

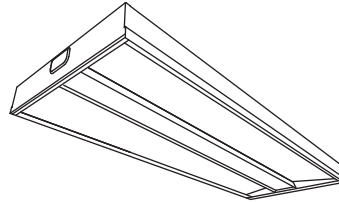
Shine™



Recessed

2'x4'

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.

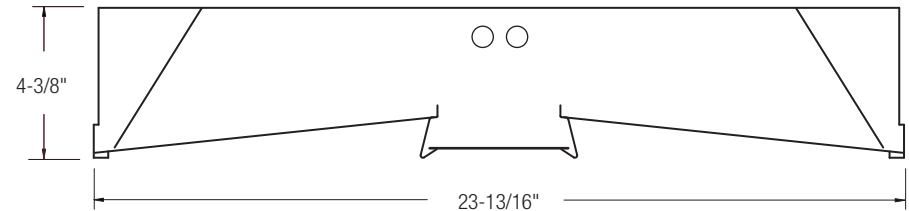
3324			H254	-		-		-		-	
Product Series & Size Shine 2'x4'	Version D1 Standard T-Grid A1 Air Return on Standard T-Grid	Configuration ST Standalone CR Continuous Row	Lamping 2 T5HO (54W)	Housing S Standard (22ga.) C Chicago Plenum	Wiring 1 1 cct 2 2 cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	Voltage 1 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

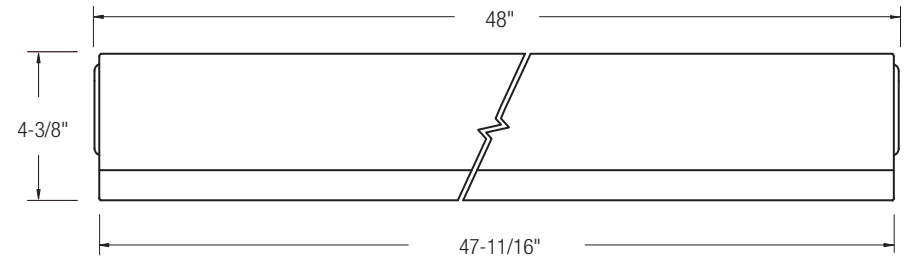
Please indicate with check mark.

<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	<input type="checkbox"/> Can be mounted to wood frame or with hanger wire
<input type="checkbox"/> Response Daylight For details visit www.ledalite.com/response	

Cross Section

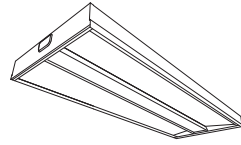


Side View



Shine™

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2 T5HO



Photometry

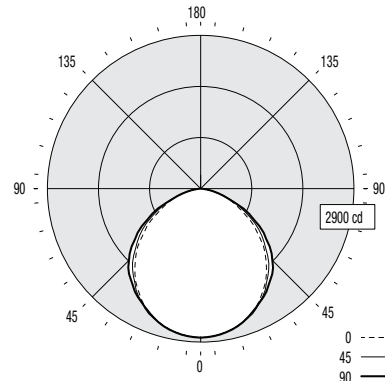
Report Summary

Report # 9901790
Filename 3324D1H254.ies
Efficiency 80.4%

Spacing Criteria 1.21 @ 0° along
1.25 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2820	2820	2820	2820	2820	271
5	2802	2808	2802	2807	2803	762
15	2689	2701	2692	2713	2697	1148
25	2479	2488	2498	2501	2481	1373
35	2145	2186	2171	2241	2237	1407
45	1725	1795	1794	1913	1918	1213
55	1240	1308	1341	1463	1456	825
65	740	820	817	890	895	401
75	358	389	354	395	353	77
85	63	69	44	56	41	
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	95	95	95	95	93	93	93	89	89	89	89	89	89	89	89	89
1	88	84	81	78	86	82	79	79	77	74	68	68	68	68	68	68
2	80	74	69	64	78	72	67	69	65	62	57	57	57	57	57	57
3	73	65	59	54	71	64	58	61	56	52	49	49	49	49	49	49
4	67	58	51	46	65	57	50	55	49	45	42	42	42	42	42	42
5	62	52	44	39	60	51	44	49	43	39	36	36	36	36	36	36
6	57	46	39	34	55	46	39	44	38	34	32	32	32	32	32	32
7	53	42	35	30	51	41	35	40	34	30	28	28	28	28	28	28
8	49	38	32	27	48	38	31	37	31	27	25	25	25	25	25	25
9	46	35	29	24	45	35	28	34	28	24	22	22	22	22	22	22
10	43	32	26	22	42	32	26	31	26	22	20	20	20	20	20	20

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

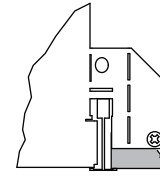
Vertical Angle	Horizontal Angle		
	0	45	90
55	3107	3360	3648
65	2516	2778	3043
75	1988	1966	1960
85	1039	726	676

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

Additional Information

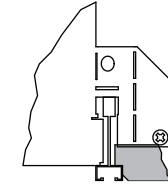
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

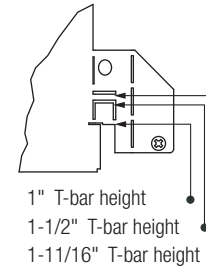


Slot T-Grid

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

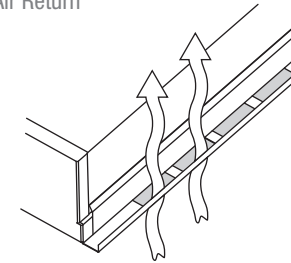
Ceiling Types

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.