

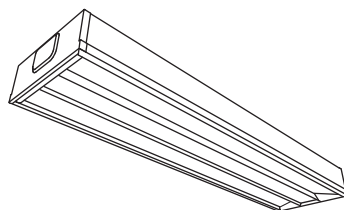
Shine™



Recessed

1'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.

3314				H254		-		-		-		-			
Product Series & Size		Version		Configuration		Lamping		Housing		Wiring		Voltage		Ballast	
Shine 1'x4'		D1 Standard T-Grid		ST Standalone CR Continuous Row		2 T5HO (54W)		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	

Upgrades & Accessories

Please indicate with check mark.

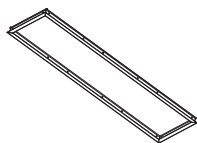
☐ Lamps Included

☐ Lamps Included & Installed

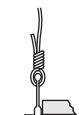
☐ Job Pack

☐ Flex Whip

☐ Drywall Kit



Can be mounted to wood frame or with hanger wire

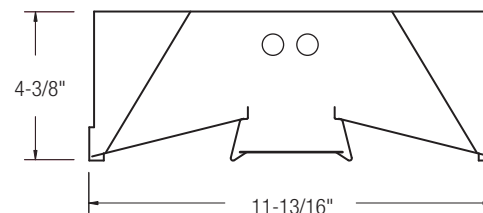


Wood Frame

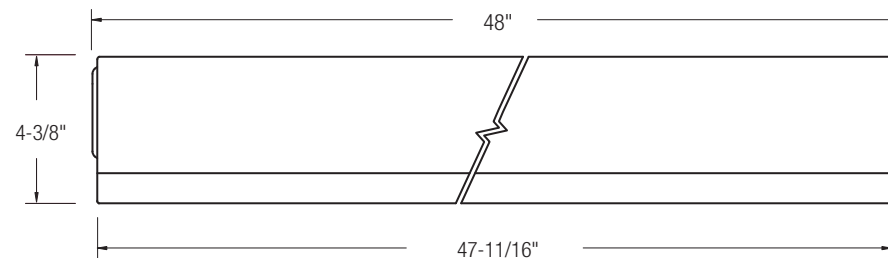
Hanger Wire

☐ Response Daylight
For details visit www.ledalite.com/response

Cross Section



Side View

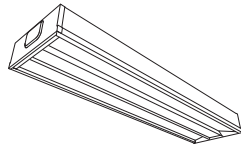


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Photometry

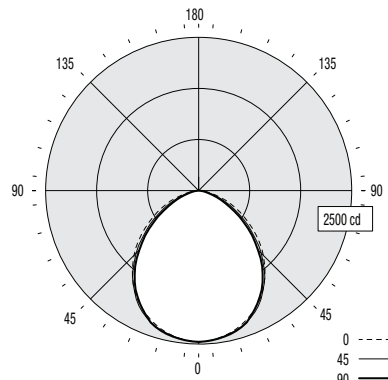
Report Summary

Report # 9901716
Filename 3314D1H254.ies
Efficiency 64.3%

Spacing Criteria 1.21 @ 0° along
1.2 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2467	2467	2467	2467	2467	
5	2448	2453	2450	2455	2452	237
15	2342	2358	2360	2374	2369	667
25	2145	2179	2181	2185	2151	1000
35	1864	1910	1864	1853	1821	1167
45	1493	1524	1446	1422	1370	1122
55	1070	1075	982	954	895	893
65	664	651	563	540	472	577
75	293	308	224	203	175	263
85	54	54	37	40	31	57
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	0
0 RCR	76	76	76	76	74	74	74	71	71	71	71	64	
1	70	68	65	63	69	66	64	63	62	60	55		
2	64	60	56	52	63	58	55	56	53	50	47		
3	59	53	48	44	57	52	47	50	46	43	40		
4	54	47	42	38	53	46	41	45	40	37	35		
5	50	42	37	33	49	41	36	40	36	32	30		
6	46	38	33	29	45	38	32	36	32	28	27		
7	43	35	29	25	42	34	29	33	29	25	24		
8	40	32	26	23	39	31	26	30	26	23	21		
9	37	29	24	21	37	29	24	28	23	20	19		
10	35	27	22	19	34	27	22	26	22	18	17		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

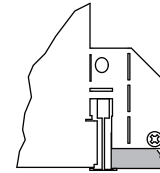
Vertical Angle	Horizontal Angle		
	0	45	90
55	5566	5108	4656
65	4688	3975	3332
75	3378	2582	2017
85	1849	1267	1061

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

Additional Information

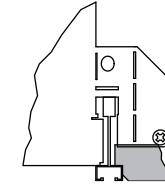
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

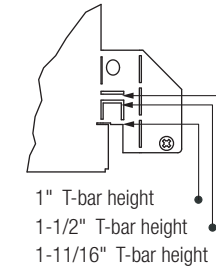


Slot T-Grid

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

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 30 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.