

SunTrac® Troffer

TR2CH | Dynamic Circadian LED | Recessed



☰ Features

- 1 Showcases sunlight-inspired Healthe's patented engineered-spectrum technology to promote the natural wake-sleep cycle.
- 2 Delivers healthy and high quality at any time of day by easily changing from warm, sleep-enhancing spectrum of GoodNight to the alertness and focus-enhancing spectrum of GoodDay.
- 3 Easily bring energy-efficient, circadian lighting to any area of your office, school, hospital, or other commercial installations
- 4 Control via a standard wall switch or via SunTrac Wireless Switch (Sold separately, LSH SW2CH)
- 5 Automate your lighting when used with SunLync GPS Beacon (Sold separately, LSH GPS BEACON) provide the right light and spectrum at the right time throughout the day, with a simple press of a button.
- 6 Lightweight and rated for damp locations
- 7 Available in two different size offering (2'x2' and 2'x4') and accommodates both retrofit and new construction
- 8 As part of the SunTrac Ecosystem, the SunTrac Troffer is compatible with a range of control options, including the SunLync, SunTrac Motion & Daylight Sensor; Wireless Switch, and Healthe App.

≡ Specifications All data shown is nominal

Source

LED	Dynamic GoodDay® & GoodNight® Engineered Spectrum
CCT	GoodNight 2300K to GoodDay 5000K
Lumen Output	5200Lm (2 x 4 ft), 2600Lm (2 x 2 ft) GoodDay 4800Lm (2 x 4 ft), 2300Lm (2 x 2 ft) GoodNight
Melanopic/Photopic Ratio (M/P)	0.34 GoodNight to 0.91 GoodDay
Color Rendering Index	90 GoodDay; 80 GoodNight
R9	90 GoodDay 4000K, 3000K ; 50 GoodDay 5000K 40 GoodNight
Color Chromaticity	SDCM ≤ 5
LED Lifetime to L70	>58,000 Hours

Optical

Lens	Acrylic
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Electrical

Input Voltage (V)	100–277 V
Frequency	50–60 Hz
Power Consumption	30W (2 x 2 ft) 60W (2 x 4 ft)
Power Factor	≥ 0.9
THD	<20%
Diming Range	3–100%
Control Protocol	Proprietary Bluetooth
Control	Basic: Standard Wall Switch (On/Off) Advanced: SunTrac Wireless Switch, SunLync® Automated SunShow®

Mechanical

Housing	Sheet Metal
End Caps	Sheet Metal
Finish	Powder Coated White
Dimensions	2 x 2 ft: 23.74 x 23.74 x 4.50 in (603 x 603 x 115 mm) 2 x 4 ft: 23.74 x 47.76 x 4.50 in (603 x 1213 x 115 mm)
Weight Weight	2 x 2 ft: 7.7 lbs (3.5 kg) 2 x 4 ft: 13.1 lbs (5.9kg)
Operating Temperature	- 20C / + 45C (tCase)
Mounting	Drop Ceiling Installation

Compliance & Warranty

Certification	ETL, FCC, CE, RoHS
Environment	Suitable for Damp Location
Warranty	5 Year Limited



5 Year Limited
Warranty

Ordering

Example: LSH TR2CH22 GDGN 30 FR MVOLT

Family LSH	Model TR2CH22 2 x 2 ft TR2CH24 2 x 4 ft	Color Temperature GDGN GoodDay/GoodNight
Wattage 30 30 Watts 60 60 Watts	Color FR Frosted White	Voltage MVOLT Multi Volt

Accessories Ordering

Part Number	Description
LSH-SW2CH	SunTrac Wireless Switch
LSH-GPS-BEACON	SunLync® GPS Device
ACC-SENSOR-ML	SunTrac Motion & Daylight Sensor
STCT Z O	SunTrac Connect Output

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change without notice.

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