

Day-Brite

CFI

by  Signify

Surface

Arioso sconce perf

TT5



Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

The Day-Brite / CFI Arioso sconce perf may be utilized as a specific architectural detail or simply to complement a cohesive lighting scheme. It also brings the lighting to a more intimate level and provides a secondary layer of lighting to support different functions and atmospheres. This luminaire is the perfect companion for other Arioso products.

Ordering guide

Example: AVS2CF40-SPMW-UNV-1/2-EB

Family	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
AVS	2	—	SPMW —	—	
AVS Arioso sconce perf	2	CF40 40WTT5 (24") CF50 50WTT5 (24") CF55 55WTT5 (24")	SPMW 2-piece perforated metal with white overlay	120 277 347 UNV Universal Voltage 120-277V	1/2 One 2-lamp ballast EB Electronic ballast, <10% THD, std. ballast factor EB10I CF40 electronic ballast, instant start, <10% THD EBSD T8 electronic step dimming ballast, .88 ballast factor EBD7 Advance Mark 7 dimming ballast, 0-10V (low voltage) control EBDX Advance Mark 10 dimming ballast, phase control EBD Electronic dimming ballast, customer specified GLR Fusing, fast blow



AVS Arioso sconce perf

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Application

- Architectural surface mounted direct/indirect lighting for glare-free illumination.
- Can be wall or ceiling mounted.
- One-piece body for easy installation.
- Ideal for lighting corridors, hallways, or for adding architectural detail to bare walls.
- 4" deep, meets ADA requirements when wall mounted.

Construction/Finish

- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Soft white baked enamel finish.
- Easy ballast access through removable back reflector.
- Can be mounted to 4" octagonal junction box or surface mounted.

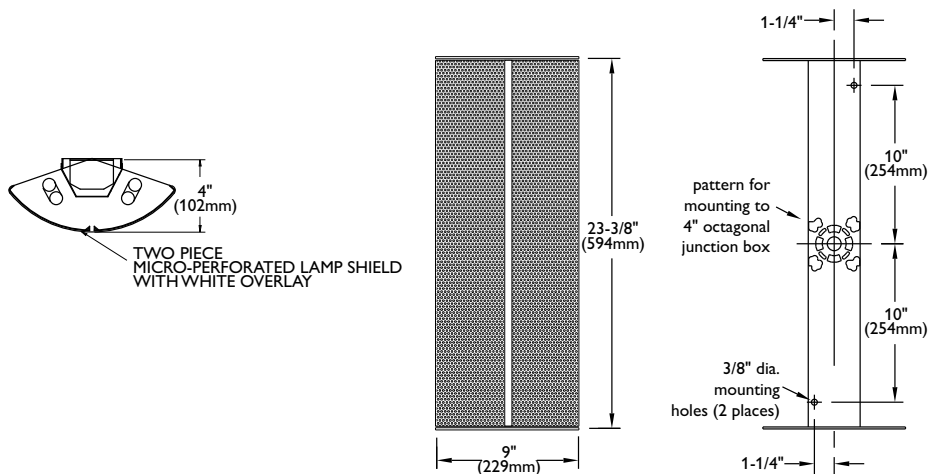
Electrical

- Not suitable for through wiring.
- cULus listed for damp locations.

Enclosure

- Micro-perforated mesh lamp shields provide soft awareness of light source.
- Swing out lamp shields for easy relamping.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances reflected and direct light.

Dimensions



AVS Arioso sconce perf

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Photometry

Arioso sconce perf 2 lamp CF40

Efficiency – 76.5%

LER – 62

Catalog No.	AVS2CF40-SPMW-1/2-EB	Candlepower				Light Distribution				Average Luminance			
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross
Test No.	268061	0	155	155	155	0-30	234	3.7	4.8	45	1986	7921	747
Lamp Type	40WTT5	5	95	128	170	0-40	447	7.1	9.1	55	2850	11162	584
Lumens/Lamp	3150	15	118	117	162	0-60	1058	16.8	21.6	65	4043	15804	413
Ballast Factor	.88	25	138	121	145	0-90	2398	38.1	49.0	75	5993	30117	271
Input Watts	68	35	175	139	123	0-180	4897	77.7	100.0	85	9968	107823	107
		45	212	154	94								
		55	259	164	66								
		65	292	185	40								
		75	308	190	21								
		85	289	179	6								
		95	295	187	3								
		105	306	182	20								
		115	291	167	41								
		125	251	146	68								
		135	210	126	96								
		145	171	115	121								
		155	135	110	143								
		165	113	127	161								
		175	100	130	169								

Coefficients of Utilization												
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)												
pcc	80			70			50					
pw	70	50	30	70	50	30	70	50	30	70	50	30
RCR												
0	82	82	82	77	77	77	64	64	64	64	64	64
1	71	67	61	66	60	56	51	46	41	38	35	30
2	64	56	50	57	52	46	41	38	35	30	28	23
3	57	47	40	52	44	38	35	30	28	23	20	17
4	52	41	34	46	38	32	30	26	23	20	17	14
5	47	36	29	42	34	27	28	23	20	17	14	11
6	44	33	26	40	29	23	25	20	17	14	11	8
7	40	29	23	35	27	20	22	17	14	11	8	5
8	36	27	20	34	23	17	20	14	11	8	5	2
9	34	23	17	30	22	16	17	14	11	8	5	2
10	32	22	16	28	20	14	17	14	11	8	5	2

Comparative yearly lighting energy cost per 1000 lumens – \$3.81 based on 3000 hrs. and 5.08 pwr KWH.

The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

