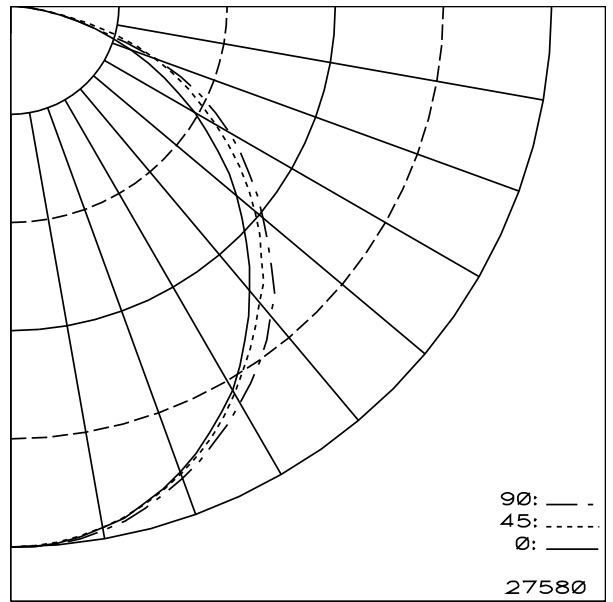


Day-Brite Lighting Photometric Data
 IES File 27580.IES, printed on 2/22/2010

IESNA:LM-63-2002
 [TEST] 27580
 [TESTDATE] 07/17/2008
 [LUMCAT] 2AVEG214-FGL-EB
 [LUMINAIRE] 2X2 ARIOSO ESSENCE FULL RECESSED W/
 GLASS
 [LAMP] F14T5
 [BALLAST] TRIAD B228PUNV-C
 [MANUFAC] DayBrite Group*
 [TESTLAB] Daybrite Lighting Photometric
 Laboratory, Tupelo, MS
 [MORE] NVLAP laboratory code 200016-0
 [ISSUEDATE] 7/21/2008
 [_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, 1200 Lumens/lp, Total fixt. lumens = 1574, Fixt. Eff. = 65.6%
 Ballast Factor 1.000, Input Watts = 34
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 46.3



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	432	18.0	27.5	0	562	562	562	
(0-40)	705	29.4	44.8	5	560	559	561	30
(0-60)	1242	51.8	78.9	10	550	550	553	52
(0-90)	1574	65.6	100.0	15	535	536	540	76
				20	515	517	522	97
				25	489	494	500	114
				30	461	465	476	128
				35	424	434	451	137
				40	386	402	420	142
				45	346	368	383	142
				50	306	331	342	137
				55	263	290	302	128
				60	221	246	262	116
				65	176	204	217	100
				70	133	160	161	79
				75	91	111	92	54
				80	52	57	53	30
				85	21	22	19	13
				90	4	1	1	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	1317	1400	1458
50	1281	1386	1432
55	1234	1361	1417
60	1189	1324	1410
65	1121	1299	1382
70	1046	1259	1267
75	946	1154	957
80	806	883	821
85	648	679	587

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	70	67	64	62	64	62	60	61	60	58	59	58	56			
2	65	59	55	51	63	58	54	51	56	52	49	54	51	48	52	49	47			
3	59	52	47	42	57	51	46	42	49	45	41	47	44	41	46	43	40			
4	54	46	40	36	53	45	40	36	44	39	35	42	38	35	41	37	34			
5	50	41	35	31	48	40	35	31	39	34	30	38	33	30	37	33	30			
6	46	37	31	27	45	36	31	27	35	30	27	34	30	26	33	29	26			
7	43	34	28	24	41	33	28	24	32	27	24	31	27	23	30	26	23			
8	40	31	25	21	39	30	25	21	29	24	21	29	24	21	28	24	21			
9	37	28	23	19	36	28	23	19	27	22	19	26	22	19	26	22	19			
10	35	26	21	17	34	26	21	17	25	20	17	24	20	17	24	20	17			

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	11	4	29	20	11	4	19	11	3	18	10	3	17	10	3			
2	29	19	10	3	29	19	10	3	18	10	3	17	10	3	16	9	3			
3	28	18	9	3	28	17	9	3	17	9	3	16	9	3	15	9	3			
4	27	16	8	2	26	16	8	2	15	8	2	15	8	2	14	8	2			
5	26	15	8	2	25	15	8	2	14	7	2	14	7	2	13	7	2			
6	24	14	7	2	24	14	7	2	13	7	2	13	7	2	12	7	2			
7	23	13	6	2	23	13	6	2	12	6	2	12	6	2	12	6	2			
8	22	12	6	2	21	12	6	2	12	6	2	11	6	2	11	6	2			
9	21	11	6	2	20	11	5	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	14	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	12	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
 IES File 27580.IES, printed on 2/22/2010

-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	562	562	562	562	562
2.5	562	561	561	561	562
5.0	560	558	559	559	561
7.5	556	555	555	556	558
10.0	550	549	550	551	553
12.5	545	544	544	546	548
15.0	535	535	536	538	540
17.5	526	526	527	530	531
20.0	515	515	517	520	522
22.5	503	503	506	509	512
25.0	489	490	494	497	500
27.5	475	476	480	485	489
30.0	461	461	465	472	476
32.5	443	444	449	458	464
35.0	424	427	434	444	451
37.5	406	408	418	429	437
40.0	386	390	402	413	420
42.5	367	371	389	397	406
45.0	346	350	368	379	383
47.5	326	333	351	360	362
50.0	306	313	331	339	342
52.5	286	292	311	318	323
55.0	263	272	290	298	302
57.5	241	251	268	278	283
60.0	221	231	246	257	262
62.5	197	210	224	236	240
65.0	176	189	204	215	217
67.5	155	167	182	191	191
70.0	133	146	160	164	161
72.5	111	122	137	132	126
75.0	91	101	111	101	92
77.5	71	80	83	71	70
80.0	52	58	57	53	53
82.5	35	38	37	37	35
85.0	21	21	22	19	19
87.5	11	10	9	7	6
90.0	4	2	1	1	1

Photometric Data in IES format

IESNA:LM-63-2002
 [TEST] 27580
 [TESTDATE] 07/17/2008
 [LUMCAT] 2AVEG214-FGL-EB
 [LUMINAIRE] 2X2 ARIOSO ESSENCE FULL RECESSED W/ GLASS
 [LAMP] F14T5
 [BALLAST] TRIAD B228PUNV-C
 [MANUFAC] DayBrite Group*
 [TESTLAB] Daybrite Lighting Photometric Laboratory, Tupelo, MS
 [MORE] NVLAP laboratory code 200016-0
 [ISSUEDATE] 7/21/2008
 [_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	1200	1	37	5	1	1	2	2	0		
	1	1	34								
	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						
562	562	560	556	550	545	535	526	515	503		
489	475	461	443	424	406	386	367	346	326		
306	286	263	241	221	197	176	155	133	111		
91	71	52	35	21	11	4					
562	561	558	555	549	544	535	526	515	503		
490	476	461	444	427	408	390	371	350	333		
313	292	272	251	231	210	189	167	146	122		
101	80	58	38	21	10	2					
562	561	559	555	550	544	536	527	517	506		
494	480	465	449	434	418	402	389	368	351		
331	311	290	268	246	224	204	182	160	137		
111	83	57	37	22	9	1					
562	561	559	556	551	546	538	530	520	509		
497	485	472	458	444	429	413	397	379	360		
339	318	298	278	257	236	215	191	164	132		
101	71	53	37	19	7	1					
562	562	561	558	553	548	540	531	522	512		
500	489	476	464	451	437	420	406	383	362		
342	323	302	283	262	240	217	191	161	126		
92	70	53	35	19	6	1					