

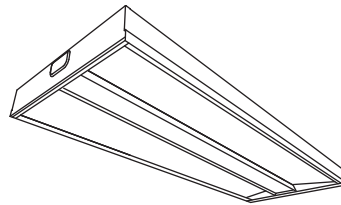
# Shine™



Recessed

2'x4'

3 T8



Project Name

Spec Type

Notes



## Order Guide

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

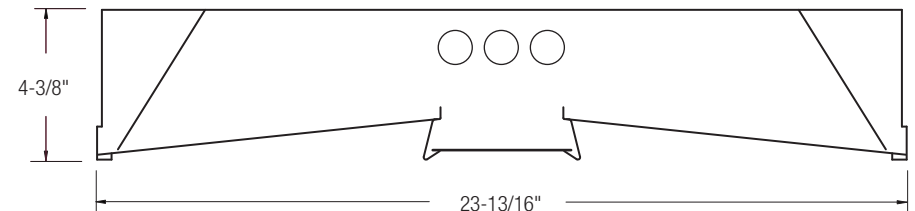
3324			T332	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
Shine 2'x4'	D1 Standard T-Grid A1 Air Return on Standard T-Grid	ST Standalone CR Continuous Row CMS Continuous Row Master/Satellite	3 T8 (32W)	S Standard (22ga.) N New York (20ga.) C Chicago 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

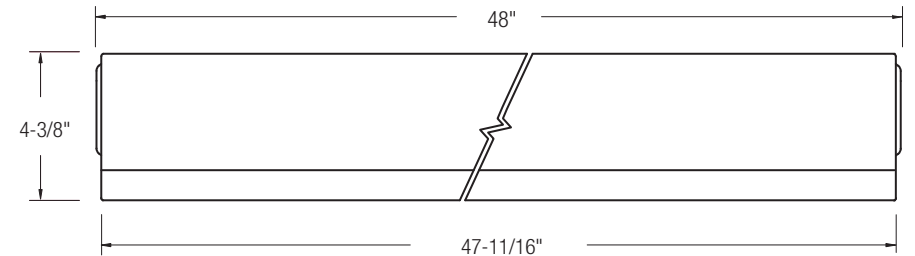
Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included & Installed
<input type="checkbox"/> Job Pack	<input type="checkbox"/> Flex Whip
<input type="checkbox"/> Drywall Kit	Can be mounted to wood frame or with hanger wire  
<input type="checkbox"/> Response Daylight For details visit <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	

### Cross Section



### Side View

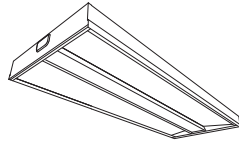


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## Photometry

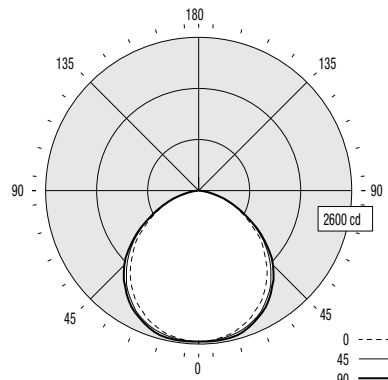
### Report Summary

**Report #** 9901684  
**Filename** 3324D1T332.ies  
**Efficiency** 79.5%

**Spacing Criteria** 1.24 @ 0° along  
1.31 @ 90° across

### Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2691	2691	2691	2691	2691	
5	2677	2682	2684	2692	2694	260
15	2583	2602	2624	2662	2668	741
25	2372	2434	2476	2515	2502	1136
35	2086	2163	2198	2255	2245	1370
45	1683	1791	1802	1877	1877	1394
55	1226	1302	1324	1386	1361	1186
65	765	830	814	849	806	814
75	358	402	367	385	350	404
85	70	84	59	71	50	87
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	94	94	94	94	92	92	92	88	88	88	88	88	79			
1	87	83	80	77	84	81	78	78	76	73	73	67				
2	79	73	68	63	77	71	66	68	64	61	57					
3	72	64	58	53	70	63	57	60	55	51	48					
4	66	57	50	45	64	56	49	54	48	44	41					
5	61	51	44	39	59	50	43	48	42	38	36					
6	56	46	39	34	55	45	38	44	38	33	31					
7	52	41	35	30	51	41	34	40	34	29	27					
8	48	38	31	27	47	37	31	36	30	26	24					
9	45	35	28	24	44	34	28	33	28	24	22					
10	42	32	26	22	41	32	26	31	25	21	20					

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

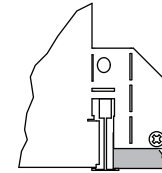
Vertical Angle	Horizontal Angle		
	0	45	90
55	3072	3317	3410
65	2601	2768	2741
75	1988	2038	1943
85	1154	973	824

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

## Additional Information

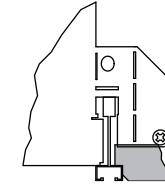
### Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

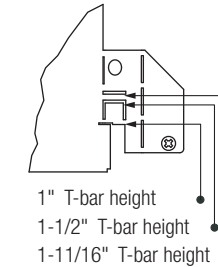


Slot T-Grid

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.

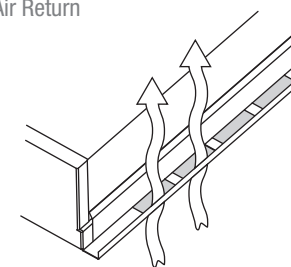


1" T-bar height

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 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.