

Day-Brite CFI

by @ignify

Recessed

Arioso louver perf 1x4

T5, T5HO, or T8



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

The Day-Brite / CFI Arioso recessed louver perf begins with the clean lines of the standard Arioso and adds longitudinal shielding and a larger downlight component. Through the use of louvers and stylish details, this luminaire creates a dynamic space without distracting glare, contrast, or shadows. It balances quality uniform illumination with a larger direct component, making it ideal for more active spaces such as conference rooms, break rooms, lobbies, classrooms, etc.

Ordering guide

Example: 1AVG232-LMWS-UNV-1/2-EBLHE-LPT835HL

Width	Family	Ceiling Type	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
1	AV	G	2	—	LMWS —	—	
1 1'	AV Arioso recessed	G Grid	2	28 28WT5 (46") 32 32WT8 (48") 54HO 54WT5HO (46")	LMWS Perforated basket with solid louver blades, matte white	120 277 347 UNV Universal Voltage 120-277V	1/2 One 2-lamp ballast EB Electronic ballast, <10% THD, std. ballast factor EB10R T8 electronic ballast, program rapid start, <10% THD EBHE T8 electronic ballast, high efficiency, std. ballast factor EBLHE T8 electronic ballast, high efficiency, low ballast factor EBLHE T8 electronic ballast, high efficiency, high ballast factor 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 E1 B100 emerg. ballast, T8, 350-450 lumens, 120/277V E1CAN B100-CAN emerg. ballast, Canada market, T8, 350-450 lumens, 120/347V E7 B60 emerg. ballast, T8, 600-700 lumens, 120/277V E5 B50 emerg. ballast, U.S. or Canada market, T8, 1100-1400 lumens, UNV E5CAN B50-CAN emerg. ballast, Canada market, T8, 1100-1400 lumens, 120/347V ESST B50ST emerg. ballast w/self test, T8, 1100-1400 lumens, UNV 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 F1 3/8" flex 3 wire, 18 gauge 6' F2 3/8" flex 4 wire, 18 gauge 6' F2/5W 3/8" flex, 5 wire 18 gauge 6' GLR Fusing, fast blow LPT830 Installed T8/T5/T5HO lamps, 80+ CRI, 3000K LPT835 Installed T8/T5/T5HO lamps, 80+ CRI, 3500K LPT841 Installed T8/T5/T5HO lamps, 80+ CRI, 4100K LPT830HL Installed T8/T5 high lumen lamps, 80+ CRI, 3000K LPT835HL Installed T8/T5 high lumen lamps, 80+ CRI, 3500K LPT841HL Installed T8/T5 high lumen lamps, 80+ CRI, 4100K CHIC Chicago plenum rated

Accessories (order separately)

- AVHD Hold down clips
- FMA14 1'x4' "F" mounting frame for NEMA "F" mounting



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Application

- Architectural recessed direct/indirect lighting for glare-free illumination.
- Suitable for grid inverted T (NEMA "G") ceilings. Flange type ceilings (NEMA "F") require independently mounted flange kits (FMA).
- Fully recessed mounting, suitable for row mounting.

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.
- Optional hold down clips available (order separately: cat # AVHD).

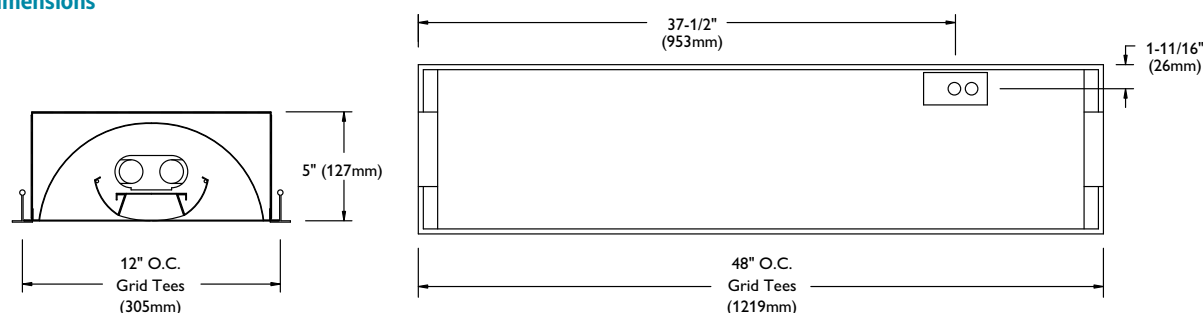
Electrical

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

Enclosure

- Flat blade louver with white overlay and perforated curved side panels.
- Bottom of louver is curved to match lamp shield contour.
- Matte white perf. panels and white louver blades.
- Micro-perforated mesh lamp shield provides soft awareness of light source.
- Soft white overlay on inside of micro-perforated mesh conceals lamp image and balances between reflected and direct light.
- Swing down lamp shield for easy relamping

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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Photometry

Arioso recessed louver perf 1x4 2 Lamp T8

Efficiency – 65.2%

LER – 61

TER – 53

		Candlepower				Light Distribution				Average Luminance			
Catalog No.	1AVG232-LMWS-1/2-EB	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
Test No.	27644	0	1486	1486	1486	0-30	1146	20.1	30.8	45	4073	4051	3869
S/MH	1.2	5	1483	1482	1471	0-40	1856	32.6	49.9	55	3833	3362	3050
Lamp Type	32WT8	10	1454	1464	1458	0-60	3108	54.5	83.6	65	3656	2348	2393
Lumens/Lamp	2850	15	1409	1427	1434	0-90	3720	65.3	100.0	75	3459	1845	1784
Ballast Factor	0.88	20	1351	1374	1392					85	2595	1514	1333
Input Watts	54	25	1282	1311	1330								
		30	1205	1237	1250								
		35	1114	1142	1153								
		40	1021	1036	1021								
		45	917	912	871								
		50	805	770	713								
		55	700	614	557								
		60	595	462	429								
		65	492	316	322								
		70	390	224	220								
		75	285	152	147								
		80	177	91	86								
		85	72	42	37								

Coefficients of Utilization												
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)												
pcc	80			70			50					
pw	70	50	30	70	50	30	50	30				
RCR												
0	78	78	78	76	76	76	72	72				
1	70	68	66	69	67	65	64	61				
2	65	59	56	64	58	55	56	54				
3	59	53	47	57	52	47	50	46				
4	55	47	41	54	46	41	45	40				
5	51	42	36	48	41	36	40	35				
6	46	39	33	46	38	33	36	32				
7	44	34	29	42	34	28	34	28				
8	40	32	27	40	32	26	30	26				
9	38	29	23	36	28	23	28	23				
10	35	27	22	34	27	22	26	22				

Comparative yearly lighting energy cost per 1000 lumens – **\$3.93** 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.

