

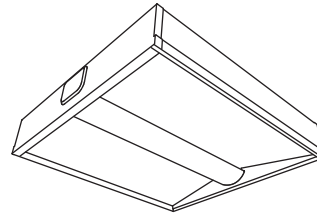
PureFX[®]



Recessed

2'x2'

2 TT5 (40W)



Project Name

Spec Type

Notes

Order Guide

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

9422			B240	-		-		-		-	
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	2 TT5 (40W)	S Standard (22ga.) C Chicago Plenum T Standard w/ Frame Restraint	1 1 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.

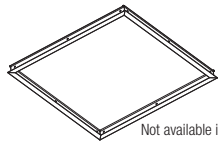
Lamps Included

Lamps Included & Installed

Job Pack

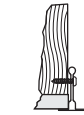
Flex Whip

Drywall Kit



Not available in continuous row

Can be mounted to wood frame or with hanger wire



Wood Frame

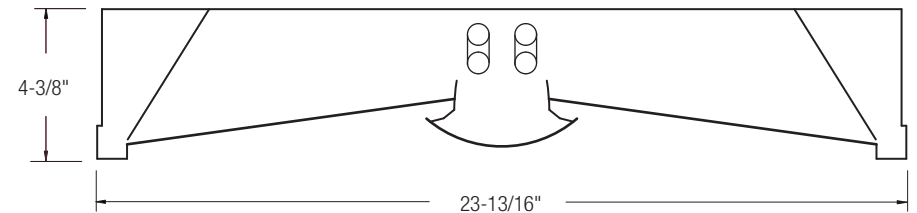


Hanger Wire

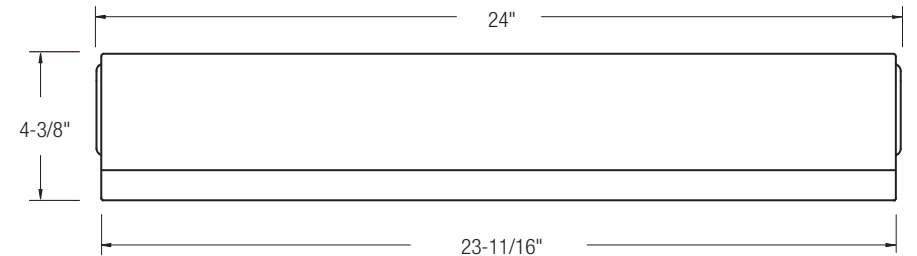
Response Daylight

For details visit www.ledalite.com/response

Cross Section

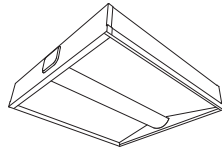


Side View



PureFX®

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Photometry

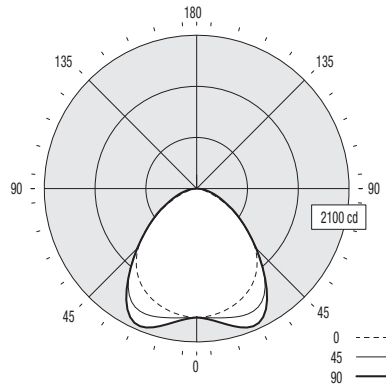
Report Summary

Report # 2101750
Filename 9422D1B240.ies
Efficiency 73.3%

Spacing Criteria 1.3 @ 0° along
1.4 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1766	1766	1766	1766	1766	173
5	1756	1763	1776	1794	1796	520
15	1700	1736	1828	1919	1950	838
25	1598	1672	1852	1972	2029	982
35	1424	1493	1645	1636	1682	872
45	1134	1098	1157	1120	1160	635
55	734	673	718	705	734	382
65	359	346	399	397	412	178
75	117	128	183	188	203	41
85	17	18	43	35	55	
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	87	87	87	87	85	85	85	81	81	81	81	73	87	87	87	87
1	80	77	75	72	79	76	73	73	71	69	63	54	80	77	75	72
2	74	69	64	60	72	67	63	65	61	58	54	47	74	69	64	60
3	68	61	56	51	66	60	55	58	53	50	47	41	68	61	56	51
4	63	54	49	44	61	54	48	52	47	43	41	36	63	54	49	44
5	58	49	43	38	56	48	42	47	42	38	36	31	58	49	43	38
6	54	44	38	34	52	44	38	42	37	33	31	27	54	44	38	34
7	50	40	34	30	48	40	34	39	33	30	28	25	50	40	34	30
8	46	37	31	27	45	36	31	35	30	27	25	23	46	37	31	27
9	43	34	28	24	42	33	28	33	28	24	23	21	43	34	28	24
10	41	31	26	22	40	31	26	30	25	22	20	19	41	31	26	22

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

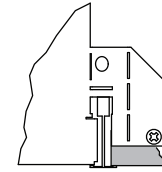
Vertical Angle	Horizontal Angle		
	0	45	90
55	3735	3654	3735
65	2479	2756	2846
75	1319	2064	2289
85	569	1440	1842

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

Additional Information

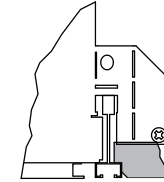
Mounting

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.

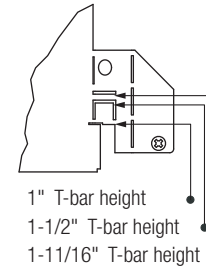


D2 Slot T-Grid

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

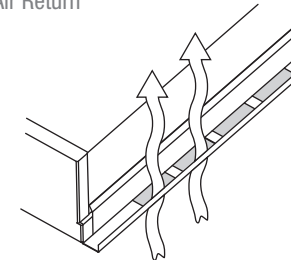
Ceiling Types

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.