

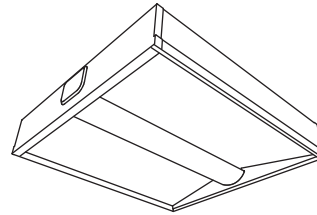
PureFX®



Recessed

2'x2'

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.

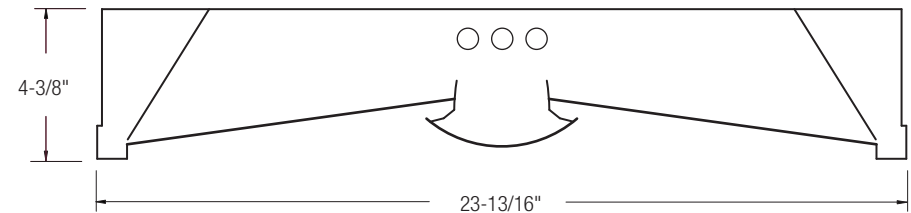
9422			F314	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
PureFX 2'x2'	D1 Standard T-Grid D2 Slot T-Grid A1 Air Return on Standard T-Grid A2 Air Return on Slot T-Grid	ST Standalone CR Continuous Row CMS Continuous Row Master/Satellite	3 T5 (14W)	S 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

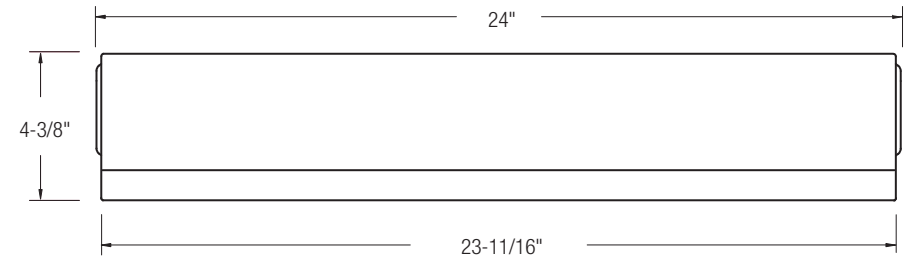
Please indicate with check mark.

<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	<p>Can be mounted to wood frame or with hanger wire</p> <p>Wood Frame Hanger Wire</p>
<input type="checkbox"/> Response Daylight	<p>Not available in continuous row</p> <p>For details visit www.ledalite.com/response</p>

Cross Section

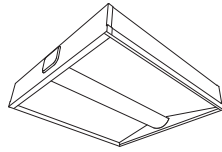


Side View



PureFX®

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Photometry

Report Summary

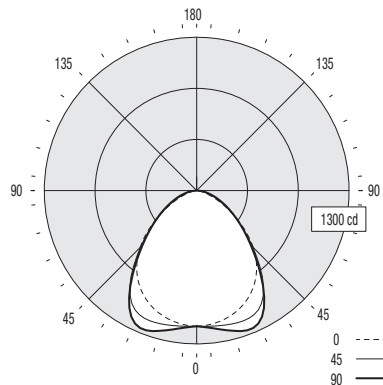
Report # 9900137
Filename 9422D1F314.ies
Efficiency 69.7%

Spacing Criteria 1.24 @ 0° along
1.36 @ 90° across

Meets RP-1-04 recommendations for VDT-Normal spaces

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1151	1151	1151	1151	1151	
5	1143	1149	1155	1162	1167	113
15	1102	1125	1171	1214	1232	332
25	1019	1067	1160	1230	1244	526
35	884	941	993	1008	987	601
45	682	692	677	668	653	521
55	421	418	409	421	414	375
65	199	213	224	243	242	226
75	63	80	102	120	120	107
85	7	12	21	28	26	24
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	70	50	30	10
0 RCR	83	83	83	83	81	81	81	77	77	77	77	69				
1	77	74	71	69	75	72	70	69	67	66	66	60				
2	70	65	61	58	69	64	60	62	58	56	56	52				
3	65	58	53	49	63	57	52	55	51	48	48	45				
4	60	52	47	42	58	51	46	50	45	41	39					
5	55	47	41	37	54	46	41	45	40	36	34					
6	51	43	37	33	50	42	36	41	36	32	30					
7	48	39	33	29	46	38	33	37	32	29	27					
8	44	35	30	26	43	35	30	34	29	26	24					
9	42	33	27	24	41	32	27	31	27	23	22					
10	39	30	25	21	38	30	25	29	24	21	20					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

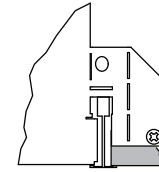
Vertical Angle	Horizontal Angle		
	0	45	90
55	2154	2092	2118
65	1382	1555	1680
75	714	1156	1360
85	236	707	875

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

Additional Information

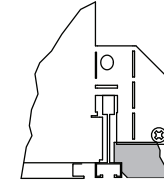
Mounting

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.

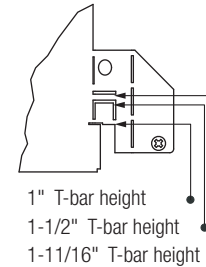


D2 Slot T-Grid

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

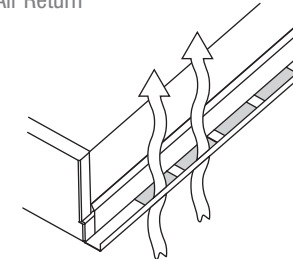
Ceiling Types

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 23 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.