

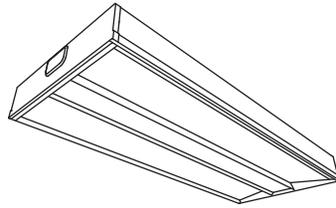
Shine™



Recessed

20"x4'

3 T5



Project Name

Spec Type

Notes

Order Guide

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

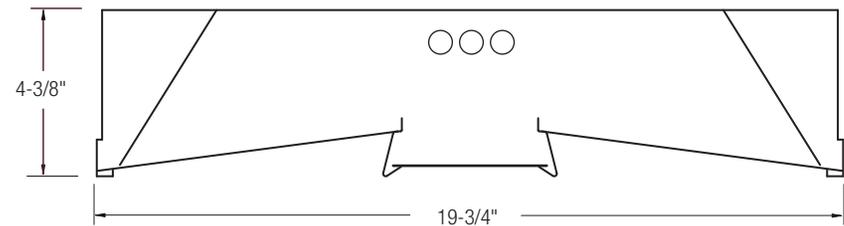
3354			F328					
Product Series & Size Shine 20"x4'	Version NN Standard T-Grid*	Configuration ST Standalone	Lamping 3 T5 (28W)	Housing S Standard (22ga.)	Wiring 1 1 cct 2 2 cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	Voltage 1 120V 2 277V 3 347V	Ballast E Standard Ballast	
	*Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed (see below). For 20"x4' fixtures with air return, select perforated filler panel (see below).				Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information	

Upgrades & Accessories

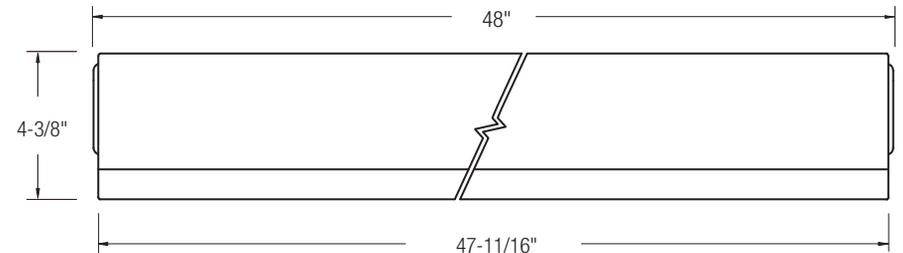
Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included & Installed
<input type="checkbox"/> Job Pack	<input type="checkbox"/> Flex Whip
<input type="checkbox"/> Response Daylight For details visit www.ledalite.com/response	<input type="checkbox"/> Solid Filler Panel (set of 2)
	<input type="checkbox"/> Perforated Filler Panel /Air Return (set of 2)

Cross Section

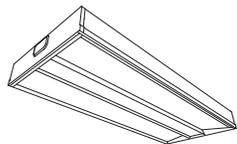


Side View



Shine™

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Photometry

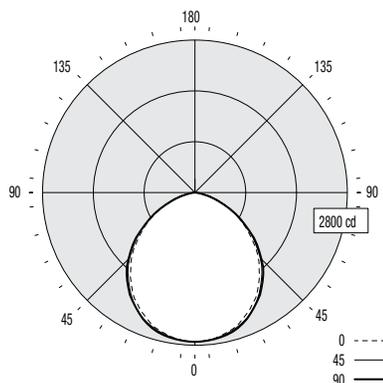
Report Summary

Report # 9901763
Filename 3354D1F328.ies
Efficiency 79.9%

Spacing Criteria 1.2 @ 0° along
1.24 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2742	2742	2742	2742	2742	263
5	2721	2725	2724	2728	2728	743
15	2605	2617	2625	2648	2651	1119
25	2377	2419	2436	2459	2436	1323
35	2040	2117	2101	2165	2133	1316
45	1637	1705	1697	1763	1726	1088
55	1158	1217	1206	1271	1215	717
65	691	734	705	743	707	325
75	320	337	287	298	268	57
85	40	51	33	39	29	0
90	0	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	88	88	88	88	80	80	80	80	80
1	87	84	81	78	85	82	79	79	76	74	68	68	68	68	68	68
2	80	74	69	65	78	72	68	70	66	62	58	58	58	58	58	58
3	73	65	59	54	71	64	58	62	57	53	49	49	49	49	49	49
4	67	58	51	46	65	57	51	55	50	45	42	42	42	42	42	42
5	62	52	45	40	60	51	45	49	44	39	37	37	37	37	37	37
6	57	47	40	35	56	46	40	45	39	35	32	32	32	32	32	32
7	53	43	36	31	52	42	35	41	35	31	29	29	29	29	29	29
8	49	39	32	28	48	38	32	37	32	27	26	26	26	26	26	26
9	46	36	29	25	45	35	29	34	29	25	23	23	23	23	23	23
10	43	33	27	23	42	32	27	32	26	22	21	21	21	21	21	21

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

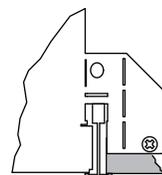
Vertical Angle	Horizontal Angle		
	0	45	90
55	3530	3676	3703
65	2859	2917	2925
75	2162	1939	1810
85	802	662	582

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

Additional Information

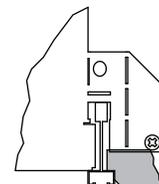
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

Works with 9/16" and 15/16" flat T-grid ceilings.



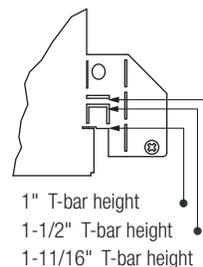
Slot T-Grid

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

Note: Optional filler panels for 20"x4" fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed. For 20"x4" fixtures with air return, select perforated filler panel (see below).

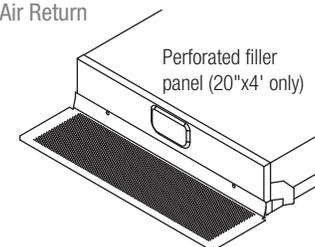
Ceiling Types

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 a perforated filler panel at the end 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. 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. Available with optional field installed filler panels (solid or perforated).

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 common T-bar ceiling types. Integrated tabs are provided for different T-grid heights.

Works with 9/16" and 15/16" standard T-grid ceiling systems. Can also be used with slot T-grid ceiling systems but fixture will be slightly regressed above the T-bar.

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. Armored cable flex connectors are supplied in 9' lengths for standard master/satellite configurations.

Air Return

Available for 20"x4" only via perforated filler panel (see above).

Approvals

Certified to UL & CSA Standards.

Finish

Housing and Frame: Post-painted, high quality powder coat. Available in white.