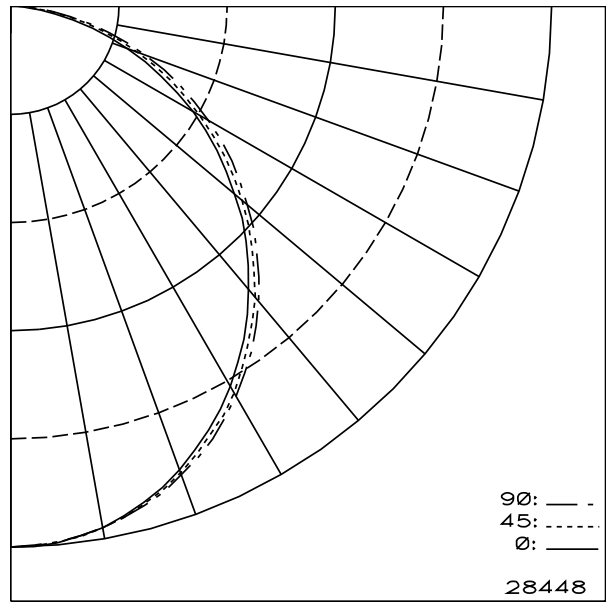


IESNA:LM-63-2002
 [TEST] 28448
 [TESTDATE] 08/07/2009
 [LUMCAT] 1STB132PLT-D-1/1-EB
 [LUMINAIRE] 1X1 SOFTRACE CFL W/ CENTER MAKROLON
 LENS
 [LAMP] CFT32W
 [BALLAST] TRIAD C2642UNVSE
 [MANUFAC] DayBrite Group
 [TESTLAB] Daybrite Lighting Photometric
 Laboratory, Tupelo, MS
 [MORE] NVLAP laboratory code 200016-0
 [ISSUEDATE] 8/12/2009
 [_TEST_LEVEL]
 [_TIFF_FILE_NAME]
 [_VERSION] fo2ies 3.0d(90)
 [OTHER]Test distance = 30 ft.
 [OTHER]Shielding angle: normal 90, Parallel 90
 1 lamp, 2400 Lumens, Total fixt. lumens = 1951, Fixt. Eff. = 81.3%
 Ballast Factor 1.000, Input Watts = 36
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 54.2



Zonal Lumen Summary				-----CANDELA-----				Zonal
Zone	LUMENS	%LAMP	%FIXTURE	Zone	Par(0)	45	Nrm(90)	Lumens
(0-30)	550	22.9	28.2	0	717	717	717	
(0-40)	893	37.2	45.8	5	714	713	713	38
(0-60)	1550	64.6	79.4	10	702	702	702	67
(0-90)	1951	81.3	100.0	15	681	683	685	97
				20	654	658	661	123
				25	620	626	633	145
				30	582	592	597	162
				35	539	548	557	172
				40	490	504	511	177
				45	441	452	461	175
				50	387	400	409	167
				55	334	346	358	155
				60	279	289	302	137
				65	220	235	247	116
				70	164	179	190	92
				75	112	125	135	66
				80	60	75	80	40
				85	22	29	36	21
				90	8	11	12	

Average Luminance (Cd/sq. m)			
Zone	Par(0)	45	Nrm(90)
45	10169	10423	10630
50	9817	10146	10375
55	9495	9836	10177
60	9098	9424	9848
65	8488	9067	9530
70	7818	8533	9058
75	7056	7875	8505
80	5634	7042	7512
85	4116	5425	6735

Spacing Criteria: 0 plane = 1.2, 45 plane = 1.3, 90 plane = 1.2

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	97	97	97	97	95	95	95	95	90	90	90	86	86	86	83	83	83			
1	88	85	81	78	86	83	80	77	79	77	74	76	74	72	73	71	70			
2	80	74	68	64	78	72	67	63	69	65	61	67	63	60	64	61	59			
3	73	65	58	53	71	64	57	52	61	56	52	59	54	51	57	53	50			
4	67	57	50	45	65	56	50	45	54	49	44	52	47	43	51	46	43			
5	62	51	44	39	60	51	44	39	49	43	38	47	42	38	46	41	37			
6	57	46	39	34	56	46	39	34	44	38	33	43	37	33	41	37	33			
7	53	42	35	30	52	41	35	30	40	34	30	39	33	29	38	33	29			
8	49	38	31	27	48	38	31	27	37	31	26	36	30	26	35	30	26			
9	46	35	29	24	45	35	28	24	34	28	24	33	28	24	32	27	24			
10	43	33	26	22	42	32	26	22	31	26	22	31	25	22	30	25	21			

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	37	25	14	4	36	24	14	4	23	13	4	22	13	4	21	12	4			
2	36	23	13	4	35	23	13	4	22	12	4	21	12	4	20	11	4			
3	35	22	12	3	34	21	11	3	20	11	3	20	11	3	19	10	3			
4	33	20	10	3	32	20	10	3	19	10	3	18	10	3	18	10	3			
5	32	19	9	3	31	18	9	3	18	9	3	17	9	3	16	9	3			
6	30	17	9	2	29	17	9	2	16	8	2	16	8	2	15	8	2			
7	29	16	8	2	28	16	8	2	15	8	2	15	8	2	14	7	2			
8	27	15	7	2	26	15	7	2	14	7	2	14	7	2	13	7	2			
9	26	14	7	2	25	14	7	2	13	7	2	13	7	2	13	6	2			
10	25	13	6	2	24	13	6	2	13	6	2	12	6	2	12	6	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	15	15	15	15	13	13	13	13	9	9	9	5	5	5	2	2	2			
1	17	15	13	11	14	13	11	9	9	7	7	5	4	4	2	1	1			
2	18	14	11	8	15	12	9	7	8	6	5	5	4	3	2	1	1			
3	19	13	9	6	16	11	8	5	8	6	4	5	3	2	1	1	1			
4	19	13	8	5	16	11	7	4	7	5	3	4	3	2	1	1	1			
5	19	12	7	4	16	10	6	3	7	4	2	4	3	1	1	1	0			
6	19	12	7	3	16	10	6	3	7	4	2	4	2	1	1	1	0			
7	18	11	6	3	16	9	5	2	7	4	2	4	2	1	1	1	0			
8	18	10	6	2	15	9	5	2	6	3	1	4	2	1	1	1	0			
9	18	10	5	2	15	9	5	2	6	3	1	3	2	1	1	1	0			
10	17	9	5	2	15	8	4	2	6	3	1	3	2	1	1	1	0			

Day-Brite Lighting Photometric Data
 IES File 28448.IES, printed on 2/22/2010

-----CANDLEPOWER DATA-----					
Planes	0.0	22.5	45.0	67.5	90.0
Zone					
0.0	717	717	717	717	717
2.5	717	718	716	716	715
5.0	714	714	713	713	713
7.5	708	709	709	708	708
10.0	702	703	702	703	702
12.5	692	694	694	694	694
15.0	681	683	683	685	685
17.5	669	671	672	674	675
20.0	654	657	658	663	661
22.5	637	641	643	646	648
25.0	620	623	626	630	633
27.5	602	605	611	615	615
30.0	582	585	592	598	597
32.5	560	566	570	575	577
35.0	539	543	548	554	557
37.5	515	519	526	533	534
40.0	490	496	504	510	511
42.5	466	472	477	485	487
45.0	441	446	452	457	461
47.5	416	419	427	434	437
50.0	387	391	400	406	409
52.5	360	365	373	380	383
55.0	334	338	346	351	358
57.5	306	309	317	323	331
60.0	279	281	289	297	302
62.5	249	253	261	270	274
65.0	220	226	235	243	247
67.5	193	200	207	213	220
70.0	164	171	179	187	190
72.5	138	145	153	160	162
75.0	112	119	125	131	135
77.5	85	93	101	103	108
80.0	60	68	75	77	80
82.5	40	45	53	54	57
85.0	22	26	29	33	36
87.5	15	17	20	22	23
90.0	8	10	11	11	12

Photometric Data in IES format

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 [TEST] 28448
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 [MORE] NVLAP laboratory code 200016-0
 [ISSUEDATE] 8/12/2009
 [_TEST_LEVEL]
 [_TIFF_FILE_NAME]
 [_VERSION] fo2ies 3.0d(90)
 [OTHER]Test distance = 30 ft.
 [OTHER]Shielding angle: normal 90, Parallel 90
 TILT=NONE

1	2400	1	37	5	1	1	0.8125	0.8125	0										
	1		1	36															
	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														
	717	717	714	708	702	692	681	669	654	637									
	620	602	582	560	539	515	490	466	441	416									
	387	360	334	306	279	249	220	193	164	138									
	112	85	60	40	22	15	8												
	717	718	714	709	703	694	683	671	657	641									
	623	605	585	566	543	519	496	472	446	419									
	391	365	338	309	281	253	226	200	171	145									
	119	93	68	45	26	17	10												
	717	716	713	709	702	694	683	672	658	643									
	626	611	592	570	548	526	504	477	452	427									
	400	373	346	317	289	261	235	207	179	153									
	125	101	75	53	29	20	11												
	717	716	713	708	703	694	685	674	663	646									
	630	615	598	575	554	533	510	485	457	434									
	406	380	351	323	297	270	243	213	187	160									
	131	103	77	54	33	22	11												
	717	715	713	708	702	694	685	675	661	648									
	633	615	597	577	557	534	511	487	461	437									
	409	383	358	331	302	274	247	220	190	162									
	135	108	80	57	36	23	12												