Shine™

LEDALITE

Recessed

20"x4'

2 T5

airwave™   RESPONSE®

Order Guide

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

| 3354 | | | F228 | – | | – | | – | | – | |

Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast
Shine 20"x4'	**NN** Standard T-Grid*	**ST** Standalone	2 T5 (28W)	**S** Standard (22ga.)	**1** 1 cct	**1** 120V	**E** Standard Ballast
					2 2 cct	**2** 277V	
					5 1 cct w/ Battery Pack	**3** 347V	
					7 1 cct Dimming		

*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).

Consult website for complete list of standard wiring options

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

4-3/8"

19-3/4"

Side View

48"

4-3/8"

47-11/16"

PHILIPS
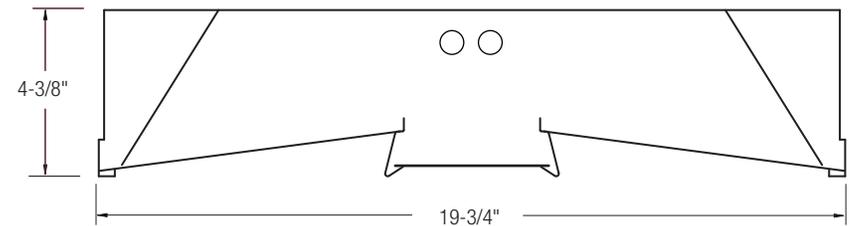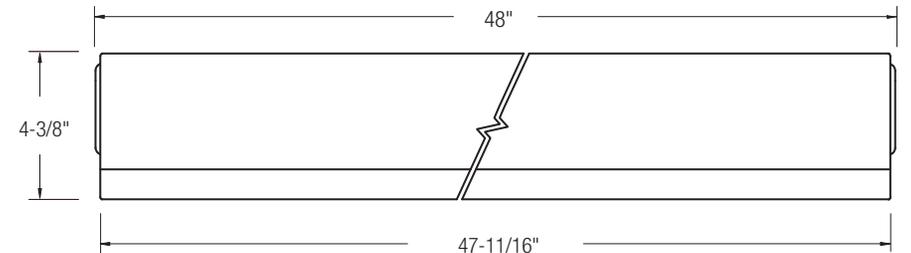
Shine™

Recessed	
20"x4'	
2 T5	
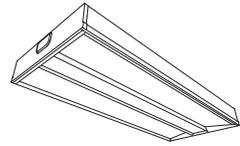
Photometry

Report Summary

Report #	9901759	**Spacing Criteria**	1.21 @ 0° along
Filename	3354D1F228.ies		1.23 @ 90° across
Efficiency	83.6%		

Candela Distribution

Vertical Angle	Horizontal Angle 0	22.5	45	67.5	90	Zonal Lumens
0	1910	1910	1910	1910	1910	
5	1895	1898	1896	1902	1901	184
15	1813	1829	1824	1842	1837	517
25	1666	1692	1680	1703	1690	778
35	1435	1470	1457	1493	1473	918
45	1134	1188	1170	1226	1220	913
55	796	861	828	886	864	758
65	490	527	497	522	493	506
75	220	243	216	218	194	234
85	37	43	24	33	26	44
90	0	0	0	0	0	

2000 cd

0 - - - -
45 ·······
90 ——
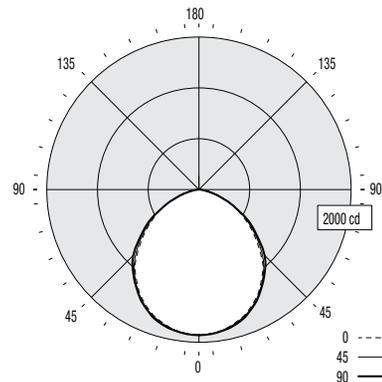
Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	99	99	99	99	97	97	97	93	93	93	83
1	92	88	85	82	89	86	83	82	80	78	71
2	84	77	72	67	82	76	71	73	69	65	60
3	77	68	62	57	75	67	61	64	59	55	51
4	70	61	54	48	68	60	53	58	52	47	44
5	65	54	47	42	63	53	47	52	46	41	38
6	60	49	42	37	58	48	41	47	41	36	34
7	56	45	37	32	54	44	37	43	36	32	30
8	52	41	34	29	50	40	33	39	33	29	27
9	48	37	31	26	47	37	30	36	30	26	24
10	45	34	28	24	44	34	28	33	27	23	22

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle 0	45	90
55	2426	2524	2634
65	2027	2056	2040
75	1486	1459	1310
85	742	481	522

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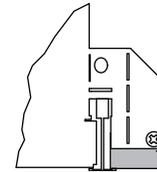
Works with 9/16" and 15/16" flat T-grid ceilings.
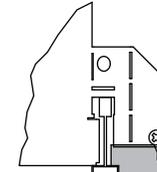
Flat T-Grid

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.
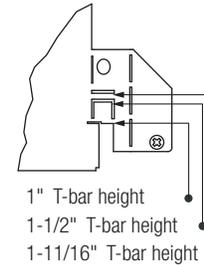
1" T-bar height
1-1/2" T-bar height
1-11/16" T-bar height

Air Return
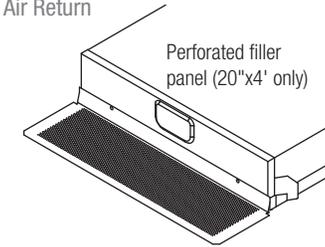
Perforated filler panel (20"x4' only)

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.