

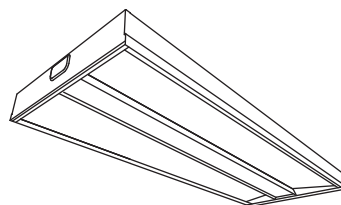
Shine™



Recessed

2'x4'

2 T8



Project Name

Spec Type

Notes

Order Guide

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

3324

T232

Product Series & Size

Shine 2'x4'

Version

- D1** Standard T-Grid
A1 Air Return on Standard T-Grid

See details on next page

Configuration

- ST** Standalone
CR Continuous Row
SMS Standalone Master/Satellite
CMS Continuous Row Master/Satellite

Lamping

2 T8 (32W)

Housing

- S** Standard (22ga.)
N New York (20ga.)
C Chicago Plenum

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.

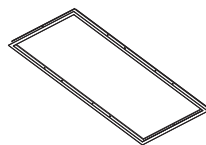
☐ Lamps Included

☐ Lamps Included & Installed

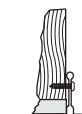
☐ Job Pack

☐ Flex Whip

☐ Drywall Kit



Can be mounted to wood frame or with hanger wire



Wood Frame

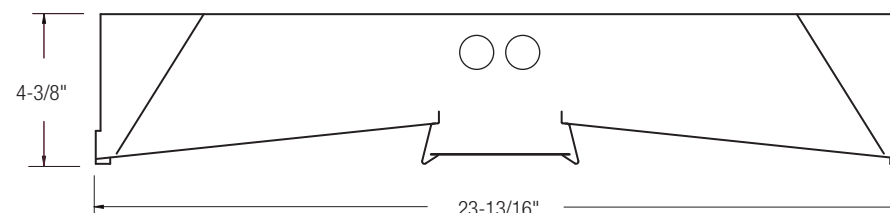


Hanger Wire

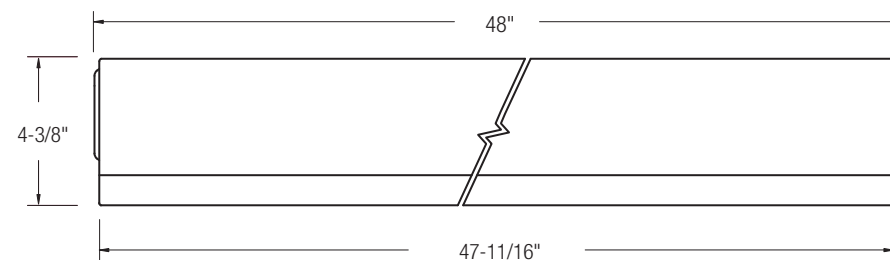
☐ Response Daylight

For details visit www.ledalite.com/response

Cross Section



Side View

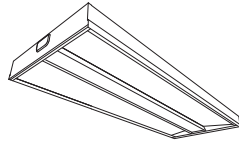


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2 T8



Photometry

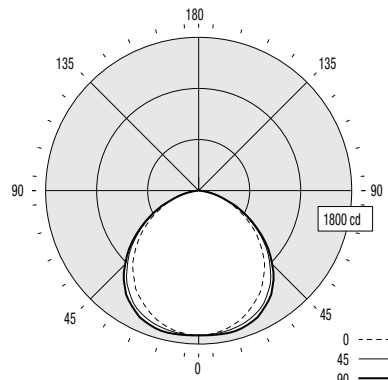
Report Summary

Report # 9901682
Filename 3324D1T232.ies
Efficiency 81.5%

Spacing Criteria 1.24 @ 0° along
1.35 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1700	1700	1700	1700	1700	
5	1689	1695	1696	1702	1704	165
15	1624	1645	1666	1698	1704	471
25	1495	1547	1593	1637	1641	731
35	1312	1384	1432	1491	1489	890
45	1073	1151	1179	1257	1222	911
55	791	848	872	931	897	779
65	485	541	543	573	548	539
75	232	258	240	258	241	268
85	44	51	37	42	34	56
90	0	0	0	0	0	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0			
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10
0 RCR	97	97	97	97	94	94	94	90	90	90	90	81				
1	89	85	82	79	87	83	80	80	77	75	69					
2	81	74	69	65	79	73	68	70	66	62	58					
3	74	66	59	54	72	64	58	62	57	52	49					
4	68	58	51	46	66	57	50	55	49	45	42					
5	62	52	45	39	61	51	44	49	43	39	36					
6	57	47	39	34	56	46	39	44	38	34	32					
7	53	42	35	30	52	42	35	40	34	30	28					
8	49	39	32	27	48	38	31	37	31	27	25					
9	46	35	29	24	45	35	28	34	28	24	22					
10	43	33	26	22	42	32	26	31	26	22	20					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

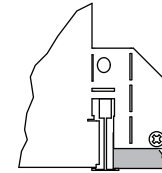
Vertical Angle	Horizontal Angle		
	0	45	90
55	1982	2185	2247
65	1649	1846	1863
75	1288	1333	1338
85	726	610	561

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

Additional Information

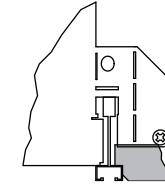
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

Option D1 works with 9/16" and 15/16" flat T-grid ceilings.

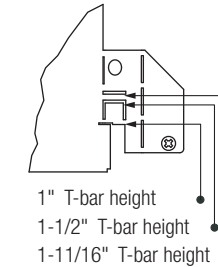


Slot T-Grid

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

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.

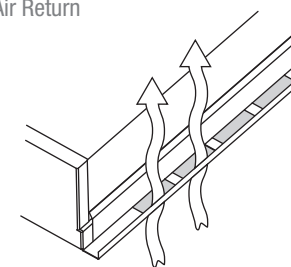


1" T-bar height

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 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 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.