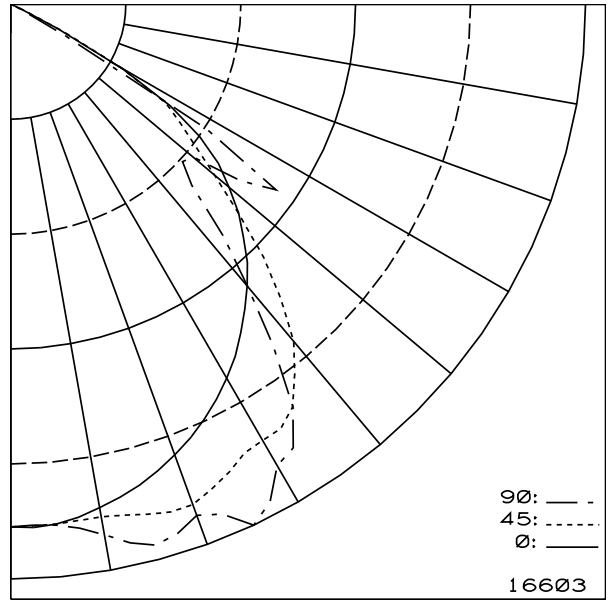


Day-Brite Lighting Photometric Data
 Test # 16603 (Rep Gen v4.0)
 IES File 16603.IES, printed on 2/22/2010



TEST DATE 2/22/95
 REFL. FACTOR: .93 TEST DISTANCE: 26
 FT.SHIELDING ANGLE: -NOR 32 -PAR 30
 CAT NO.: 6MP3GA432-48FL-1/4-EB
 DESCRIPTION: DAY-BRITE 2X4 HARD METRIC FIXTURE
 W/32-CELL FULL SPEC LOUVER
 LAMP: F32T8

BALLAST: TRIAD B432I120RH
 4 lamps, 2900 Lumens/lp, Total fixt. lumens = 8147, Fixt. Eff. = 70.2%
 Ballast Factor 0.910, Input Watts = 110
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 67.4

Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	2926	25.2	35.9	0	3511	3511	3511	
(0-40)	4864	41.9	59.7	5	3506	3506	3513	188
(0-60)	7959	68.6	97.7	10	3435	3497	3620	335
(0-90)	8147	70.2	100.0	15	3344	3547	3762	503
				20	3221	3577	3654	654
				25	3076	3469	3861	800
				30	2901	3384	3579	916
				35	2694	3302	3305	983
				40	2471	2956	2476	951
				45	2210	2400	1718	850
				50	1914	1787	1597	775
				55	1548	1389	2175	743
				60	866	864	420	391
				65	78	92	19	49
				70	10	8	6	4
				75	6	5	3	3
				80	4	3	2	2
				85	3	2	1	2
				90	2	1	0	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	4993	5422	3881
50	4757	4441	3969
55	4311	3869	6058
60	2767	2761	1342
65	295	348	72
70	47	37	28
75	37	31	19
80	37	28	18
85	55	37	18

Spacing Criteria: 0 plane = 1.2, 45 plane = 1.4, 90 plane = 1.4

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	84	84	84	84	82	82	82	82	78	78	78	75	75	75	72	72	72			
1	78	76	74	72	77	74	72	70	71	70	68	69	67	66	66	65	64			
2	73	68	64	61	71	67	64	61	65	62	59	62	60	58	60	58	57			
3	67	61	57	53	66	60	56	52	58	55	52	56	53	51	55	52	50			
4	62	55	50	46	61	54	49	46	53	48	45	51	47	45	50	47	44			
5	58	50	44	40	56	49	44	40	48	43	40	46	42	39	45	42	39			
6	54	45	40	36	52	45	39	35	43	39	35	42	38	35	41	38	35			
7	50	41	36	32	49	41	35	32	40	35	31	39	34	31	38	34	31			
8	46	38	32	28	45	37	32	28	36	32	28	36	31	28	35	31	28			
9	43	35	29	26	42	34	29	26	33	29	26	33	28	25	32	28	25			
10	41	32	27	23	40	32	27	23	31	26	23	30	26	23	30	26	23			

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

Day-Brite Lighting Photometric Data
 Test # 16603 (Rep Gen v4.0)
 IES File 16603.IES, printed on 2/22/2010

-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	3511	3511	3511	3511	3511
2.5	3519	3511	3508	3507	3503
5.0	3506	3497	3506	3513	3513
7.5	3477	3474	3498	3532	3550
10.0	3435	3445	3497	3583	3620
12.5	3392	3408	3516	3653	3707
15.0	3344	3374	3547	3718	3762
17.5	3286	3335	3577	3711	3729
20.0	3221	3292	3577	3651	3654
22.5	3153	3253	3526	3595	3708
25.0	3076	3219	3469	3686	3861
27.5	2992	3174	3400	3735	3770
30.0	2901	3118	3384	3586	3579
32.5	2806	3046	3378	3450	3533
35.0	2694	2952	3302	3318	3305
37.5	2582	2858	3133	3041	2898
40.0	2471	2745	2956	2652	2476
42.5	2352	2627	2685	2247	2115
45.0	2210	2501	2400	1883	1718
47.5	2076	2368	2069	1623	1565
50.0	1914	2192	1787	1541	1597
52.5	1757	1963	1561	1584	1950
55.0	1548	1675	1389	1755	2175
57.5	1269	1291	1235	1559	1558
60.0	866	818	864	888	420
62.5	357	388	398	174	90
65.0	78	111	92	38	19
67.5	15	15	14	11	9
70.0	10	9	8	7	6
72.5	7	7	6	5	5
75.0	6	6	5	4	3
77.5	5	4	4	3	2
80.0	4	4	3	2	2
82.5	4	4	2	2	1
85.0	3	3	2	1	1
87.5	3	2	2	1	0
90.0	2	2	1	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 # 16603 (Rep Gen v4.0)
 IES File 16603.IES, printed on 2/22/2010

Photometric Data in IES format

IESNA:LM-63-1995
 [TEST] 16603
 [DATE] 2/22/95
 [OTHER] REFL. FACTOR: .93 TEST DISTANCE: 26 FT.SHIELDING ANGLE: -NOR 32
 [MORE] -PAR 30
 [LUMCAT] 6MP3GA432-48FL-1/4-EB
 [LUMINAIRE] DAY-BRITE 2X4 HARD METRIC FIXTURE W/32-CELL FULL SPEC LOUVER
 [LAMP] F32T8
 [BALLAST] TRIAD B432I120RH
 [MANUFAC] DayBrite Group*
 TILT=NONE

4	2900	1	37	5	1	1	1.7817	3.7817	0										
	0.91	1	110																
	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														
	3511	3519	3506	3477	3435	3392	3344	3286	3221	3153									
	3076	2992	2901	2806	2694	2582	2471	2352	2210	2076									
	1914	1757	1548	1269	866	357	78	15	10	7									
	6	5	4	4	3	3	2												
	3511	3511	3497	3474	3445	3408	3374	3335	3292	3253									
	3219	3174	3118	3046	2952	2858	2745	2627	2501	2368									
	2192	1963	1675	1291	818	388	111	15	9	7									
	6	4	4	4	3	2	2												
	3511	3508	3506	3498	3497	3516	3547	3577	3577	3526									
	3469	3400	3384	3378	3302	3133	2956	2685	2400	2069									
	1787	1561	1389	1235	864	398	92	14	8	6									
	5	4	3	2	2	2	1												
	3511	3507	3513	3532	3583	3653	3718	3711	3651	3595									
	3686	3735	3586	3450	3318	3041	2652	2247	1883	1623									
	1541	1584	1755	1559	888	174	38	11	7	5									
	4	3	2	2	1	1	1												
	3511	3503	3513	3550	3620	3707	3762	3729	3654	3708									
	3861	3770	3579	3533	3305	2898	2476	2115	1718	1565									
	1597	1950	2175	1558	420	90	19	9	6	5									
	3	2	2	1	1	0	0												