

Day-Brite

CFI

by Signify

Recessed

Arioso louver perf 2x4

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: 2AVG232-LMWS-UNV-1/2-EBHE-LPT835HL

Width	Family	Ceiling Type	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
2	AV	G		—	LMWS —	—	
2 2'	AV Arioso recessed perf	G Grid	2 3	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 1/3 One 3-lamp ballast 1/21 2-lamp & 1-lamp ballasts 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 EBHHE T8 electronic ballast, high efficiency, high ballast factor EBS 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 E5ST 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
- AV-DC4 Debris cover 2'x4'
- AV-GC4 Germ cover 2'x4'
- FMA24 2'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

- Top reflector and end panels are formed together with no gaps.
- No visible welding, screws, latches, springs, hooks, rivets or plastic supports.
- Soft white baked enamel finish.
- Easy ballast access through lamp compartment.
- Optional hold down clips available (order separately: cat # AVHD).

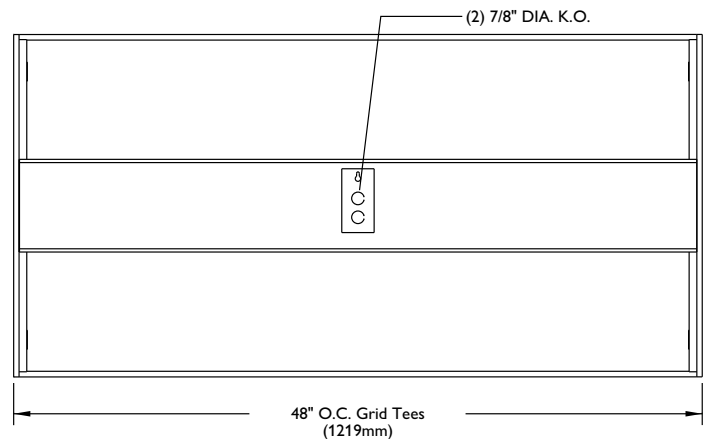
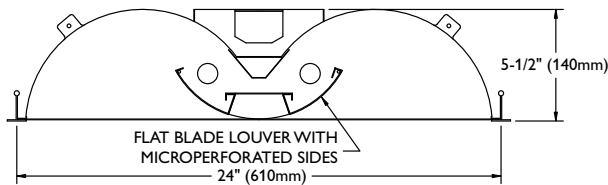
Electrical

- 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



Hg 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 2x4 3 lamp T8

Efficiency – 59.8%

LER – 51

TER – 44

		Candlepower				Light Distribution				Average Luminance			
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
Catalog No.	2AVG332-LMWS-1/21-EB												
Test No.	23585	0	1810	1810	1810	0-30	1394	16.3	27.3	45	2125	2424	2665
S/MH	1.3	5	1802	1799	1797	0-40	2283	26.7	44.7	55	1917	2355	2649
Lamp Type	32WT8	10	1758	1769	1782	0-60	4044	47.3	79.1	65	1786	2263	2424
Lumens/Lamp	2850	15	1699	1720	1757	0-90	5111	59.8	100.0	75	1645	1771	1606
Ballast Factor	0.88	20	1621	1665	1726					85	1367	1205	1205
Input Watts	88	25	1530	1594	1674								
		20	1427	1515	1611								
		35	1314	1422	1535								
		40	1192	1317	1438								
		45	1059	1208	1328								
		50	914	1086	1203								
		55	775	952	1071								
Comparative yearly lighting energy cost per 1000 lumens – \$4.71 based on 3000 hrs. and 5.08 pwr KWH.		60	653	812	918								
		65	532	674	722								
The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.		70	413	516	456								
		75	300	323	293								
		80	189	167	177								
		85	84	74	74								

Coefficients of Utilization												
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)												
pcc	80			70			50			30		
pw	70	50	30	70	50	30	70	50	30	70	50	30
RCR												
0	70	70	70	69	69	69	66	66	66	66	66	66
1	65	61	59	63	60	57	57	56	56	56	56	56
2	58	54	50	57	53	48	51	47	47	47	47	47
3	54	47	42	52	46	41	45	40	40	40	40	40
4	48	41	36	47	40	35	40	34	34	34	34	34
5	45	38	32	44	36	32	35	30	30	30	30	30
6	41	34	28	40	33	28	32	28	28	28	28	28
7	39	30	25	38	29	25	28	25	25	25	25	25
8	35	28	23	34	28	23	27	22	22	22	22	22
9	34	26	20	33	25	20	25	20	20	20	20	20
10	32	23	19	30	23	19	23	19	19	19	19	19

