Shine™

LEDALITE
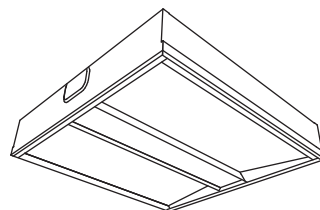
Recessed

2'x2'

1 TT5 (25W)

airwave™   RESPONSE®

Order Guide

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

3322			B125	–		–		–		–	

Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast
Shine 2'x2'	**D1** Standard T-Grid **A1** Air Return on Standard T-Grid	**ST** Standalone **CR** Continuous Row	1 TT5 (25W)	**S** Standard (22ga.) **N** New York (20ga.) **C** Chicago Plenum	**1** 1 cct **5** 1 cct w/ Battery Pack **7** 1 cct Dimming	**1** 120V **2** 277V **3** 347V	**E** Standard Ballast
	See details on next page				Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information

Upgrades & Accessories
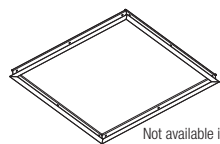
Please indicate with check mark.

- ☐ Lamps Included
- ☐ Job Pack
- ☐ Drywall Kit
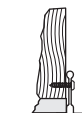- ☐ Lamps Included & Installed
- ☐ Flex Whip

Can be mounted to wood frame or with hanger wire

Not available in continuous row

Wood Frame   Hanger Wire

- ☐ Response Daylight
  For details visit www.ledalite.com/response

Cross Section

4-3/8"

23-13/16"

Side View

24"

4-3/8"

23-11/16"
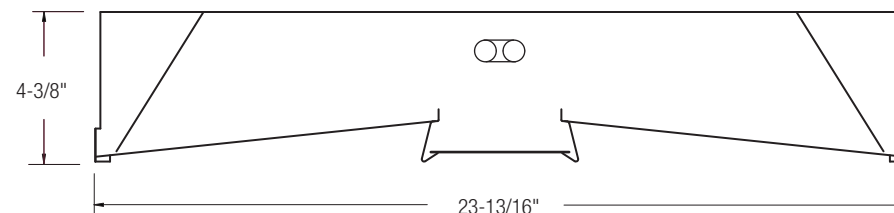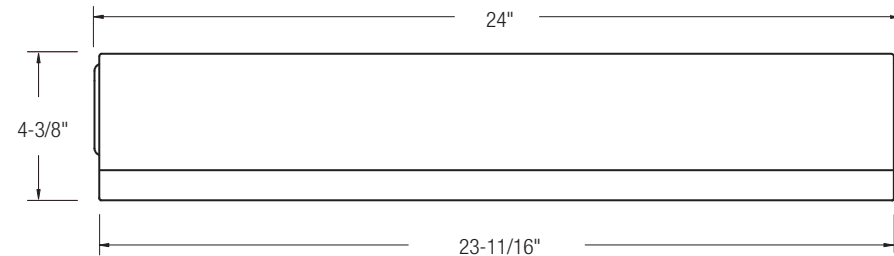
Shine™

Recessed

2'x2'

1 TT5 (25W)
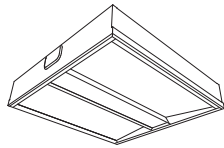
Photometry

Report Summary

Report #	9901697	**Spacing Criteria**	1.2 @ 0˚ along
Filename	3322D1B125.ies		1.25 @ 90˚ across
Efficiency	85.4%		

Meets RP-1-04 recommendations for VDT-Normal spaces

Candela Distribution

Vertical Angle	Horizontal Angle 0	22.5	45	67.5	90	Zonal Lumens
0	855	855	855	855	855	
5	848	851	850	853	852	81
15	811	818	819	830	828	231
25	740	754	754	769	762	348
35	636	657	657	681	674	414
45	500	525	524	574	572	416
55	356	380	383	428	423	352
65	216	233	237	261	258	240
75	100	111	103	115	113	117
85	17	21	16	17	13	24
90	0	0	0	0	0	

900 cd

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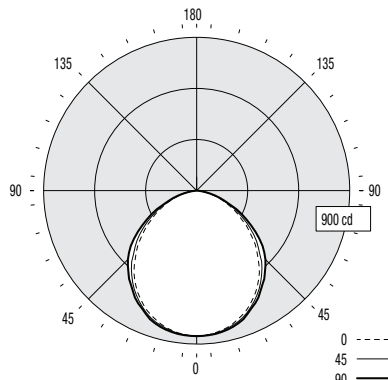
Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	101	101	101	101	99	99	99	95	95	95	85
1	93	90	86	83	91	88	85	84	82	79	73
2	85	79	73	68	83	77	72	74	70	66	61
3	78	69	63	57	76	68	62	65	60	56	52
4	71	62	54	49	70	60	54	58	52	48	45
5	66	55	48	42	64	54	47	52	46	41	39
6	61	50	42	37	59	49	42	47	41	36	34
7	56	45	38	33	55	44	37	43	37	32	30
8	52	41	34	29	51	41	34	39	33	29	27
9	49	38	31	26	48	37	31	36	30	26	24
10	46	35	28	24	45	34	28	34	28	24	22

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle 0	45	90
55	1812	1949	2153
65	1492	1637	1782
75	1128	1162	1274
85	569	536	435

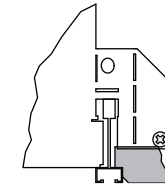IES files for this and other photometric options can be downloaded online at www.ledalite.com

Additional Information

Mounting

Integrates with most common T-bar ceiling types.
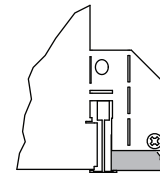
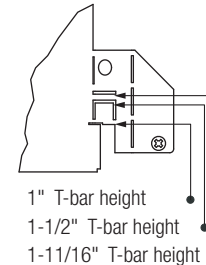Option D1 works with 9/16" and 15/16" flat T-grid ceilings.

D1 can also be used with slot T-grid ceilings, but it will not sit flush with the bottom of the T-bar.
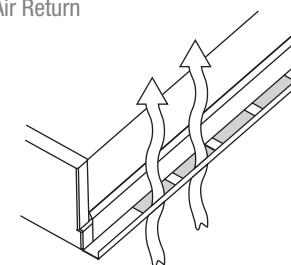
Flat T-Grid

Slot T-Grid

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

The air return version features slotted vents along the sides 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 (New York City version is 20 gauge). 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.

Weight

Maximum 23 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 ceiling types. Option D1 works with 9/16" and 15/16" standard T-grid ceiling systems. D1 can be used with slot T-grid ceiling systems but fixture will be slightly regressed above the T-bar. Integrated tabs are provided for different T-grid heights. Optional drywall kit is available for non-accessible ceilings.

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 for 1x4, 2x2 and 2x4 fixtures. Armored cable flex connectors are supplied in 9' lengths for optional master/satellite configurations.

Air Return

Air return option available in 2'x2' and 2'x4' sizes. Perforated air return side rails are finished in black.

Approvals

Certified to UL & CSA Standards. City of Chicago Approved CCEA (housing option C). Designed to comply with NYC code requirements (Housing Option N).

Finish

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