# Shine™

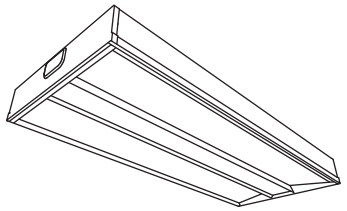
LEDALITE

Recessed

20”x4’

2 T5HO

airwave™ RESPONSE®



Project Name

Spec Type

Notes

## Order Guide

Some combinations of product options may not be available. Consult factory for assistance with your specification.

| 3354 | | | H254 | – | | – | | – | | – | |
|---|---|---|---|---|---|---|---|---|---|---|---|

### Product Series & Size
Shine 20”x4’

### Version
**NN** Standard T-Grid*

*Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed (see below).

For 20"x4' fixtures with air return, select perforated filler panel (see below).

### Configuration
**ST** Standalone

### Lamping
2 T5HO (54W)

### Housing
**S** Standard (22ga.)

### Wiring
**1** 1 cct
**2** 2 cct
**5** 1 cct w/ Battery Pack
**7** 1 cct Dimming

Consult website for complete list of standard wiring options

### Voltage
**1** 120V
**2** 277V
**3** 347V

### Ballast
**E** Standard Ballast

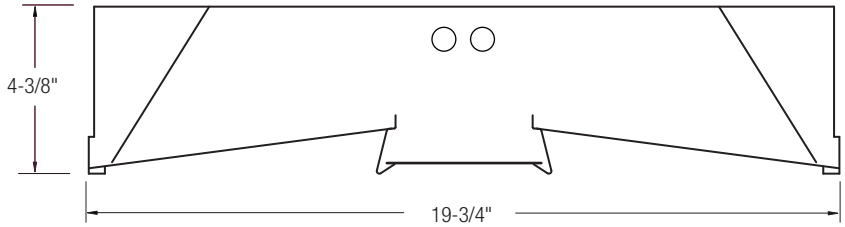
Consult website for ballast manufacturer information

## Upgrades & Accessories

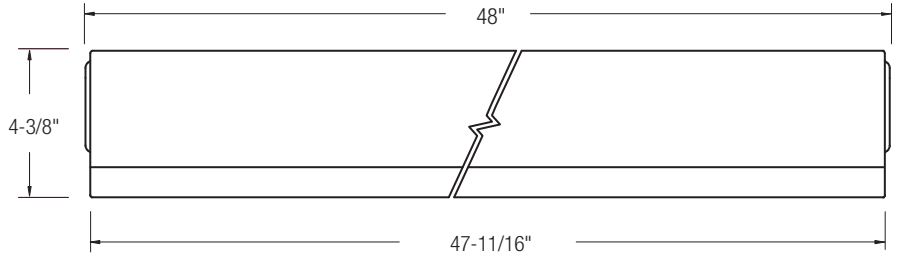
Please indicate with check mark.

- ☐ Lamps Included
- ☐ Job Pack
- ☐ Response Daylight
  For details visit www.ledalite.com/response
- ☐ Lamps Included & Installed
- ☐ Flex Whip
- ☐ Solid Filler Panel (set of 2)
- ☐ Perforated Filler Panel /Air Return (set of 2)

### Cross Section




### Side View



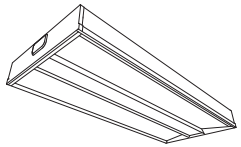

© 2009 Ledalite
Phone: 604.888.6811 Fax: 800.665.5332 Web: www.ledalite.com


Ledalite is a Philips group brand

PHILIPS

# Shine™

Recessed
20”x4’
2 T5HO



## Photometry

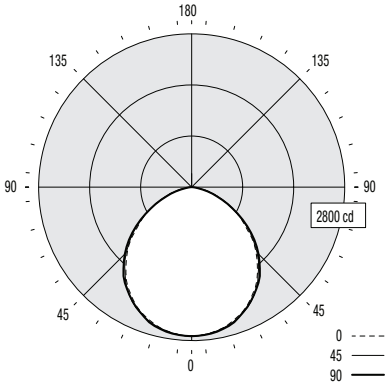
### Report Summary

**Report #** 9901718
**Filename** 3354D1H254.ies
**Efficiency** 75.7%

**Spacing Criteria** 1.22 @ 0˚ along
1.24 @ 90˚ across

### Candela Distribution

| Vertical Angle | Horizontal Angle 0 | 22.5 | 45 | 67.5 | 90 | Zonal Lumens |
|---|---|---|---|---|---|---|
| 0 | 2723 | 2723 | 2723 | 2723 | 2723 | |
| 5 | 2704 | 2710 | 2706 | 2713 | 2711 | 262 |
| 15 | 2596 | 2605 | 2610 | 2631 | 2626 | 736 |
| 25 | 2394 | 2404 | 2422 | 2430 | 2413 | 1112 |
| 35 | 2081 | 2121 | 2107 | 2141 | 2132 | 1321 |
| 45 | 1662 | 1713 | 1694 | 1759 | 1730 | 1323 |
| 55 | 1173 | 1246 | 1211 | 1299 | 1239 | 1109 |
| 65 | 726 | 760 | 728 | 784 | 726 | 746 |
| 75 | 342 | 366 | 318 | 333 | 302 | 358 |
| 85 | 61 | 70 | 45 | 56 | 38 | 72 |
| 90 | 0 | 0 | 0 | 0 | 0 | |




### Coefficients of Utilization (%)

| Ceiling: | 80 | | | | 70 | | | 50 | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Wall: | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 50 | 30 | 10 | 0 |
| 0 RCR | 90 | 90 | 90 | 90 | 88 | 88 | 88 | 84 | 84 | 84 | 75 |
| 1 | 83 | 79 | 76 | 74 | 81 | 78 | 75 | 74 | 72 | 70 | 64 |
| 2 | 75 | 70 | 65 | 61 | 74 | 68 | 64 | 66 | 62 | 59 | 54 |
| 3 | 69 | 61 | 56 | 51 | 67 | 60 | 55 | 58 | 53 | 49 | 46 |
| 4 | 63 | 55 | 48 | 43 | 62 | 54 | 48 | 52 | 47 | 42 | 40 |
| 5 | 58 | 49 | 42 | 37 | 57 | 48 | 42 | 46 | 41 | 37 | 34 |
| 6 | 54 | 44 | 37 | 33 | 52 | 43 | 37 | 42 | 36 | 32 | 30 |
| 7 | 50 | 40 | 33 | 29 | 49 | 39 | 33 | 38 | 33 | 29 | 27 |
| 8 | 46 | 36 | 30 | 26 | 45 | 36 | 30 | 35 | 29 | 26 | 24 |
| 9 | 43 | 33 | 27 | 23 | 42 | 33 | 27 | 32 | 27 | 23 | 21 |
| 10 | 41 | 31 | 25 | 21 | 40 | 30 | 25 | 30 | 25 | 21 | 19 |

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

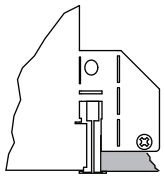
| Vertical Angle | Horizontal Angle 0 | 45 | 90 |
|---|---|---|---|
| 55 | 3575 | 3691 | 3777 |
| 65 | 3003 | 3012 | 3003 |
| 75 | 2310 | 2148 | 2040 |
| 85 | 1224 | 903 | 762 |

IES files for this and other photometric options can be downloaded online at www.ledalite.com

## Additional Information

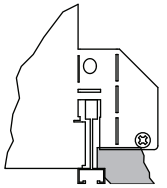
### Mounting

Integrates with most common T-bar ceiling types.



Works with 9/16" and 15/16" flat T-grid ceilings.

Flat T-Grid



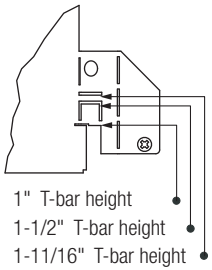
Can also be used with slot T-grid ceilings, but it will not sit flush with the bottom of the T-bar.

Slot T-Grid

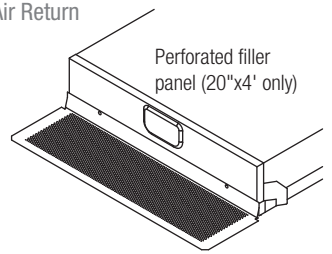
Note: Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed. For 20"x4' fixtures with air return, select perforated filler panel (see below).

### Ceiling Types

Integrated mounting tabs can be field-adjusted to various T-bar ceiling heights for fastening directly to the T-bar grid and/or tied-off to the building structure.




### Air Return




The air return version features a perforated filler panel at the end of the fixture. As a result, the installation method of the air return version is different to the standard version, and the fixture cannot be installed in continuous rows.

## Specifications

Due to continuing product improvements, Ledalite reserves the right to change specifications without notice.

**Housing**
Die-formed, post-painted, 22 gauge cold-rolled steel. Wire entrances are positioned on the side of the housing to allow easy wiring access for the installer. Multiple wire entrances are available on top or side to allow continuous row mounting of fixtures. Maintenance can be performed from below the ceiling without tools. No hardware is visible. Available with optional field installed filler panels (solid or perforated).

**Weight**
Maximum 40 lbs.

**Optical System**
Optical system consists of highly reflective painted interior reflectors and three flat acrylic lenses with 95% transmittance.

**Mounting**
Fixture is compatible with most common T-bar ceiling types. Integrated tabs are provided for different T-grid heights.

Works with 9/16” and 15/16” standard T-grid ceiling systems. Can also be used with slot T-grid ceiling systems but fixture will be slightly regressed above the T-bar.

**Ballast**
Electronic. Supplied with pre-installed ballast disconnects as per national electric codes.

**Wiring**
Fixtures are factory pre-wired and tested for all circuits and emergency battery packs; all leads pulled to a side access with cover plate. Optional armored cable flex whips are supplied in 6’ lengths. Armored cable flex connectors are supplied in 9’ lengths for standard master/satellite configurations.

**Air Return**
Available for 20"x4' only via perforated filler panel (see above).

**Approvals**
Certified to UL & CSA Standards.

**Finish**
Housing and Frame: Post-painted, high quality powder coat. Available in white.