

Day-Brite

CFI

by Signify

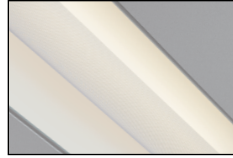
Recessed

Arioso perf 20"x48"

T5, T5HO, or T8



SPMW shielding



PMW shielding

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

The Day-Brite / CFI Arioso recessed perf offers simple clean lines in combination with soft natural illumination. With micro-perforated baskets and contoured seamless reflectors, this series focuses on providing smooth comfortable lighting while subtly complementing the space. Flexible enough to integrate with any architectural design, Arioso recessed provides a soft unassuming glow with comfortable illumination to optimize work and recreational activities.

Ordering guide

Example: 20AVG232-PMW-UNV-1/2-EBLHE-LPT835HL

Width	Family	Ceiling Type	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
20	AV	G		—	—	—	
20 20"	AV Arioso recessed perf	G Grid	2 3	28 28WT5 (46") 32 32WT8 (48") 54HO 54WT5HO (46")	PMW Perforated metal w/ white overlay SPMW 2-piece perforated metal with white overlay	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 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 EBHHE 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 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
- FMA204 20"x4" "F" mounting frame for NEMA "F" mounting
- AV-DEP206 6" long filler plates (pair) for use with 20"x60" T-bar spacing



20AVG Arioso recessed perf 20"x48"

T5, T5HO or T8

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).

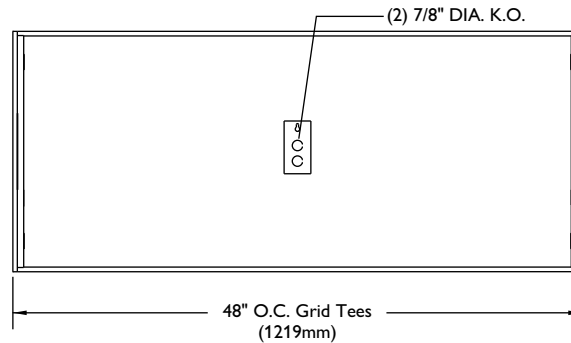
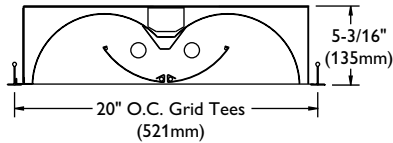
Electrical

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

Enclosure

- Choice of one-piece (PMW) or two-piece (SPMW) lamp shield configuration.
- Micro-perforated mesh lamp shields provide 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 shields for easy relamping.
- Lamp shield end trim is included with PMW models for field installation if desired (not required).

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

Arioso recessed perf (SPMW) 20"x48" 2 lamp T8

Efficiency – 53.5%

LER – 56

TER – 50

Catalog No.	20AVG232-SPMW-1/2-EB	Candlepower				Light Distribution				Average Luminance			
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross
Test No.	LSC8394	0	1070	1070	1070	0-30	861	14.6	27.3	45	1698	1973	2101
S/MH	1.4	5	1069	1072	1070	0-40	1424	24.1	45.1	55	1593	1944	2025
Lamp Type	F32T8	10	1046	1072	1084	0-60	2554	43.3	80.9	65	1454	1741	1399
Lumens/Lamp	2950	15	1017	1061	1078	0-90	3155	53.5	100.0	75	1273	1039	1122
Ballast Factor	1.00	20	987	1044	1063					85	818	674	858
Input Watts	56	25	936	998	1039								
		30	878	952	988								
		35	808	913	948								
		40	742	844	896								
		45	674	783	834								
		50	586	710	753								
		55	513	626	652								
		60	428	524	506								
		65	345	413	332								
		70	269	266	246								
		75	185	151	163								
		80	108	87	91								
		85	40	33	42								

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	64	64	64	62	62	62	59	59				
1	58	56	54	57	55	53	52	51				
2	53	49	45	52	48	44	46	43				
3	48	43	39	47	42	38	40	37				
4	44	38	33	43	37	33	36	32				
5	41	34	29	40	33	29	32	28				
6	38	30	26	37	30	25	29	25				
7	35	28	23	34	27	23	26	22				
8	32	25	21	32	25	20	24	20				
9	30	23	19	29	23	19	22	18				
10	28	21	17	28	21	17	20	17				

Comparative yearly lighting energy cost per 1000 lumens – \$4.29 based on 3000 hrs. and \$.08 pwr KWH.

