



The Day-Brite / CFI Arioso surface perf incorporates all the features and benefits of the standard Arioso into a surface luminaire. Whether surface mounting is due to construction constraints or a desire to create style and intimacy, this luminaire offers the ideal solution for ceiling mounting. Arioso Surface continues the look and performance of the Arioso family in a slim low profile beautifully contoured model.

## **Ordering guide**

## Example: 2SAVC228-PMW-UNV-1/2-EB95-LPT835HL

Width	Family	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
2	SAVC		_	_	_	
2 2'	SAVC Arioso surface	2 3	28 28WT5 (46") 54HO 54WT5HO (46")	PMW Perforated metal w/ white overlay  SPMW 2-piece perforated metal with white overlay	277 347 UNV Universal Voltage	1/2 One 2-lamp ballast 1/3 One 3-lamp ballast 1/21 2-lamp & 1-lamp ballast EB Electronic ballast, <10% THD, std. ballast factor EBD7 Advance Mark 7 dimming ballast, 0-10V (low voltage) control EBD8 Electronic dimming ballast, customer specified E7LP LP550 emerg, ballast T5/T5HO, 430-700 lumens, 120/277V E6LP LP600 emerg, ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V Fusing, fast blow LPT830 Installed T5/T5HO lamps, 80+ CRI, 3000K LPT831 Installed T5/T5HO lamps, 80+ CRI, 3000K LPT830HL Installed T5/T5HO lamps, 80+ CRI, 3000K LPT835HL Installed T5 high lumen lamps, 80+ CRI, 3500K LPT835HL Installed T5 high lumen lamps, 80+ CRI, 3500K LPT841HL Installed T5 high lumen lamps, 80+ CRI, 3500K LPT841HL Installed T5 high lumen lamps, 80+ CRI, 4100K



# **2SAVC** Arioso surface perf 2x4

## T5 or T5HO

### **Application**

- Architectural surface mounted direct/indirect lighting for glare free illumination.
- · For applications where plenum depth is limited.
- Easy installation body mounts to ceiling, and frame snaps into place.
- · Style matched to Arioso semi-recessed.

#### **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.
- Slim 2-1/4" housing provides the perception of a very low profile luminaire.

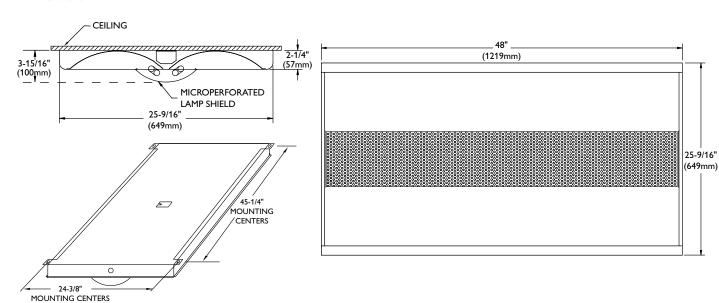
#### **Electrical**

- · cULus listed for damp locations.
- Self-contained fluorescent emergency power pack can be incorporated.

#### **Enclosure**

- Choice of one-piece (PMW) or two-piece (SPMW) lamp shield configuration.
- Micro-perforated mesh lamp shield provides soft awareness of light source.
- · Swing down lamp shield for easy relamping.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances reflected and direct light.

#### **Dimensions**





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

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## T5 or T5HO

### **Photometry**

	<b>Arioso surface</b>	perf (PMV	V) 2x4 4 la	amp CF40
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Catalog No.	2SAVC4CF40-PMW-2/2-EB
Test No.	23877
S/MH	1.3
Lamp Type	40WTT5
Lumens/Lamp	3150
Ballast Factor	.88
Input Watts	130

Comparative yearly lighting energy cost per 1000 lumens – **\$4.29** based on 3000 hrs. and \$.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.

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**LER - 56** 

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Candlepower				Light Distribution				Average Luminance						
Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle 45	<b>End</b> 3230	<b>45°</b> 3551	Cross 3810			
0	2524	2524	2524	0-30	1979	15.7	23.7							
5	2530	2514	2504	0-40	3263	25.9	39.2	55	2914	3587	4052			
10	2492	2484	2479	0-60	5904	46.9	70.8	65	2427	3807	4680			
15	2434	2439	2439	0-90	8331	66.1	99.9	75	1935	4807	6085			
20	2349	2372	2390	0-180	8335	66.2	100.0	85	1351	8514	11314			
25	2241	2283	2317	Coefficients of Utilization										
30	2116	2176	2233											
35	1966	2059	2131	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)										
40	1798	1920	2020	pcc	8	80		70		50				
45	1610	1770	1899	pw	70 5	0 30	70	50 30		50	30			
50	1407	1617	1770	RCR										
55	1178	1450	1638	0	79	79 79	77	77 77		72	72			
60	947	1291	1513	1	69 (	63	68	65 61		61	59			
65	723	1134	1394	2	63 5	6 52	61	56 51		54	50			
70	525	997	1280	3	57 5	0 44	56	48 42		46	41			
75	353	877	1110	4	53 4	14 38	51	42 36		40	35			
80	203	715	963	5	47	33	46	38 32		36	32			
85	83	523	695	6	44	34 28	42	34 28		33	28			
			555	_										

Efficiency - 66.0%

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
pcc		80		70			50		
pw	70	50	30	70	50	30	50	30	
RCR									
0	79	79	79	77	77	77	72	72	
1	69	67	63	68	65	61	61	59	
2	63	56	52	61	56	51	54	50	
3	57	50	44	56	48	42	46	41	
4	53	44	38	51	42	36	40	35	
5	47	39	33	46	38	32	36	32	
6	44	34	28	42	34	28	33	28	
7	40	32	26	40	30	25	29	25	
8	38	28	23	36	28	23	28	23	
9	35	27	20	34	26	20	25	20	
10	34	25	19	33	23	19	23	19	

