Shine™

LEDALITE
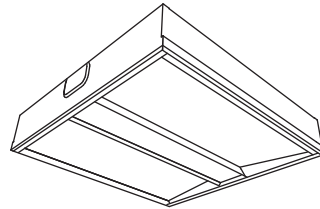
Recessed

2'x2'

2 TT5 (55W)

airwave™   *RESPONSE®*

Order Guide

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

3322			B255	–		–		–		–	

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	2 TT5 (55W)	**S** Standard (22ga.) **C** Chicago Plenum	**1** 1 cct **2** 2 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

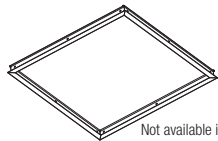## Upgrades & Accessories

Please indicate with check mark.

- ☐ Lamps Included
- ☐ Job Pack
- ☐ Drywall Kit
- ☐ Response Daylight
  For details visit www.ledalite.com/response

- ☐ Lamps Included & Installed
- ☐ Flex Whip

Can be mounted to wood frame or with hanger wire

Not available in continuous row
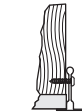
Wood Frame   Hanger Wire

Cross Section

4-3/8"

23-13/16"

Side View

24"

4-3/8"

23-11/16"

PHILIPS
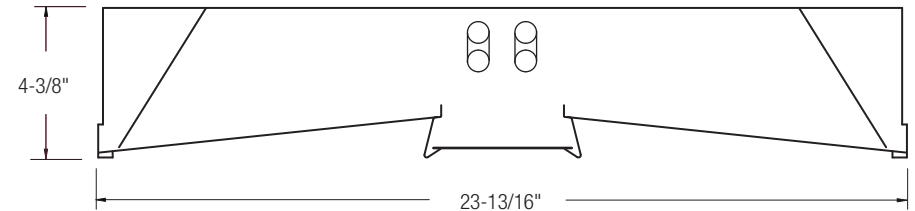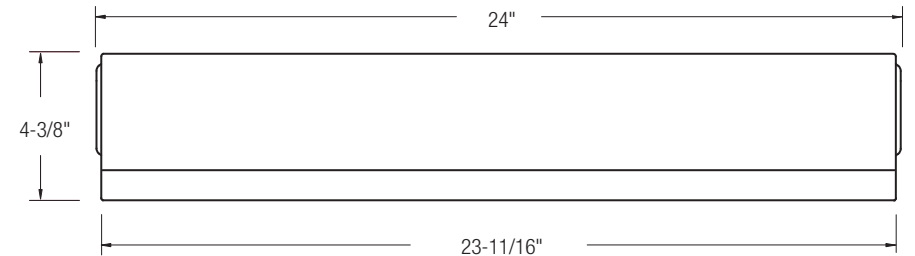
Shine™
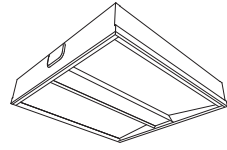
Photometry

Report Summary

Report #	9901743	**Spacing Criteria**	1.22 @ 0˚ along
Filename	3322D1B255.ies		1.35 @ 90˚ across
Efficiency	70.4%		

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2431	2431	2431	2431	2431	
5	2416	2421	2424	2434	2437	236
15	2327	2344	2377	2425	2433	673
25	2142	2190	2256	2332	2328	1038
35	1848	1935	2026	2134	2123	1263
45	1475	1576	1670	1811	1797	1288
55	1027	1161	1198	1345	1331	1090
65	647	728	740	816	792	743
75	307	342	321	364	344	362
85	50	62	50	56	40	71
90	0	0	0	0	0	

2500 cd
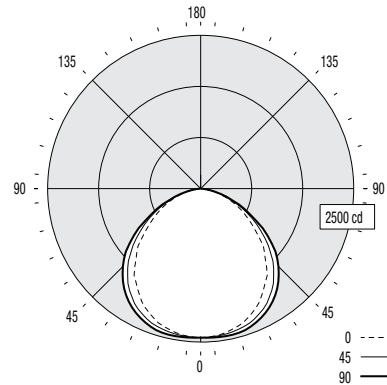
Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	83	83	83	83	82	82	82	78	78	78	70
1	77	74	71	68	75	72	69	69	67	65	60
2	70	64	60	56	68	63	59	61	57	54	50
3	64	57	51	47	62	56	51	54	49	46	42
4	59	50	44	40	57	49	44	48	43	39	36
5	54	45	39	34	52	44	38	43	38	34	31
6	50	40	34	30	48	40	34	39	33	29	27
7	46	37	31	26	45	36	30	35	30	26	24
8	43	33	27	23	42	33	27	32	27	23	22
9	40	31	25	21	39	30	25	29	24	21	19
10	37	28	23	19	37	28	23	27	22	19	17

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	4816	5618	6242
65	4118	4710	5041
75	3191	3336	3575
85	1543	1543	1235

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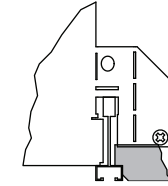

Additional Information

Mounting

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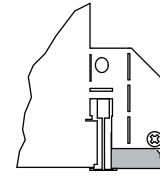
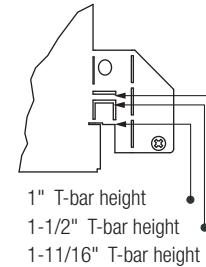Option D1 works with 9/16" and 15/16" flat T-grid ceilings.

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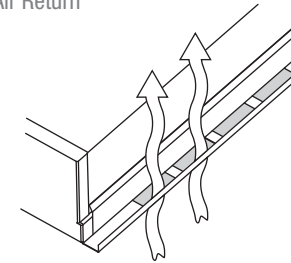
Flat T-Grid

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.