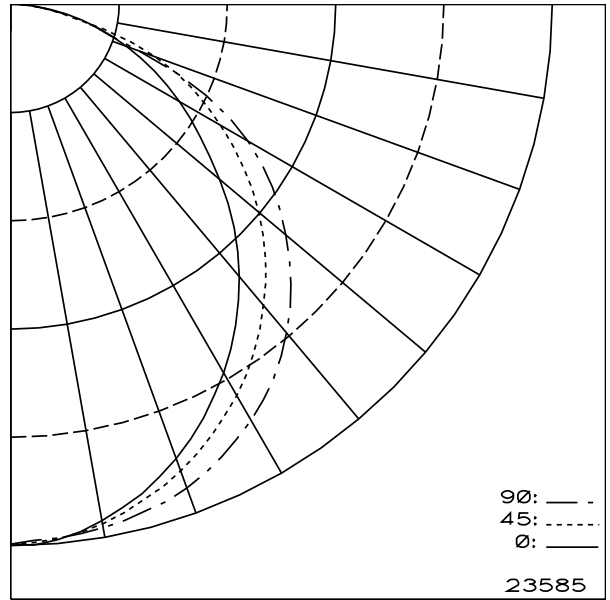
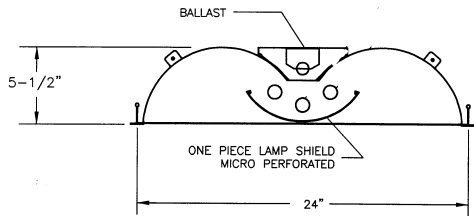


Day-Brite Lighting Photometric Data  
 Test # 23585 (Rep Gen v4.0)  
 IES File 23585.IES, printed on 2/22/2010



TEST DATE 03/10/2003  
 Reflection factor 0.91, Test distance = 26  
 ft. Shielding angle: normal 90, Parallel 90  
 CAT NO.: 2AVG332-LMWS-1/21-EB  
 DESCRIPTION: 2X4 ARIOSO W/ PERFORATED WHITE MATTE  
 SHIELD & 0.40 WHITE OVERLAY  
 LAMP: F32T8  
 BALLAST: ADVANCE REL-2P32-RH & REL-1P32-RH  
 3 lamps, 2850 Lumens/lp, Total fixt. lumens = 5111, Fixt. Eff. = 59.8%  
 Ballast Factor 0.880, Input Watts = 88  
 LER = (Fixt-Eff \* Lp-Lumens \* BF) / Watts = 51.1

Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	1394	16.3	27.3	0	1810	1810	1810	
(0-40)	2283	26.7	44.7	5	1802	1799	1797	97
(0-60)	4044	47.3	79.1	10	1758	1769	1782	168
(0-90)	5111	59.8	100.0	15	1699	1720	1757	244
				20	1621	1665	1726	313
				25	1530	1594	1674	370
				30	1427	1515	1611	415
				35	1314	1422	1535	447
				40	1192	1317	1438	463
				45	1059	1208	1328	464
				50	914	1086	1203	449
				55	775	952	1071	420
				60	653	812	918	379
				65	532	674	722	323
				70	413	516	456	245
				75	300	323	293	166
				80	189	167	177	101
				85	84	74	74	48
				90	18	7	0	

Zone	Average Luminance (Cd/sq. m)		
	Par(0)	45	Nrm(90)
45	2125	2424	2665
50	2017	2397	2655
55	1917	2355	2649
60	1853	2304	2605
65	1786	2263	2424
70	1713	2141	1892
75	1645	1771	1606
80	1544	1365	1446
85	1367	1205	1205

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 / / \_\_\_\_\_  
 \*\*\*\*\*  
 Page 1 of 4 TESTED IN ACCORDANCE WITH IES PROCEDURE LM-41-1998

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

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

Day-Brite Lighting Photometric Data  
 Test # 23585 (Rep Gen v4.0)  
 IES File 23585.IES, printed on 2/22/2010

-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	1810	1810	1810	1810	1810
2.5	1815	1814	1806	1801	1799
5.0	1802	1802	1799	1797	1797
7.5	1784	1784	1787	1788	1790
10.0	1758	1763	1769	1776	1782
12.5	1729	1736	1747	1763	1772
15.0	1699	1702	1720	1744	1757
17.5	1660	1671	1696	1727	1746
20.0	1621	1633	1665	1705	1726
22.5	1577	1594	1631	1676	1702
25.0	1530	1550	1594	1643	1674
27.5	1477	1501	1554	1608	1642
30.0	1427	1455	1515	1574	1611
32.5	1372	1405	1471	1535	1574
35.0	1314	1351	1422	1491	1535
37.5	1253	1294	1372	1444	1488
40.0	1192	1233	1317	1393	1438
42.5	1126	1173	1265	1339	1387
45.0	1059	1111	1208	1283	1328
47.5	987	1045	1148	1223	1267
50.0	914	978	1086	1159	1203
52.5	842	909	1021	1093	1139
55.0	775	841	952	1026	1071
57.5	714	780	883	958	998
60.0	653	716	812	882	918
62.5	592	655	742	805	828
65.0	532	593	674	711	722
67.5	472	531	599	606	601
70.0	413	470	516	485	456
72.5	353	409	425	352	349
75.0	300	348	323	284	293
77.5	244	283	218	230	235
80.0	189	210	167	174	177
82.5	135	131	117	119	122
85.0	84	76	74	72	74
87.5	42	42	39	36	33
90.0	18	19	7	1	0

This photometric test was performed using a specific ballast/lamp combination. Extrapolation of these data for other ballast/lamp combinations may produce erroneous results. The results were obtained using relative photometry in which the ballast(s) and lamp(s) are presumed to produce 100% of rated output. The ballast factor shown on this test report must be applied as a correction factor to the lumen output rating assigned to the lamp(s) or, correspondingly, to the candlepower values shown

Day-Brite Lighting Photometric Data  
 Test # 23585 (Rep Gen v4.0)  
 IES File 23585.IES, printed on 2/22/2010

Photometric Data in IES format

IESNA:LM-63-1995  
 [TEST] 23585  
 [DATE] 03/10/2003  
 [OTHER] Reflection factor 0.91, Test distance = 26 ft. Shielding angle: normal  
 [MORE] 90, Parallel 90  
 [LUMCAT] 2AVG332-LMWS-1/21-EB  
 [LUMINAIRE] 2X4 ARIOSO W/ PERFORATED WHITE MATTE SHIELD & 0.40 WHITE OVERLAY  
 [LAMP] F32T8  
 [BALLAST] ADVANCE REL-2P32-RH & REL-1P32-RH  
 [MANUFAC] DayBrite Group\*  
 [\_TIFF FILE NAME] 2AV332  
 [\_VERSION] fo2ies 3.0a

TILT=NONE

3	2850	1	37	5	1	1	1.9166	3.9583	0										
	0.88	1	88																
	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														
	1810	1815	1802	1784	1758	1729	1699	1660	1621	1577									
	1530	1477	1427	1372	1314	1253	1192	1126	1059	987									
	914	842	775	714	653	592	532	472	413	353									
	300	244	189	135	84	42	18												
	1810	1814	1802	1784	1763	1736	1702	1671	1633	1594									
	1550	1501	1455	1405	1351	1294	1233	1173	1111	1045									
	978	909	841	780	716	655	593	531	470	409									
	348	283	210	131	76	42	19												
	1810	1806	1799	1787	1769	1747	1720	1696	1665	1631									
	1594	1554	1515	1471	1422	1372	1317	1265	1208	1148									
	1086	1021	952	883	812	742	674	599	516	425									
	323	218	167	117	74	39	7												
	1810	1801	1797	1788	1776	1763	1744	1727	1705	1676									
	1643	1608	1574	1535	1491	1444	1393	1339	1283	1223									
	1159	1093	1026	958	882	805	711	606	485	352									
	284	230	174	119	72	36	1												
	1810	1799	1797	1790	1782	1772	1757	1746	1726	1702									
	1674	1642	1611	1574	1535	1488	1438	1387	1328	1267									
	1203	1139	1071	998	918	828	722	601	456	349									
	293	235	177	122	74	33	0												