

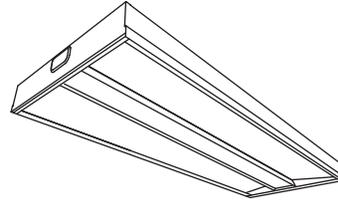
Shine™



Recessed

2'x4'

1 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			H154	-		-		-		-		
Product Series & Size Shine 2'x4'	Version D1 Standard T-Grid A1 Air Return on Standard T-Grid	Configuration ST Standalone CR Continuous Row SMS Standalone Master/Satellite CMS Continuous Row Master/Satellite	Lamping 1 T5HO (54W)	Housing S Standard (22ga.) N New York (20ga.) C Chicago Plenum	Wiring 1 1 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.

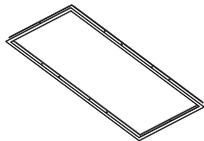
Lamps Included

Lamps Included & Installed

Job Pack

Flex Whip

Drywall Kit



Can be mounted to wood frame or with hanger wire



Wood Frame

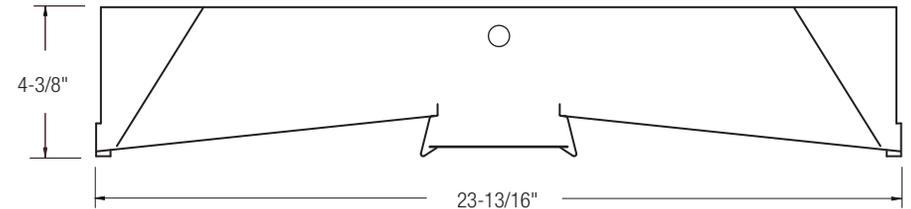


Hanger Wire

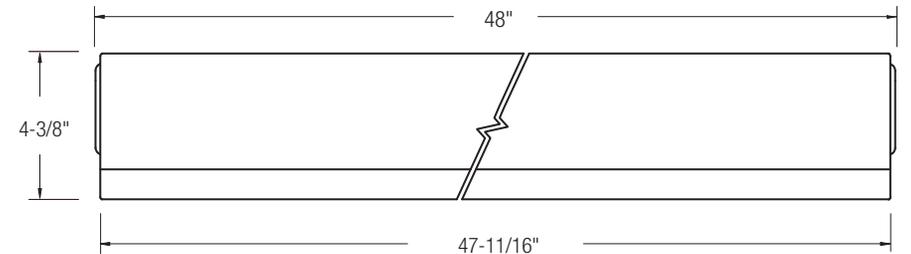
Response Daylight

For details visit www.ledalite.com/response

Cross Section



Side View

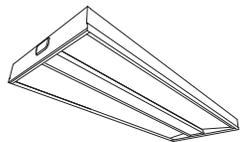


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Photometry

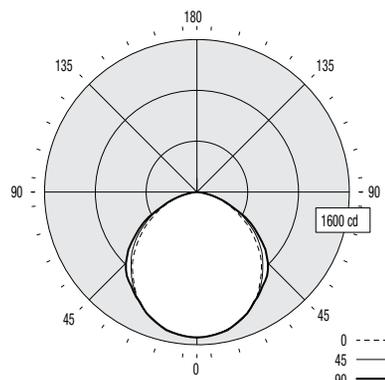
Report Summary

Report # 9901719
Filename 3324D1H154.ies
Efficiency 87.9%

Spacing Criteria 1.22 @ 0° along
 1.24 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1526	1526	1526	1526	1526	146
5	1516	1518	1516	1519	1517	412
15	1454	1460	1457	1463	1459	620
25	1340	1352	1343	1346	1340	742
35	1155	1186	1175	1204	1203	766
45	943	966	975	1045	1054	666
55	681	714	739	795	787	464
65	426	459	463	506	477	228
75	204	223	204	220	209	47
85	38	46	31	36	25	
90	0	0	0	0	0	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0				
	70	50	30	10	70	50	30	10	50	30	10	0	70	50	30	10	0
0 RCR	104	104	104	104	102	102	102	97	97	97	97	88	88	88	88	88	88
1	96	92	88	85	94	90	87	86	84	81	74	74	74	74	74	74	74
2	87	80	75	70	85	79	74	76	71	67	63	63	63	63	63	63	63
3	80	71	64	58	78	69	63	67	61	57	53	53	53	53	53	53	53
4	73	63	55	49	71	62	55	59	53	48	45	45	45	45	45	45	45
5	67	56	48	43	65	55	48	53	47	42	39	39	39	39	39	39	39
6	62	51	43	37	60	50	42	48	42	37	34	34	34	34	34	34	34
7	58	46	38	33	56	45	38	44	37	32	30	30	30	30	30	30	30
8	54	42	34	29	52	41	34	40	34	29	27	27	27	27	27	27	27
9	50	38	31	26	49	38	31	37	30	26	24	24	24	24	24	24	24
10	47	35	28	24	46	35	28	34	28	24	22	22	22	22	22	22	22

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

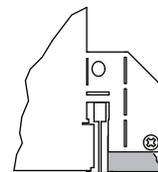
Vertical Angle	Horizontal Angle		
	0	45	90
55	1706	1852	1972
65	1449	1574	1622
75	1133	1133	1160
85	627	511	412

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

Additional Information

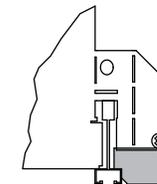
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

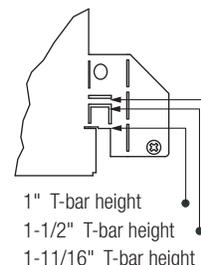


Slot T-Grid

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

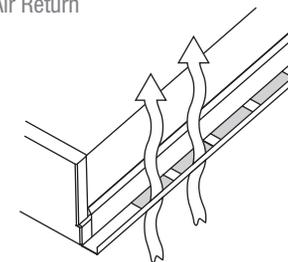
Ceiling Types

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.