

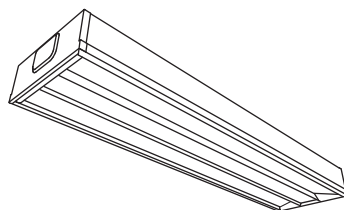
# Shine™



Recessed

1'x4'

2 T5



Project Name

Spec Type

Notes

## Order Guide

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

3314				F228	-		-		-		-	
Product Series & Size	Version	Configuration		Lamping	Housing		Wiring		Voltage		Ballast	
Shine 1'x4'	D1 Standard T-Grid	ST Standalone	CR Continuous Row	2 T5 (28W)	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	E Standard Ballast

## Upgrades & Accessories

Please indicate with check mark.

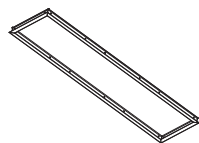
☐ Lamps Included

☐ Lamps Included & Installed

☐ Job Pack

☐ Flex Whip

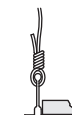
☐ Drywall Kit



Can be mounted to wood frame or with hanger wire



Wood Frame

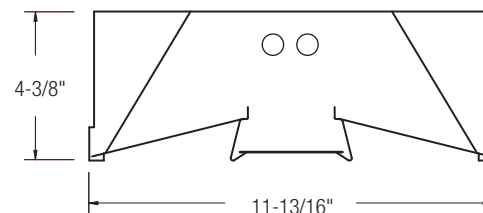


Hanger Wire

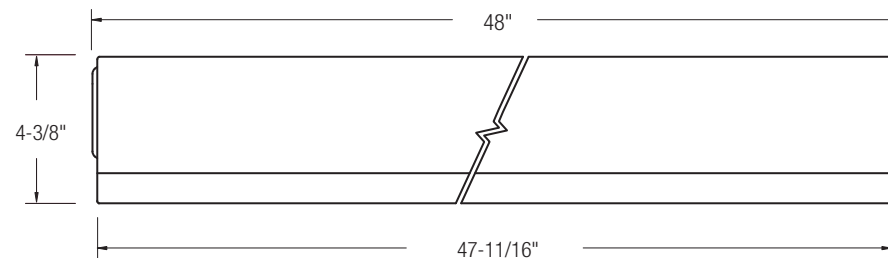
☐ Response Daylight

For details visit [www.ledalite.com/response](http://www.ledalite.com/response)

## Cross Section



## Side View

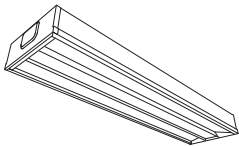


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Photometry

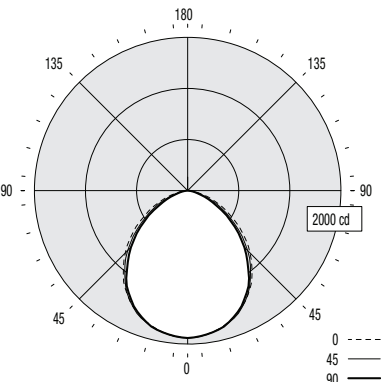
Report Summary

Report # 9901752  
Filename 3314D1F228.ies  
Efficiency 78.9%

Spacing Criteria 1.21 @ 0° along  
1.19 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1924	1924	1924	1924	1924	
5	1909	1911	1910	1911	1907	185
15	1825	1836	1834	1843	1836	517
25	1677	1684	1680	1681	1664	772
35	1457	1473	1425	1430	1397	896
45	1151	1174	1108	1095	1047	859
55	822	832	741	723	678	681
65	494	505	428	402	354	435
75	219	225	162	150	129	194
85	38	39	24	29	19	40
90	0	0	0	0	0	



Coefficients of Utilization (%)

Ceiling: Wall:	80				70				50				0
	70	50	30	10	70	50	30	50	30	10	0	0	0
0 RCR	94	94	94	94	92	92	92	87	87	87	79		
1	87	83	80	78	85	81	79	78	76	74	68		
2	79	73	69	64	77	72	68	69	65	62	58		
3	73	65	59	54	71	64	58	62	57	53	50		
4	67	58	52	47	65	57	51	55	50	46	43		
5	62	52	45	41	60	51	45	50	44	40	37		
6	57	47	40	36	56	46	40	45	39	35	33		
7	53	43	36	32	52	42	36	41	35	31	29		
8	49	39	33	28	48	39	33	38	32	28	26		
9	46	36	30	26	45	36	30	35	29	25	24		
10	43	33	27	23	42	33	27	32	27	23	22		

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

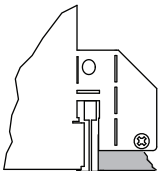
Vertical Angle	Horizontal Angle		
	0	45	90
55	4276	3854	3527
65	3488	3022	2499
75	2525	1867	1487
85	1301	822	650

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

Additional Information

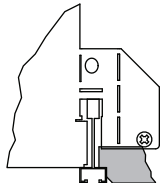
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

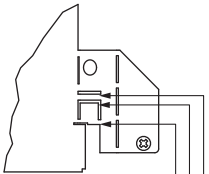


Slot T-Grid

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

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.