

CNCVTW

LED CONCAVE
DIFFUSER TROFFER
TUNABLE WHITE



The **CNCVTW** Series is tunable white, IC-Rated LED troffer with a centered concave diffuser that gives bright even coverage while adding a stylish finish. Tunable white LED system provides CCT range of 2700K-6500K, with 1% dim-to-off dimming. Available in 2x2 and 2x4 body sizes. It was designed for standard T-Grid applications. Architects find these fixtures especially functional for schools, offices, government facilities, public offices, and all other commercial types of applications on the market today. This fixture's multi-use capability inspires its use in any area where energy efficiency is a must.

APPLICATIONS: The CNCVTW Series of lay-in LED troffers were designed to be tunable white, high quality, energy efficient LED fixtures for use in commercial applications, offices, government facilities, schools, and public areas.

CONSTRUCTION: The fixture can be recess mounted in a standard grid ceiling. The fixture is constructed of a heavy gauge cold rolled steel body. Housing embossed for maximum rigidity. Rounded side flanges for safe handling. Ballast cover snaps into housing to cover ballast and wires.

MOUNTING: The fixture can be recess mounted in a standard grid ceiling.

OPTICAL SYSTEM: A centered concave diffuser constructed with a proprietary blend of LED acrylic and impact acrylic resins. Diffuser provides approximately 75% light transmission with excellent LED pixel hiding power. Separate ambient, reading and exam circuits is available.

ELECTRICAL SYSTEM: Tunable white LED system with CCT range of 2700K-6500K. 0-10V 1% dim-to-off DALI Type 8 Dimming Driver included standard. Long-life LED system rated for >100K life hours. Top mounted driver.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications ETL and cETL Listed. Damp location rated. IC-Rated for dry and damp locations. Manufactured in the USA. BAA compliant.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at www.aelnow.com/warranty.

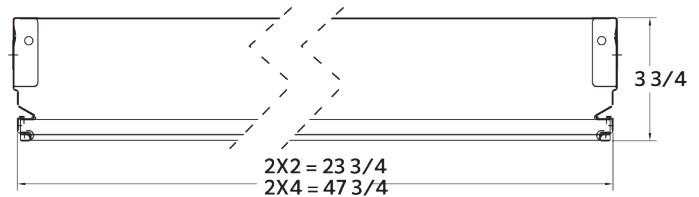
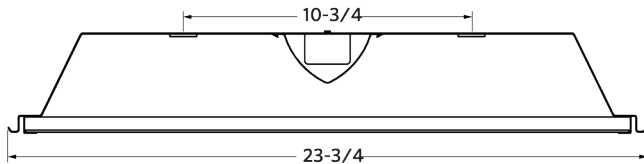
ORDERING INFORMATION

Example: CNCVTW-22-40-11L-40-11L-

SERIES	SIZE	AMBIENT CCT	AMBIENT ILLUMINATION	EXAM CCT	EXAM ILLUMINATION
CNCVTW	22 2x2	27 2700K	4L 4000 Lumens (Standard Low)	27 2700K	4L 4000 Lumens (Standard Low)
	24 2x4	30 3000K	8L 7000 Lumens (Medium Low)	30 3000K	8L 7000 Lumens (Medium Low)
		35 3500K	11L 11000 Lumens (High Low)	35 3500K	11L 11000 Lumens (High Low)
		40 4000K	12L 12000 Lumens (Standard Medium)	40 4000K	12L 12000 Lumens (Standard Medium)
		50 5000K	13L 13000 Lumens (Medium Medium)	50 5000K	13L 13000 Lumens (Medium Medium)
			XX Custom Lumens		XX Custom Lumens

READING CCT	READING OUTPUT	MOUNTING	MOUNTING KIT OPTIONS	CIRCUITS	OPTIONS
27 2700K	BLANK None	G Grid	FK14 1x4 Flange Kit	2 2 Circuits (required for ambient and exam)	14EBL 14 Watt Emergency Ballast
30 3000K	R1 Reading 1550 Lumens (Standard)	F Flange	FK12 2x2 Flange Kit		FW Flexible Armored Cable 6' 18/3
35 3500K	R2 Reading 2250 Lumens (Medium)		FK24 2x4 Flange Kit	3 3 Circuits (required for ambient, exam, and reading)	FW5 Flex Whip 5-Wire 18/5
40 4000K	R3 Reading 2900 Lumens (High)		SMS14 1x4 Surface Mount Shroud		LVC Low Voltage Controller
50 5000K			SMS22 2x2 Surface Mount Shroud		AMBNL Amber Night Light
			SMS24 2x4 Surface Mount Shroud		

DIMENSIONS



OUTPUT	DELIVERED LUMENS	SYSTEM WATTAGE	L70 @20C (HRS)
2000L	2000	12.5	>100K
3000L	3000	18.75	>100K
4000L	4000	25	>100K
5000L	5000	31.25	>100K
6000L	6000	37.5	>100K
7000L	7000	43.75	>100K
8000L	8000	50	>100K

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE	120/277VAC
SYSTEM INPUT POWER	33 - 179 WATTS*
DELIVERED LUMEN OUTPUT	2000 - 8000 LUMENS
STANDARD DIMMING CONTROL	0-10V
CCT	2700K-6500K TUNABLE
CRI	82 (MINIMUM)
LIFE TIME RATING	100,000 HRS @ L70
INPUT FREQUENCY	50/60 HZ
POWER FACTOR	>0.9
OPERATING TEMP	-30° TO 50° C

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%