

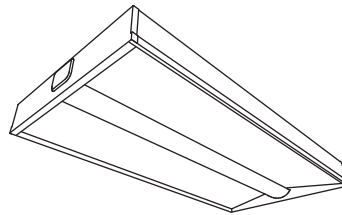
PureFX®



Recessed

2'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.

9424			F328	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
PureFX 2'x4'	D1 Standard T-Grid D2 Slot T-Grid A1 Air Return on Standard T-Grid A2 Air Return on Slot T-Grid	ST Standalone CR Continuous Row CMS Continuous Row Master/Satellite	3 T5 (28W)	S Standard (22ga.) C Chicago Plenum T Standard w/ Frame Restraint	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				
	See details on next page				Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information				

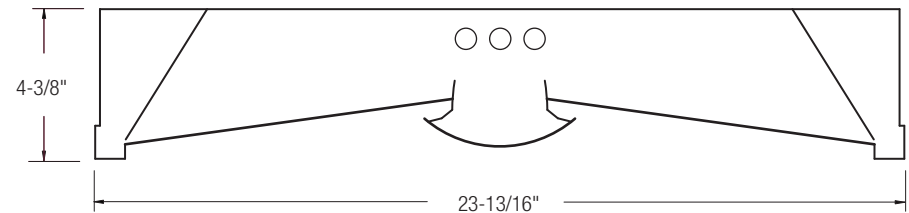
Upgrades & Accessories

Please indicate with check mark.

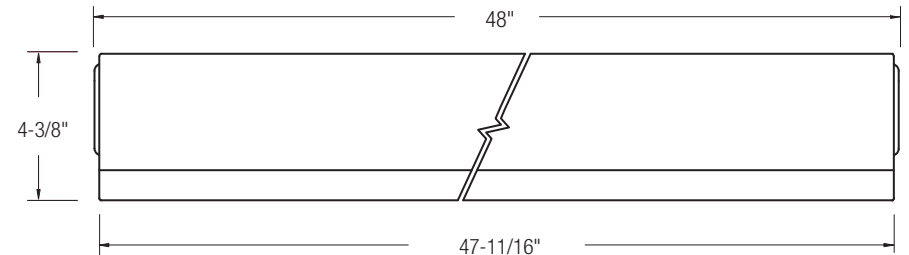
<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included & Installed
<input type="checkbox"/> Job Pack	<input type="checkbox"/> Flex Whip
<input type="checkbox"/> Drywall Kit	Can be mounted to wood frame or with hanger wire
<input type="checkbox"/> Response Daylight	

For details visit www.ledalite.com/response

Cross Section

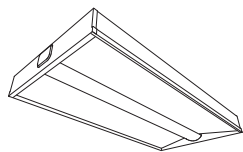


Side View



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Photometry

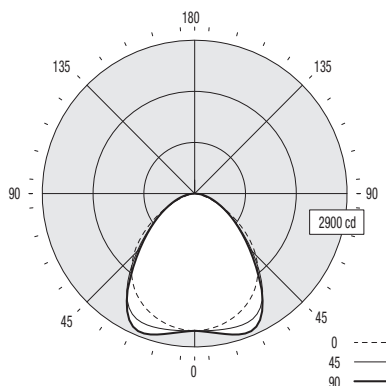
Report Summary

Report # 9900129
Filename 9424D1F328.ies
Efficiency 74.7%

Spacing Criteria 1.26 @ 0° along
1.36 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2595	2595	2595	2595	2595	253
5	2582	2589	2604	2617	2626	746
15	2492	2540	2637	2722	2761	1186
25	2323	2426	2617	2749	2777	1369
35	2055	2174	2254	2259	2225	1208
45	1644	1645	1549	1514	1470	882
55	1077	1026	946	950	931	541
65	540	538	524	550	544	257
75	177	213	242	277	275	61
85	18	38	52	70	63	
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	89	89	89	89	87	87	87	83	83	83	83	74					
1	82	79	76	74	80	77	75	74	72	70	64						
2	75	70	65	62	74	69	64	66	62	59	55						
3	69	62	57	52	68	61	56	59	54	51	48						
4	64	56	50	45	62	55	49	53	48	44	41						
5	59	50	44	39	57	49	43	48	43	39	36						
6	55	45	39	35	53	45	39	43	38	34	32						
7	51	41	35	31	50	41	35	40	34	30	29						
8	47	38	32	28	46	37	31	36	31	27	26						
9	44	35	29	25	43	34	29	33	28	25	23						
10	42	32	26	23	41	32	26	31	26	22	21						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

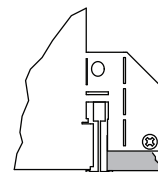
Vertical Angle	Horizontal Angle		
	0	45	90
55	2698	2370	2333
65	1836	1782	1850
75	983	1344	1527
85	297	857	1039

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

Additional Information

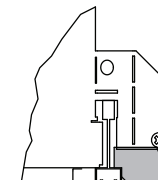
Mounting

Integrates with most common T-bar ceiling types.



D1 Standard T-Grid

Option D1 works with 9/16" and 15/16" flat T-grid ceilings. It can also be used with slot T-grid ceilings, but it will not sit flush with the bottom of the T-bar.

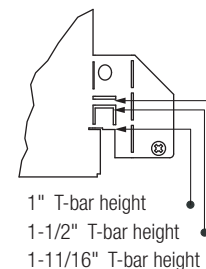


D2 Slot T-Grid

Option D2 is designed to sit flush with slot T-grid ceilings and some tegular tile ceiling types.

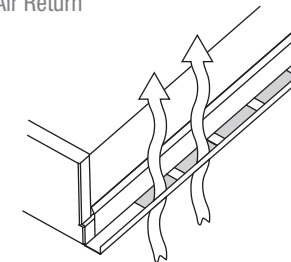
Ceiling Types

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. Optional frame restraint is available to provide additional support to the optical frame.

Weight

Maximum 40 lbs.

Optical System

Optical assembly consists of flat acrylic panels and extruded curved acrylic lens. A protected MesoOptics® film layer creates optimal light distribution and high efficiency. The optical frame ends are constructed from die-formed cold-rolled steel assembled together with extruded aluminum profiles in a sturdy frame. The frame is hinged to allow easy access to the inside of the fixture. Maintenance can be performed from below the ceiling without tools. No hardware is visible.

Mounting

Fixture is compatible with most ceiling types. Integrated bend-out tabs are provided for different T-grid heights. Optional drywall kit is available for non-accessible ceilings. Use screws or hanger wire (supplied by others) to secure fixture.

Ballast

Electronic. Supplied with pre-installed ballast disconnects as per national electric codes.

Wiring

Optional flex whips are supplied in 6' lengths for 1x4, 2x2 and 2x4 fixtures. Flex connectors are supplied in 9' lengths for standard master/satellite configurations.

Air Return

Air return option available in 2'x2' and 2'x4' sizes only. 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 only.