

Day-Brite

CFI

by Signify

Recessed

Ariosio side basket perf 2x2

T5, T5HO, TT5, or T8



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

The Day-Brite / CFI Ariosio recessed side basket perf offers a distinctive approach with the emphasis on the overall integrated look of the ceiling rather than on the luminaire itself. Increasing the perceived volume of a space, this luminaire is ideal for lower ceilings and smaller spaces such as private offices and break out areas. It provides balanced illumination to work within any architectural style.

Ordering guide

Example: 2AVSG217-PMW-UNV-1/2-EBHHE-LPT835HL

Width	Family	Ceiling Type	No. of Lamps (not included)	Lamp Type	Shielding	Voltage	Options
2	AVS	G		—	PMW	—	
2 2'	AVS Ariosio side basket	G Grid	2 4 (except CF)	14 14WT5 (22") 17 17WT8 (24") 24HO 24WT5HO (22") CF40 40WTT5 (24") CF50 50WTT5 (24") CF55 55WTT5 (24")	PMW Perforated metal w/ white overlay	120 277 347 UNV Universal Voltage 120-277V	1/2 One 2-lamp ballast 1/4 One 4-lamp ballast 2/2 Two 2-lamp ballasts EB Electronic ballast, <10% THD, std. ballast factor EB10I CF40 electronic ballast, instant start, <10% THD 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 EBBHHE 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 or CF, 1100-1400 lumens, UNV ESCAN B50-CAN emerg. ballast, Canada market, T8, 1100-1400 lumens, 120/347V ES5T 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 high lumen lamps, 80+ CRI, 3000K LPT835HL Installed T8 high lumen lamps, 80+ CRI, 3500K LPT841HL Installed T8 high lumen lamps, 80+ CRI, 4100K

Accessories (order separately)

- AVHD Hold down clips
- FMA22 2'x2' "F" mounting frame for NEMA "F" mounting



2AVSG Arioso recessed side basket perf 2x2

T5, T5HO, TT5 or T8

Application

- Architectural recessed direct/indirect lighting for glare free illumination.
- Side-mounted perforated shields project light to reflector for indirect lighting.
- 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).

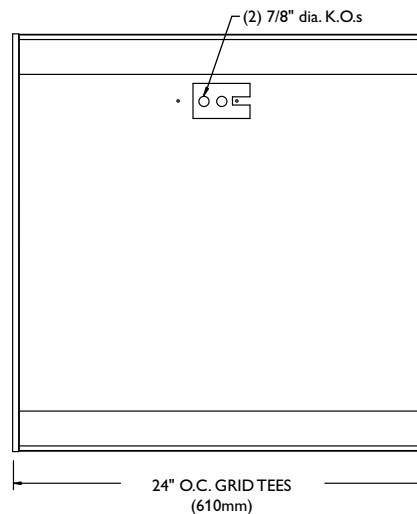
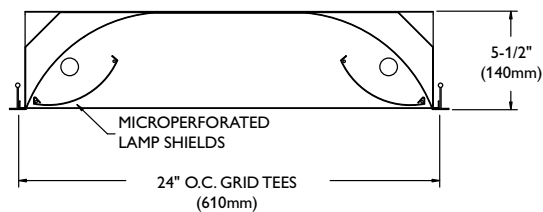
Electrical

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

Enclosure

- Dual micro-perforated lamp shields provide a soft awareness to lamp 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.

Dimensions



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T5, T5HO, TT5 or T8

Photometry

Arioso recessed side basket perf 2x2 2 lamp CF40

Efficiency – 51.1%

LER – 44

TER – 37

Catalog No. 2AVSG2CF40-PMW-1/2-EB		Candlepower				Light Distribution				Average Luminance			
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45	Cross
Test No.	23878	0	988	988	988	0-30	776	12.3	24.1	45	2547	2822	3232
S/MH	1.3	5	987	986	980	0-40	1280	20.3	39.8	55	2345	2919	3759
Lamp Type	40WTT5	10	973	975	973	0-60	2358	37.4	73.3	65	2117	3175	4722
Lumens/Lamp	3150	15	948	955	959	0-90	3218	51.1	100.0	75	1894	3346	5606
Ballast Factor	0.88	20	917	930	942					85	1283	1448	2237
Input Watts	65	25	874	896	914								
		30	823	852	882								
		35	765	803	851								
		40	700	751	823								
		45	628	696	797								
		50	552	640	774								
		55	469	584	752								
		60	388	527	729								
		65	312	468	696								
		70	241	400	639								
		75	171	302	506								
		80	102	167	242								
		85	39	44	68								

Comparative yearly lighting energy cost per 1000 lumens – **\$5.45** 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.

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	60	60	60	58	58	58	56	56	
1	55	52	50	54	51	48	48	46	
2	50	45	40	47	44	40	41	39	
3	45	39	34	44	38	34	36	33	
4	40	34	29	40	34	28	32	28	
5	38	30	26	35	29	26	28	25	
6	34	27	23	34	27	22	26	22	
7	32	25	20	30	23	20	23	20	
8	29	23	17	28	22	17	22	17	
9	28	20	16	27	20	16	20	16	
10	26	19	14	25	19	14	17	14	



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

