

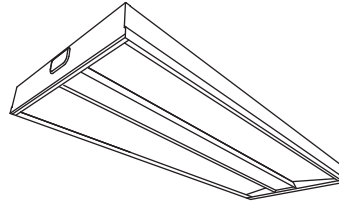
Shine™



Recessed

2'x4'

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.

3324			H354	-		-		-		-	
Product Series & Size Shine 2'x4'	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 (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.

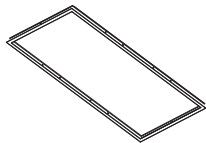
Lamps Included

Lamps Included & Installed

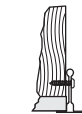
Job Pack

Flex Whip

Drywall Kit



Can be mounted to wood frame or with hanger wire

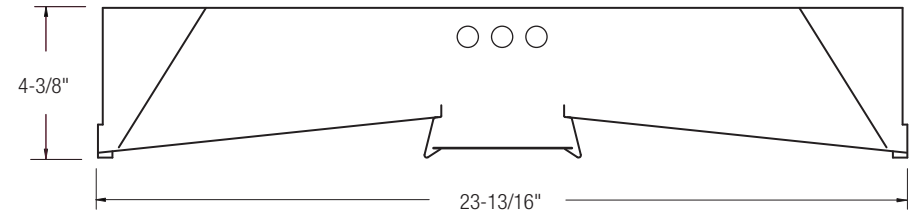


Wood Frame

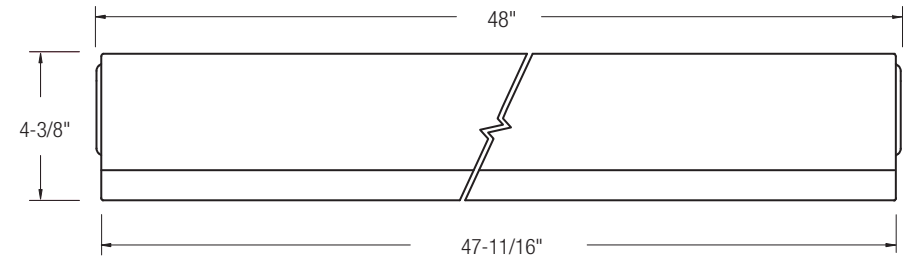


Hanger Wire

Cross Section



Side View

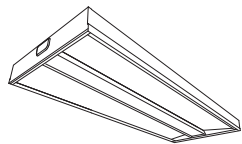


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Photometry

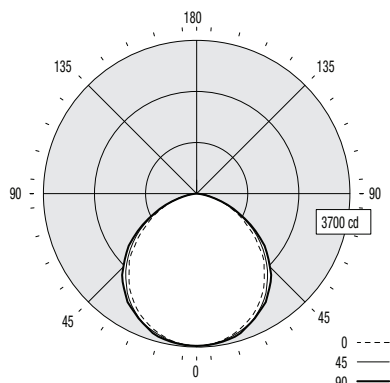
Report Summary

Report # 9901769
 Filename 3324D1H354.ies
 Efficiency 71.1%

Spacing Criteria 1.22 @ 0° along
 1.28 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	3677	3677	3677	3677	3677	
5	3653	3659	3659	3667	3662	352
15	3497	3533	3529	3575	3575	999
25	3222	3274	3308	3341	3321	1519
35	2816	2901	2921	2982	2988	1828
45	2302	2394	2388	2532	2501	1864
55	1636	1749	1780	1926	1872	1603
65	1026	1107	1092	1203	1120	1106
75	489	532	474	517	463	538
85	89	109	73	71	60	109
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	84	84	84	84	82	82	82	79	79	79	79	71				
1	78	74	72	69	76	73	70	70	68	66	60					
2	71	65	60	57	69	64	60	61	58	55	51					
3	65	57	52	47	63	56	51	54	50	46	43					
4	59	51	45	40	58	50	44	48	43	39	37					
5	54	45	39	35	53	45	39	43	38	34	32					
6	50	41	35	30	49	40	34	39	34	30	28					
7	47	37	31	27	45	36	31	35	30	26	25					
8	43	34	28	24	42	33	28	32	27	23	22					
9	40	31	25	21	39	31	25	30	25	21	20					
10	38	29	23	19	37	28	23	27	23	19	18					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

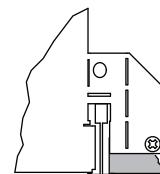
Vertical Angle	Horizontal Angle		
	0	45	90
55	4099	4460	4690
65	3489	3713	3809
75	2715	2632	2571
85	1468	1204	989

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

Additional Information

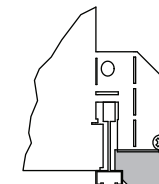
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

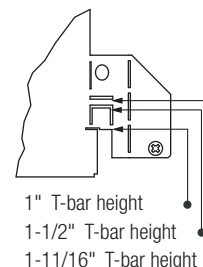


Slot T-Grid

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

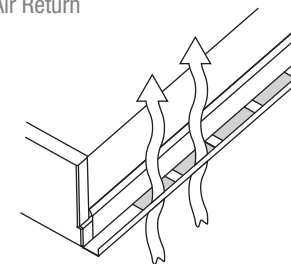
Ceiling Types

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.