

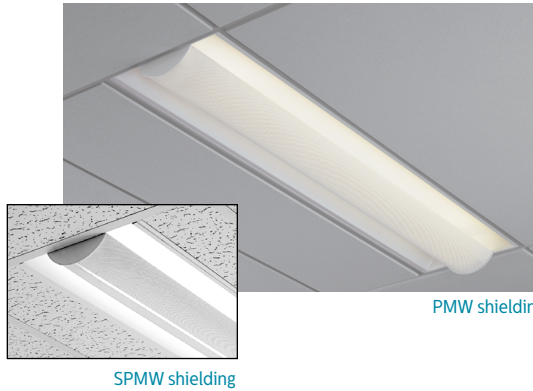
Day-Brite CFI

by Signify

Recessed

Ariosio semi-recessed perf 1x4

T5 or T5HO



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

The Day-Brite / CFI Ariosio semi-recessed perf is an ideal choice for spaces with low plenum clearance. Keeping the look and feel of a fully recessed luminaire, this model maintains quality illumination while minimizing clutter and protrusions from the ceiling plane.

Ordering guide

Example: 1AVLG228-PMW-UNV-1/2-EB-LPT835HL

Width	Family	Ceiling Type	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
1	AVL	G		—	—	—	
1 1'	AVL Ariosio semi-recessed	G Grid	1 2	28 28WT5 (46") 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	1/1 One 1-lamp ballast 1/2 One 2-lamp ballast EB Electronic ballast, <10% THD, std. 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 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 T5/T5HO lamps, 80+ CRI, 3000K LPT835 Installed T5/T5HO lamps, 80+ CRI, 3500K LPT841 Installed T5/T5HO lamps, 80+ CRI, 4100K LPT830HL Installed T5 high lumen lamps, 80+ CRI, 3000K LPT835HL Installed T5 high lumen lamps, 80+ CRI, 3500K LPT841HL Installed 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



1AVLG Arioso semi-recessed perf 1x4

T5 or T5HO

Application

- Architectural semi-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).
- For applications where plenum depth is limited.
- Suitable for row mounting.
- Style matched to Arioso surface.

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).

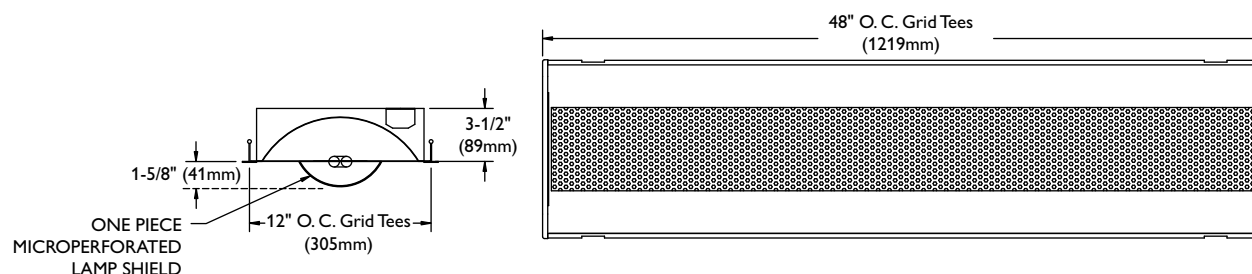
Electrical

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

Enclosure

- 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

1AVLG Arioso semi-recessed perf 1x4

T5 or T5HO

Photometry

Arioso semi-recessed perf (PMW) 1x4 2 lamp T5HO

Efficiency – 50.3%

LER – 39

TER – 34

Catalog No.		Candlepower				Light Distribution				Average Luminance			
Test No.		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45	Cross
S/MH	1.3	0	1649	1649	1649	0-30	1290	14.7	29.1	45	4947	4798	4490
Lamp Type	F54T5HO	5	1675	1624	1651	0-40	2115	24.0	47.7	55	4732	4178	3587
Lumens/Lamp	4400	10	1653	1607	1636	0-60	3634	41.3	82.0	65	4411	3108	3226
Ballast Factor	1.00	15	1614	1574	1606	0-90	4430	50.3	100.0	75	3908	2658	2826
Input Watts	114	20	1569	1533	1572					85	2357	1821	1857
		25	1505	1478	1511	Coefficients of Utilization							
		30	1429	1410	1427	EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)							
		35	1339	1324	1317	pcc	80			70			50
		40	1237	1217	1178	pw	70	50	30	70	50	30	50
		45	1124	1090	1020	RCR							
		50	1003	939	840	0	59	59	59	58	58	58	56
		55	872	770	661	1	55	53	51	54	52	50	48
		60	735	592	539	2	50	46	42	48	45	41	42
		65	599	422	438	3	46	40	36	45	40	35	38
		70	463	316	338	4	41	35	32	40	35	32	34
		75	325	221	235	5	39	32	28	38	32	28	30
		80	186	129	136	6	35	28	25	34	28	25	28
		85	66	51	52	7	33	27	22	32	26	22	25
						8	30	23	20	29	23	20	23
						9	28	22	17	28	22	17	20
						10	27	20	17	26	20	16	20

Comparative yearly lighting energy cost per 1000 lumens – \$6.15 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.

