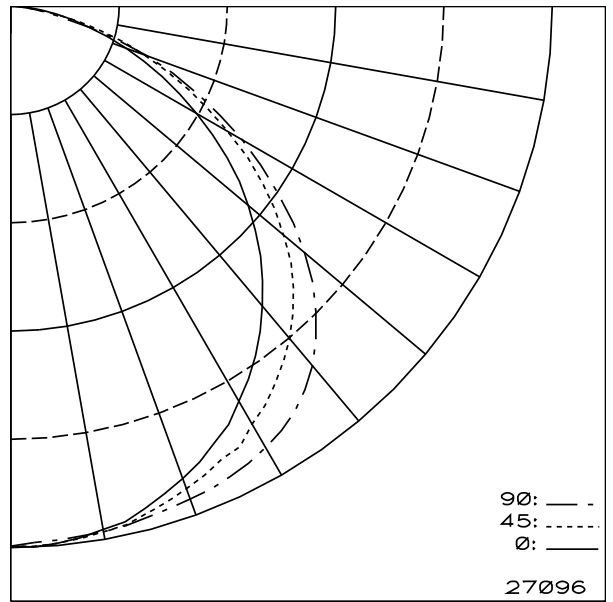


Day-Brite Lighting Photometric Data  
 IES File 27096.IES, printed on 2/22/2010

IESNA:LM-63-2002  
 [TEST] 27096  
 [TESTDATE] 11/09/2007  
 [LUMCAT] 1STG132-PMW-1/1-EB  
 [LUMINAIRE] 1X4 SOFTRACE W/ PERFORATED BASKET  
 [LAMP] F32T8  
 [BALLAST] QUICKTRONIC QTP2X32T8/UNV ISN-SC  
 [MANUFAC] DayBrite Group\*  
 [TESTLAB] Daybrite Lighting Photometric  
 Laboratory, Tupelo, MS  
 [MORE] NVLAP laboratory code 200016-0  
 [ISSUEDATE] 11/9/2007  
 [\_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  
 1 lamp, 2850 Lumens, Total fixt. lumens = 2055, Fixt. Eff. = 72.1%  
 Ballast Factor 0.880, Input Watts = 37  
 LER = (Fixt-Eff \* Lp-Lumens \* BF) / Watts = 48.9



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	556	19.5	27.0	0	697	697	697	
(0-40)	928	32.6	45.1	5	696	696	692	37
(0-60)	1667	58.5	81.1	10	686	689	689	66
(0-90)	2055	72.1	100.0	15	671	678	683	96
				20	649	663	677	124
				25	622	645	670	150
				30	589	623	658	171
				35	551	595	639	187
				40	505	560	606	196
				45	456	516	557	198
				50	400	460	495	190
				55	341	396	421	174
				60	277	323	345	151
				65	216	252	265	122
				70	158	183	187	91
				75	104	118	105	59
				80	61	56	48	31
				85	26	18	17	12
				90	4	1	1	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	2136	2417	2609
50	2061	2370	2550
55	1969	2287	2431
60	1835	2140	2285
65	1693	1975	2077
70	1530	1772	1811
75	1331	1510	1344
80	1163	1068	915
85	988	684	646

Spacing Criteria: 0 plane = 1.3, 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 / /  
 \*\*\*\*\*

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	74	74	74			
1	79	75	72	70	77	74	71	69	71	68	66	68	66	64	65	64	62			
2	72	66	61	57	70	64	60	56	62	58	55	60	56	54	57	55	53			
3	65	58	52	47	64	57	51	47	55	50	46	53	49	45	51	47	45			
4	60	51	45	40	58	50	44	40	48	43	39	47	42	39	45	41	38			
5	55	46	39	34	53	45	39	34	43	38	34	42	37	34	41	36	33			
6	51	41	35	30	49	40	34	30	39	34	30	38	33	29	37	32	29			
7	47	37	31	26	46	37	31	26	35	30	26	34	30	26	33	29	26			
8	44	34	28	24	43	33	28	23	32	27	23	32	27	23	31	26	23			
9	41	31	25	21	40	31	25	21	30	25	21	29	24	21	28	24	21			
10	38	29	23	19	37	28	23	19	28	22	19	27	22	19	26	22	19			

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	32	21	12	4	31	21	12	4	20	11	4	19	11	4	18	11	3			
2	32	20	11	3	31	20	11	3	19	11	3	18	10	3	18	10	3			
3	31	19	10	3	30	19	10	3	18	10	3	17	9	3	17	9	3			
4	29	18	9	3	28	17	9	3	17	9	3	16	9	3	16	8	3			
5	28	16	8	2	27	16	8	2	16	8	2	15	8	2	14	8	2			
6	27	15	8	2	26	15	8	2	14	7	2	14	7	2	14	7	2			
7	25	14	7	2	25	14	7	2	14	7	2	13	7	2	13	7	2			
8	24	13	7	2	24	13	6	2	13	6	2	12	6	2	12	6	2			
9	23	13	6	2	22	12	6	2	12	6	2	12	6	2	11	6	2			
10	22	12	6	2	21	12	6	2	11	6	2	11	5	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	10	7	13	11	8	6	7	6	4	4	3	3	1	1	1			
3	16	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	2	1	1	1			
5	17	11	7	3	14	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	16	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	13	8	4	2	5	3	1	3	2	1	1	1	0			
10	15	8	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	697	697	697	697	697
2.5	699	699	698	695	693
5.0	696	697	696	693	692
7.5	692	693	693	691	690
10.0	686	688	689	689	689
12.5	682	684	686	686	687
15.0	671	673	678	682	683
17.5	660	663	671	676	680
20.0	649	653	663	672	677
22.5	637	642	655	668	675
25.0	622	628	645	662	670
27.5	609	619	641	657	665
30.0	589	597	623	648	658
32.5	571	580	611	639	650
35.0	551	563	595	627	639
37.5	529	542	578	612	624
40.0	505	519	560	594	606
42.5	481	499	539	573	583
45.0	456	472	516	547	557
47.5	428	447	491	519	529
50.0	400	419	460	488	495
52.5	372	390	429	454	460
55.0	341	358	396	417	421
57.5	309	326	362	378	383
60.0	277	295	323	342	345
62.5	246	261	287	302	304
65.0	216	229	252	262	265
67.5	186	198	217	224	227
70.0	158	167	183	187	187
72.5	131	139	152	149	145
75.0	104	113	118	111	105
77.5	82	88	88	74	69
80.0	61	66	56	48	48
82.5	41	45	33	31	31
85.0	26	22	18	18	17
87.5	11	8	7	6	6
90.0	4	2	1	1	1

Photometric Data in IES format

IESNA:LM-63-2002  
 [TEST] 27096  
 [TESTDATE] 11/09/2007  
 [LUMCAT] 1STG132-PMW-1/1-EB  
 [LUMINAIRE] 1X4 SOFTRACE W/ PERFORATED BASKET  
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 [MANUFAC] DayBrite Group\*  
 [TESTLAB] Daybrite Lighting Photometric Laboratory, Tupelo, MS  
 [MORE] NVLAP laboratory code 200016-0  
 [ISSUEDATE] 11/9/2007  
 [\_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

1	2850	1	37	5	1	1	0.8125	4	0										
	0.88		1	37															
	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														
	697	699	696	692	686	682	671	660	649	637									
	622	609	589	571	551	529	505	481	456	428									
	400	372	341	309	277	246	216	186	158	131									
	104	82	61	41	26	11	4												
	697	699	697	693	688	684	673	663	653	642									
	628	619	597	580	563	542	519	499	472	447									
	419	390	358	326	295	261	229	198	167	139									
	113	88	66	45	22	8	2												
	697	698	696	693	689	686	678	671	663	655									
	645	641	623	611	595	578	560	539	516	491									
	460	429	396	362	323	287	252	217	183	152									
	118	88	56	33	18	7	1												
	697	695	693	691	689	686	682	676	672	668									
	662	657	648	639	627	612	594	573	547	519									
	488	454	417	378	342	302	262	224	187	149									
	111	74	48	31	18	6	1												
	697	693	692	690	689	687	683	680	677	675									
	670	665	658	650	639	624	606	583	557	529									
	495	460	421	383	345	304	265	227	187	145									
	105	69	48	31	17	6	1												