

SunTrac® Downlight

STDL | Dynamic Circadian LED | Edge-Lit



Features

- 1 Showcases sunlight-inspired Healthe's patented engineered-spectrum technology to promote the natural wake-sleep cycle.
- 2 Easily bring energy-efficient circadian lighting to any living areas of your home, office, or commercial installation
- 3 Control via a standard wall switch or via SunTrac Wireless Switch (Sold separately, LSH SW2CH)
- 4 Low-profile luminaire rated for dry, damp, and wet locations
- 5 Automate your lighting when used with SunLync GPS Beacon (Sold separately, LSH GPS BEACON, or purchase in select bundle packages) provide the right light and spectrum at the right time throughout the day, with a simple press of a button.
- 6 Retrofit mounting options for recessed can, 4" junction box, and drywall
- 7 As part of the SunTrac Ecosystem, the SunTrac Downlight 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 2500K to GoodDay 5000K
Lumen Output	850 Lm at GoodDay; 750 Lm at GoodNight
Melanopic/Photopic Ratio (M/P)	0.3 GoodNight to 0.9 GoodDay
Color Rendering Index	90 GoodDay; 80 GoodNight
R9	90 GoodDay 4000K, 3000K ; 50 GoodDay 5000K 40 GoodNight
Color Chromaticity	SDCM ≤ 5
Beam Angle	135° ± 5°
Field Angle	165° ± 5°
LED Lifetime to L80	>60,000 Hours

Optical

Lens	Acrylic
------	---------

Electrical

Wattage Equivalent	60 Watt Equivalent
Input Voltage (V)	110–120V
Frequency	50–60 Hz
Power Consumption	13 W
Power Factor	≥ 0.9
Diming Range	3–100%
Control Protocol	Proprietary Bluetooth
Control	Basic: Standard Wall Switch (On/Off) Advanced: SunTrac Wireless Switch, SunLync® Automated SunShow®

Mechanical

Housing	Diecase Aluminum
Finish	Powder Coated White
Dimensions	7.24 x 7.24 x 0.51 in / 184mm x 184mm x 13mm (below ceiling) + 1.02 in / 26mm (above ceiling)
Weight	1.25 lbs / 567 g
Operating Temperature	- 20C / + 40C (tCase)
Installation	Recessed Cans, 4in Ceiling / Junction Box, Drywall
Mounting Hardware	E26 Adapter; Junction Box Adapter (Retrofit Installation) Junction Box Cover; Spring-Loaded Clips; Wire Nuts (New Construction)
Opening Diameter	Fit 4–6 in Opening

Compliance & Warranty

Certification	Energy Star; ETL, FCC, RoHS, JA8
Environment	Suitable for Wet Locations, Insulation Contact, Rated, Airtight
Warranty	3 Year Limited



6 Month Limited
Warranty

Ordering

Example: STDL 6 27 50 BT 120

Model	Size	GoodNight Mode	GoodDay Mode
STDL SunTrac Downlight	6 6 in	27 2500K	50 5000K 40 4000K 30 3000K
Control	Voltage	Color	
BT Bluetooth	120 120VAC	WH White	

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

©2020 Healthe Inc.
All Rights Reserved.
Specifications subject to
change without notice.

STDL_SpecSheet_091520