

2X2 LED TROFFER CSPT/CSM Series

CIRCADIAN AUTONOMOUS LIGHT FIXTURE

- Product optimized using human subject testing in 24/7 simulation of 12 hour day and night shifts in our medical research facility.
- Provide quality white light 24/7 with the precise wavelength spectrum day and night to optimize health and performance.
- Intelligent control boards pre-programmed for the life of the fixture providing the correct blue light regulation for the location, season and leap years for optimized circadian effectiveness.
- At night, removes over 90% of the harmful blue light emitted by conventional LEDs which has been shown to increase the risk of diabetes, obesity, cancer, and depression.
- Light spectrum optimized to increase energy, productivity, mood, reduce fatigue and errors.
- Lumen output maintained over each 24 hour period and meeting specific industry work space illumination standards.
- Continuous white light with a smooth, imperceptible transition from Day to Night mode.
- Maximizes employee health, productivity and safety.

The 24-Hour Spectrum of Health

CIRCADIAN LIGHT BENEFITS

- Manages exposure to blue content of white light
 - Increased alertness
 - Avoids blue exposure at night
 - Mood improvement
 - Boosts productivity

SHALLOW PLENUM (CSPT Series)



SURFACE MOUNT (CSM Series)

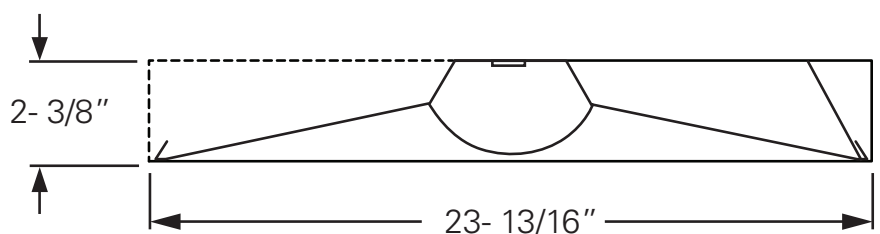


FIXTURE PERFORMANCE DATA*

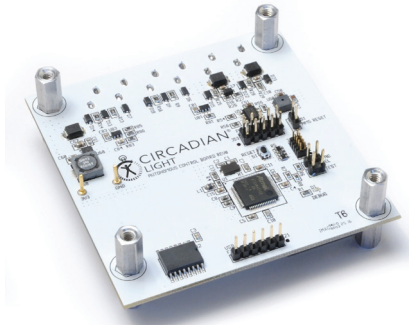
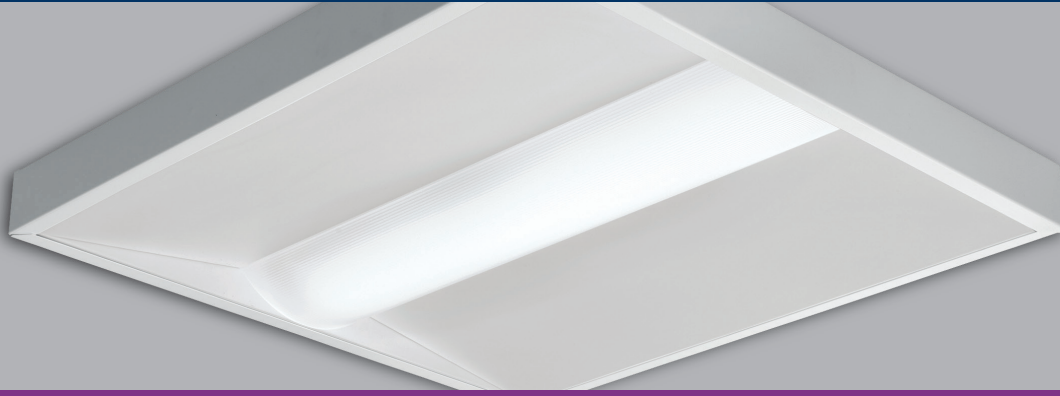
Nominal Lumen Output	Nominal Wattage	Average Luminaire Efficacy (lm/W)	CCT (k)	CRI	MAX WATTAGE
2' X 2' UNIT					
2000-3000	21-32	up to 95	3000-4200	80	up to 60

* based upon 24 hour duty cycle - 12 hour night, 12 hour day

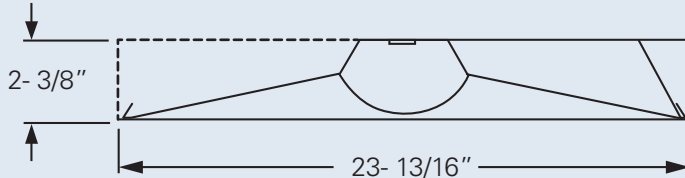
SHALLOW PLENUM TROFFER (CSPT Series) CROSS SECTION



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CROSS SECTION



EXAMPLE

CSPT - 2 2 - L3000 / 834 - RA - OPTIONS - DIM - UNV - XX

SERIES NOM W. NOM L. 3000 CRI & CCT SHIELDING OPTIONS DRIVER VOLTAGE ZONES

ORDERING INFORMATION

CIRCADIAN SERIES

CSPT Circadian Shallow Plenum Troffer
CSM Circadian Surface Mount

NOMINAL WIDTH

2 2'

NOMINAL LENGTH

2 2' (2' width only)

VOLTAGE

UNV 120V-277V
347 347V (not available with EM option)

DIFFUSER

RA Diffuse ribbed acrylic

OPTIONS

EQ CLIPS Earthquake clips (4 per fixture)

For flexible whip options, see technical info.

EM/10W 10-watt emergency driver (120 277V only)

CP Chicago Plenum (CCEA)

CONTROL OPTIONS

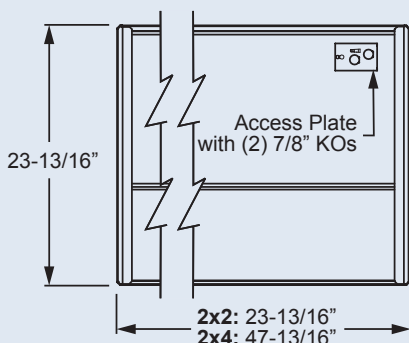
0-10V Dimming controls are standard.

DIM Controls pre-wired for 0-10V low voltage dimming applications

ZONES

- 01 – MA, ME, MI, NH, NY, ON, QC, RI, VT
- 02 – CT, DC, DE, IN, MD, NJ, NY, OH, PA, VA, WV
- 03 – FL, GA, NC, SC
- 04 – MB, MN, ND, SD, SK, WI
- 05 – IA, IL, KS, KY, MO, NE
- 06 – AL, AR, LA, MS, OK, TN, TX
- 07 – AB, ID, MT, WY
- 08 – CO, UT
- 09 – AZ, NM
- 10 – BC, OR, WA
- 11 – NV
- 12 – CA

FIXTURE DETAILS



SPECIFICATIONS

- Limited 5-Year Warranty
- 3000 - 4200K CCT Range
- CRI 80
- Nominal lumens 2000 - 3000
- Matte white paint and frosted lens provide pleasing architectural aesthetics with non-glare reflective surfaces
- Access to the electrical from room-side of fixture
- Heavy duty C.R.S. construction
- Mounted in NEMA Type G enclosure
- Housing /Reflector – precision die-formed 22 gauge C.R.S.
- Shallow housing depth for plenum space
- Slim 2-3/8th" depth
- All parts painted after fabrication to facilitate installation, increase efficiency and inhibit corrosion
- Rated for indoor locations, FCC and RoHS compliant
- Non-IC Rated
- Easy Installation

Enhanced Visual

- Uniform ambient illumination
- Ribbed lens for enhanced visual comfort

** The fixture should not be installed in an environment that requires transient protection that exceeds NEMA SSL-2010, Non-Roadway 2.5KV.*