

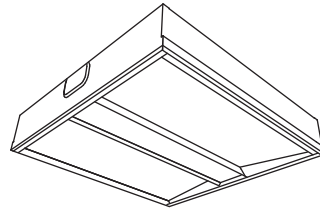
Shine™



Recessed

2'x2'

3 T5HO



Project Name

Spec Type

Notes

Order Guide

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

3322			H324	-		-		-		-		
Product Series & Size Shine 2'x2'	Version D1 Standard T-Grid A1 Air Return on Standard T-Grid	Configuration ST Standalone CR Continuous Row CMS Continuous Row Master/Satellite	Lamping 3 T5HO (24W)	Housing S Standard (22ga.) C Chicago Plenum	Wiring 1 1 cct 2 2 cct 5 1 cct w/ Battery Pack	Voltage 1 120V 2 277V 3 347V	Ballast 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.

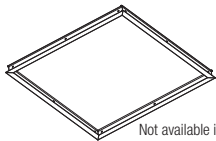
Lamps Included

Lamps Included & Installed

Job Pack

Flex Whip

Drywall Kit

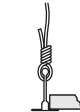


Not available in continuous row

Can be mounted to wood frame or with hanger wire

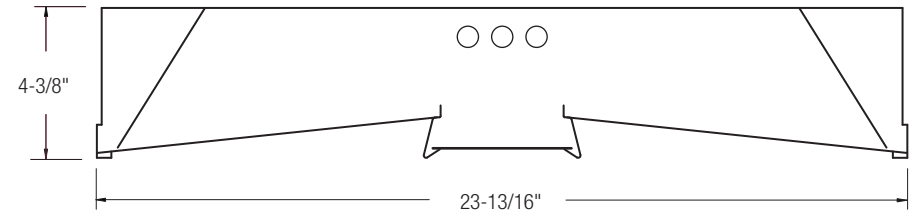


Wood Frame

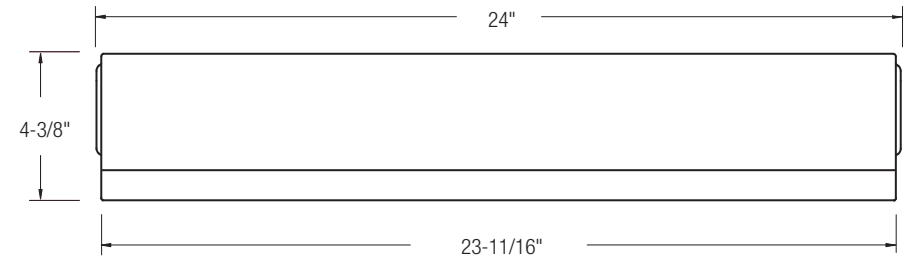


Hanger Wire

Cross Section

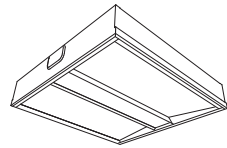


Side View



Shine™

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3 T5HO



Photometry

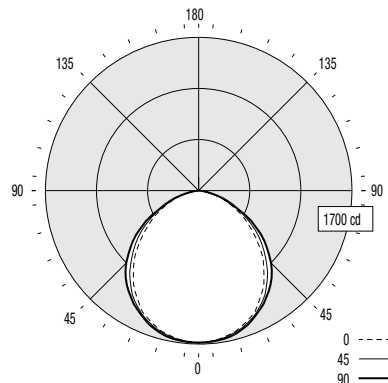
Report Summary

Report # 9901784
Filename 3322D1H324.ies
Efficiency 73.1%

Spacing Criteria 1.2 @ 0° along
1.26 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1687	1687	1687	1687	1687	
5	1676	1678	1677	1682	1681	163
15	1610	1613	1619	1638	1636	457
25	1481	1489	1503	1530	1516	692
35	1262	1292	1308	1362	1357	824
45	992	1030	1049	1142	1136	824
55	688	742	768	841	844	696
65	421	460	461	511	476	467
75	194	210	200	222	207	222
85	27	36	28	30	22	40
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	87	87	87	87	85	85	85	81	81	81	81	73				
1	80	77	74	71	78	75	72	72	70	68	62					
2	73	67	63	59	71	66	62	63	60	57	53					
3	67	59	54	49	65	58	53	56	52	48	45					
4	61	53	47	42	59	52	46	50	45	41	38					
5	56	47	41	36	55	46	40	45	40	36	33					
6	52	43	36	32	51	42	36	41	35	31	29					
7	48	39	32	28	47	38	32	37	32	28	26					
8	45	35	29	25	44	35	29	34	28	25	23					
9	42	32	26	22	41	32	26	31	26	22	21					
10	39	30	24	20	38	29	24	29	24	20	19					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

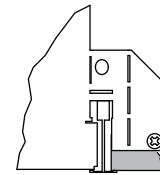
Vertical Angle	Horizontal Angle		
	0	45	90
55	3501	3909	4295
65	2908	3184	3288
75	2188	2256	2335
85	904	938	737

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

Additional Information

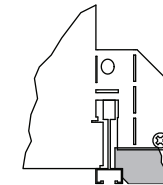
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

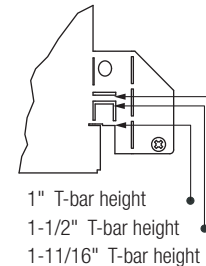


Slot T-Grid

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

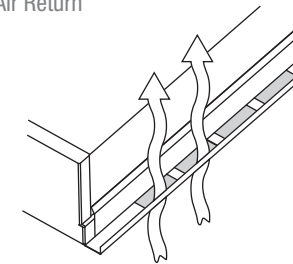
Ceiling Types

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 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.