	1164	1859	1511
85	811	749	1056

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	86	86	86	86	84	84	84	84	80	80	80	77	77	77	73	73	73				
1	78	74	71	68	76	73	70	67	70	67	65	67	65	63	64	63	61				
2	71	64	59	55	69	63	58	54	60	56	53	58	55	52	56	53	51				
3	64	56	50	45	62	55	49	45	53	48	44	51	47	43	49	45	42				
4	58	50	43	38	57	49	42	38	47	41	37	45	40	37	43	39	36				
5	54	44	37	33	52	43	37	32	42	36	32	40	35	32	39	35	31				
6	50	40	33	28	48	39	33	28	38	32	28	36	31	28	35	31	27				
7	46	36	29	25	45	35	29	25	34	29	25	33	28	24	32	28	24				
8	43	33	26	22	41	32	26	22	31	26	22	30	25	22	29	25	22				
9	40	30	24	20	39	30	24	20	29	23	20	28	23	20	27	23	19				
10	37	28	22	18	36	27	22	18	27	21	18	26	21	18	25	21	18				

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	0
1	34	23	13	4	33	23	13	4	22	12	4	21	12	4	20	12	4				
2	34	22	12	4	33	21	12	4	20	11	4	20	11	3	19	11	3				
3	32	20	11	3	31	20	11	3	19	10	3	18	10	3	18	10	3				
4	30	18	10	3	30	18	9	3	17	9	3	17	9	3	16	9	3				
5	29	17	9	3	28	17	9	2	16	8	2	16	8	2	15	8	2				
6	27	16	8	2	27	15	8	2	15	8	2	14	7	2	14	7	2				
7	26	15	7	2	25	14	7	2	14	7	2	13	7	2	13	7	2				
8	25	14	7	2	24	13	7	2	13	6	2	13	6	2	12	6	2				
9	23	13	6	2	23	13	6	2	12	6	2	12	6	2	11	6	2				
10	22	12	6	2	22	12	6	2	11	6	2	11	6	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	14	14	14	14	12	12	12	12	8	8	8	5	5	5	1	1	1				
1	15	13	11	10	13	11	10	8	8	7	6	4	4	3	1	1	1				
2	16	12	9	7	14	11	8	6	7	6	4	4	3	2	1	1	1				
3	17	12	8	5	14	10	7	5	7	5	3	4	3	2	1	1	1				
4	17	11	7	4	14	10	6	4	7	4	3	4	3	1	1	1	0				
5	17	11	7	3	15	9	6	3	6	4	2	4	2	1	1	1	0				
6	17	10	6	3	14	9	5	2	6	4	2	4	2	1	1	1	0				
7	17	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	6	3	1	3	2	1	1	1	0				
9	16	9	5	2	14	8	4	2	5	3	1	3	2	1	1	1	0				
10	15	9	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	1832	1832	1832	1832	1832
2.5	1838	1841	1835	1824	1813
5.0	1830	1834	1830	1817	1808
7.5	1820	1823	1821	1809	1801
10.0	1804	1809	1808	1799	1792
12.5	1785	1788	1790	1784	1777
15.0	1763	1766	1769	1766	1761
17.5	1735	1735	1746	1744	1741
20.0	1703	1707	1719	1724	1719
22.5	1664	1673	1686	1697	1697
25.0	1626	1636	1655	1668	1669
27.5	1580	1591	1615	1631	1634
30.0	1535	1546	1578	1600	1608
32.5	1483	1499	1535	1567	1572
35.0	1428	1446	1493	1525	1535
37.5	1371	1393	1446	1482	1498
40.0	1307	1336	1393	1439	1455
42.5	1243	1273	1340	1396	1410
45.0	1176	1211	1289	1347	1367
47.5	1107	1144	1231	1294	1316
50.0	1033	1076	1173	1242	1264
52.5	955	1005	1113	1188	1212
55.0	879	940	1053	1130	1157
57.5	802	871	994	1076	1098
60.0	720	802	930	1008	1030
62.5	643	729	864	937	957
65.0	566	659	799	864	881
67.5	491	591	720	781	802
70.0	425	522	644	702	720
72.5	356	455	560	615	636
75.0	292	391	476	527	538
77.5	229	325	395	426	413
80.0	168	253	300	262	241
82.5	115	175	163	143	151
85.0	65	98	73	92	101
87.5	26	22	36	57	65
90.0	5	4	17	29	36

Photometric Data in IES format

IESNA:LM-63-2002
[TEST] 27596
[TESTDATE] 07/24/2008
[LUMCAT] 2AVDG328-PMW-EB
[LUMINAIRE] 2X4 ARIOSO MID-DEPTH SEMI-RECESSED W/ PERF
[LAMP] F28T5
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[MANUFAC] DayBrite Group*
[TESTLAB] Daybrite Lighting Photometric Laboratory, Tupelo, MS
[MORE] NVLAP laboratory code 200016-0
[ISSUEDATE] 7/25/2008
[_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	2600	1	37	5	1	1	2	4	0.0833											
	1	1	97																	
	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															
1832	1838	1830	1820	1804	1785	1763	1735	1703	1664											
1626	1580	1535	1483	1428	1371	1307	1243	1176	1107											
1033	955	879	802	720	643	566	491	425	356											
292	229	168	115	65	26	5														
1832	1841	1834	1823	1809	1788	1766	1735	1707	1673											
1636	1591	1546	1499	1446	1393	1336	1273	1211	1144											
1076	1005	940	871	802	729	659	591	522	455											
391	325	253	175	98	22	4														
1832	1835	1830	1821	1808	1790	1769	1746	1719	1686											
1655	1615	1578	1535	1493	1446	1393	1340	1289	1231											
1173	1113	1053	994	930	864	799	720	644	560											
476	395	300	163	73	36	17														
1832	1824	1817	1809	1799	1784	1766	1744	1724	1697											
1668	1631	1600	1567	1525	1482	1439	1396	1347	1294											
1242	1188	1130	1076	1008	937	864	781	702	615											
527	426	262	143	92	57	29														
1832	1813	1808	1801	1792	1777	1761	1741	1719	1697											
1669	1634	1608	1572	1535	1498	1455	1410	1367	1316											
1264	1212	1157	1098	1030	957	881	802	720	636											
538	413	241	151	101	65	36														