



IESNA:LM-63-2002
 [TEST] 25196
 [TESTDATE] 03/10/2005
 [LUMCAT] AVSC2CF18-PMW-1/2-EB
 [LUMINAIRE] ARIOSO CLOUD SCONCE
 [LAMP] CFQ18W
 [BALLAST] TRIAD C218UNVSE
 [MANUFAC] DayBrite Group*
 [TESTLAB] Daybrite Lighting Photometric
 Laboratory, Tupelo, MS
 [MORE] [200016- 0] (NVLAP)
 [ISSUEDATE] 3/14/2005
 [MORE] _TEST_LEVEL
 [MORE] _TIFF_FILE_NAME
 [MORE] _VERSION fo2ies 3.0c(0-180)
 2 lamps, 1250 Lumens/lp, Total fixt. lumens = 1601, Fixt. Eff. = 64.0%
 Ballast Factor 0.980, Input Watts = 35
 LER = (Fixt-Eff * Lp-Lumens * BF) / Watts = 44.8

-----CANDELA-----

Zone	-Parallel(0)-		Nrm(90)	----Zonal Lumens----		
	Front	Back		Front	Back	Total
0	59	59	59			
5	23	97	66	2	4	6
15	23	200	64	4	21	24
25	26	234	62	5	42	47
35	34	263	57	8	62	71
45	42	304	51	11	82	94
55	49	344	43	14	101	115
65	56	349	37	17	113	130
75	60	384	32	18	125	143
85	61	419	26	18	141	160
95	58	413	28	18	144	162
105	52	391	47	18	133	150
115	44	350	67	17	118	135
125	35	322	90	15	105	121
135	25	284	114	14	86	100
145	14	214	128	13	61	74
155	4	183	120	8	37	45
165	1	157	80	4	16	21
175	33	134	44	1	4	5
180	47	47	47			

Spacing Criteria: 0 plane = 0.1, 180 plane = 4.1, 90 plane = 1.5

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.

-----Zonal Lumen Summary-----									
Zone	-----Lumens-----			-----%Lamp-----			-----%Fixture-----		
	Front	Back	Total	Front	Back	Total	Front	Back	Total
(0-30)	11	67	78	0.4	2.7	3.1	0.7	4.2	4.8
(0-40)	19	129	148	0.8	5.2	5.9	1.2	8.1	9.3
(0-60)	44	313	357	1.8	12.5	14.3	2.8	19.5	22.3
(0-90)	97	692	789	3.9	27.7	31.6	6.1	43.2	49.3
(90-120)	52	395	447	2.1	15.8	17.9	3.3	24.7	27.9
(90-130)	67	500	567	2.7	20.0	22.7	4.2	31.2	35.4
(90-150)	95	646	741	3.8	25.9	29.7	5.9	40.4	46.3
(90-180)	109	704	812	4.3	28.1	32.5	6.8	43.9	50.7
(0-180)	206	1395	1601	8.2	55.8	64.0	12.9	87.1	100.0

-----Average Luminance (Cd/sq. meter)-----			
Zone	-----Parallel (0)-----		Nrml (90)
	Front	Back	
45	4605	66667	1016
50	5063	78163	877
55	5456	93002	760
60	6016	107618	660
65	6534	128056	605
70	7138	164127	541
75	7597	230069	500
80	8165	364346	449
85	8731	745490	401

ZONAL CAVITY COEFFICIENTS OF UTILIZATION
 Effective floor cavity reflectance = 0.20

Ceil	80				70				50				30				10			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			
RCR																				
0	69	69	69	69	63	63	63	63	53	53	53	44	44	44	36	36	36			
1	59	55	52	48	54	51	47	44	42	39	37	34	32	30	26	25	24			
2	53	47	41	37	48	43	38	34	35	32	28	28	25	23	22	20	18			
3	48	40	34	30	43	37	31	27	30	26	23	24	21	18	18	16	14			
4	43	35	29	24	39	32	26	22	26	22	19	21	17	15	16	13	11			
5	39	31	25	20	36	28	23	19	23	19	15	18	15	12	14	11	9			
6	36	27	21	17	33	25	20	16	20	16	13	16	13	10	12	10	8			
7	33	24	19	15	30	22	17	14	18	14	11	15	11	9	11	9	7			
8	31	22	16	13	28	20	15	12	17	13	10	13	10	8	10	8	6			
9	28	20	15	11	26	18	14	10	15	11	9	12	9	7	9	7	5			
10	27	18	13	10	24	17	12	9	14	10	8	11	8	6	9	6	5			

Day-Brite Lighting Photometric Data
 IES File 25196.IES, printed on 2/22/2010

	-----CANDLEPOWER DATA-----								
Planes	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
Zone									
0.0	59	59	59	59	59	59	59	59	59
5.0	23	27	32	46	66	74	85	93	97
10.0	20	18	17	35	66	89	116	142	148
15.0	23	19	15	25	64	107	152	189	200
20.0	25	20	15	13	63	126	180	212	220
25.0	26	22	16	11	62	143	194	226	234
30.0	29	25	17	12	60	154	201	236	247
35.0	34	27	19	12	57	163	205	249	263
40.0	37	31	20	12	54	165	208	263	283
45.0	42	35	22	13	51	163	213	277	304
50.0	46	38	24	13	47	159	222	292	324
55.0	49	41	25	13	43	154	233	309	344
60.0	53	44	26	13	39	150	244	314	347
65.0	56	47	27	13	37	148	253	314	349
70.0	59	49	28	13	34	146	257	317	362
75.0	60	49	29	13	32	144	257	325	384
80.0	61	50	29	13	29	142	275	350	408
85.0	61	50	29	13	26	149	297	372	419
90.0	60	49	29	13	23	157	308	375	416
95.0	58	48	28	13	28	157	309	373	413
100.0	56	46	27	13	36	150	301	365	404
105.0	52	43	26	14	47	151	284	350	391
110.0	49	40	25	16	57	158	269	328	372
115.0	44	37	23	18	67	163	268	308	350
120.0	39	34	21	21	78	168	272	296	333
125.0	35	30	19	25	90	172	271	290	322
130.0	30	26	16	32	102	177	265	282	310
135.0	25	21	14	44	114	182	253	255	284
140.0	20	17	13	55	122	185	238	216	239
145.0	14	13	14	72	128	185	225	192	214
150.0	9	10	16	66	132	179	207	172	196
155.0	4	9	21	49	120	165	173	149	183
160.0	1	5	27	54	99	131	134	127	169
165.0	1	0	24	59	80	104	111	120	157
170.0	13	4	3	41	63	66	95	116	148
175.0	33	30	8	12	44	28	65	110	134
180.0	47	47	47	47	47	47	47	47	47

Photometric Data in IES format

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 TILT=NONE

2	1250	1	37	9	1	1	0.0833	0.8333	0.8333											
0.98		1	35																	
0	5	10	15	20	25	30	35	40	45											
50	55	60	65	70	75	80	85	90	95											
100	105	110	115	120	125	130	135	140	145											
150	155	160	165	170	175	180														
0	22.5	45	67.5	90	112.5	135	157.5	180												
59	23	20	23	25	26	29	34	37	42											
46	49	53	56	59	60	61	61	60	58											
56	52	49	44	39	35	30	25	20	14											
9	4	1	1	13	33	47														
59	27	18	19	20	22	25	27	31	35											
38	41	44	47	49	49	50	50	49	48											
46	43	40	37	34	30	26	21	17	13											
10	9	5	0	4	30	47														
59	32	17	15	15	16	17	19	20	22											
24	25	26	27	28	29	29	29	29	28											
27	26	25	23	21	19	16	14	13	14											
16	21	27	24	3	8	47														
59	46	35	25	13	11	12	12	12	13											
13	13	13	13	13	13	13	13	13	13											
13	14	16	18	21	25	32	44	55	72											
66	49	54	59	41	12	47														
59	66	66	64	63	62	60	57	54	51											
47	43	39	37	34	32	29	26	23	28											
36	47	57	67	78	90	102	114	122	128											
132	120	99	80	63	44	47														
59	74	89	107	126	143	154	163	165	163											
159	154	150	148	146	144	142	149	157	157											
150	151	158	163	168	172	177	182	185	185											
179	165	131	104	66	28	47														
59	85	116	152	180	194	201	205	208	213											
222	233	244	253	257	257	275	297	308	309											
301	284	269	268	272	271	265	253	238	225											
207	173	134	111	95	65	47														
59	93	142	189	212	226	236	249	263	277											
292	309	314	314	317	325	350	372	375	373											
365	350	328	308	296	290	282	255	216	192											
172	149	127	120	116	110	47														
59	97	148	200	220	234	247	263	283	304											

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324	344	347	349	362	384	408	419	416	413
404	391	372	350	333	322	310	284	239	214
196	183	169	157	148	134	47			