

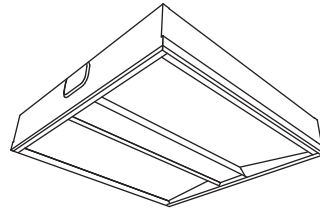
# Shine™



Recessed

2'x2'

2 T5HO



Project Name

Spec Type

Notes

## Order Guide

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

<b>3322</b>			<b>H224</b>	-		-		-		-		
Product Series & Size Shine 2'x2'	Version <b>D1</b> Standard T-Grid <b>A1</b> Air Return on Standard T-Grid	Configuration <b>ST</b> Standalone <b>CR</b> Continuous Row	Lamping 2 T5HO (24W)	Housing <b>S</b> Standard (22ga.) <b>C</b> Chicago Plenum	Wiring <b>1</b> 1 cct <b>2</b> 2 cct <b>5</b> 1 cct w/ Battery Pack	Voltage <b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	Ballast <b>E</b> 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.

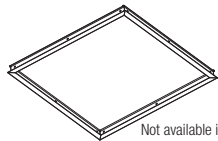
Lamps Included

Lamps Included & Installed

Job Pack

Flex Whip

Drywall Kit



Not available in continuous row

Can be mounted to wood frame or with hanger wire

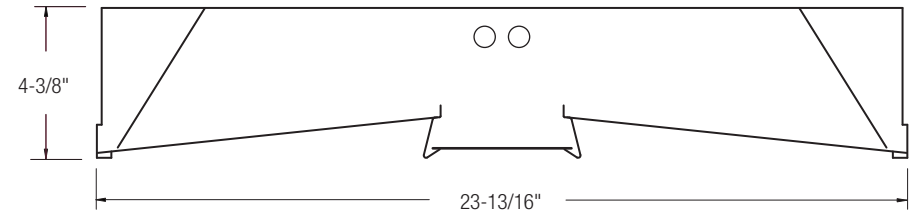


Wood Frame

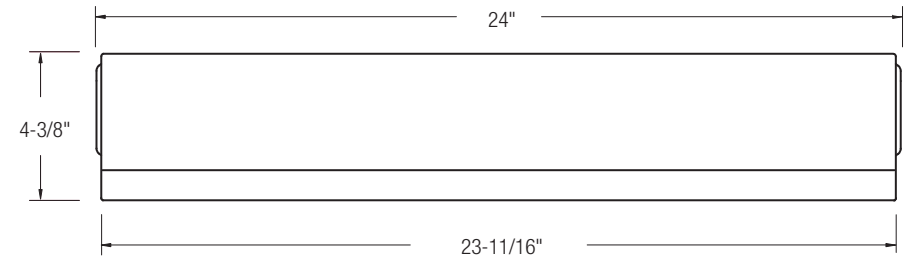


Hanger Wire

## Cross Section

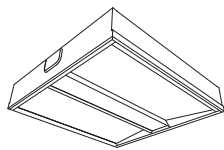


## Side View



# Shine™

Recessed  
2'x2'  
2 T5HO



## Photometry

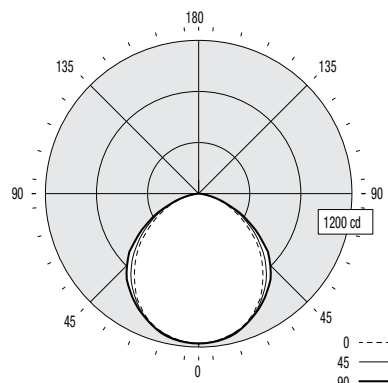
### Report Summary

Report # 9901782  
Filename 3322D1H224.ies  
Efficiency 76.2%

Spacing Criteria 1.2 @ 0° along  
1.25 @ 90° across

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1174	1174	1174	1174	1174	114
5	1167	1169	1166	1170	1169	318
15	1121	1124	1121	1134	1130	478
25	1025	1036	1035	1043	1042	569
35	870	904	903	933	934	575
45	689	726	736	787	793	487
55	481	515	532	595	584	327
65	292	313	327	357	355	153
75	130	145	140	156	143	29
85	20	21	19	22	18	
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	90	90	90	90	88	88	88	84	84	84	84	76				
1	83	80	77	74	81	78	75	75	73	71	65					
2	76	70	65	61	74	69	64	66	62	59	55					
3	69	62	56	51	68	61	55	58	54	50	46					
4	64	55	48	44	62	54	48	52	47	43	40					
5	59	49	42	38	57	48	42	47	41	37	35					
6	54	44	38	33	53	44	37	42	37	32	30					
7	50	40	34	29	49	40	33	38	33	29	27					
8	47	37	30	26	46	36	30	35	30	26	24					
9	44	34	27	23	43	33	27	32	27	23	21					
10	41	31	25	21	40	31	25	30	25	21	19					

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

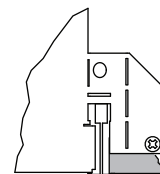
Vertical Angle	Horizontal Angle		
	0	45	90
55	2448	2708	2972
65	2017	2259	2452
75	1466	1579	1613
85	670	636	603

IES files for this and other photometric options can be downloaded online at [www.ledalite.com](http://www.ledalite.com)

## Additional Information

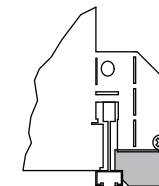
### Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

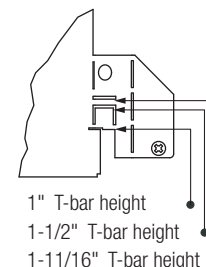


Slot T-Grid

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

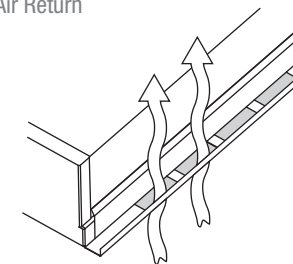
### Ceiling Types

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.