

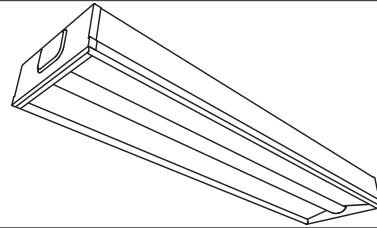
PureFX[®]



Recessed

1'x4'

2 T8



Project Name

Spec Type

Notes

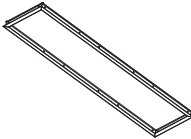
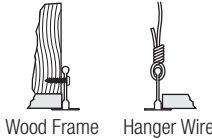
Order Guide

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

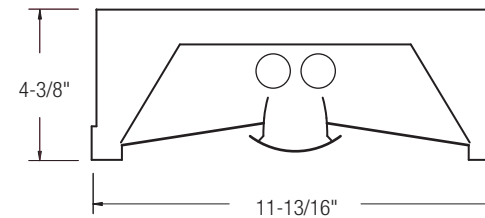
9414	<input type="text"/>	<input type="text"/>	T232	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
PureFX 1'x4'	D1 Standard T-Grid	ST Standalone CR Continuous Row SMS Standalone Master/Satellite CMS Continuous Row Master/Satellite	2 T8 (32W)	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

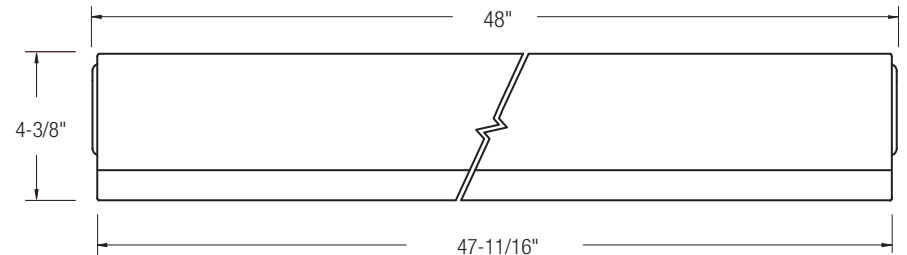
Please indicate with check mark.

<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

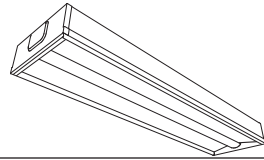


PureFX®

Recessed

1'x4'

2 TB



Photometry

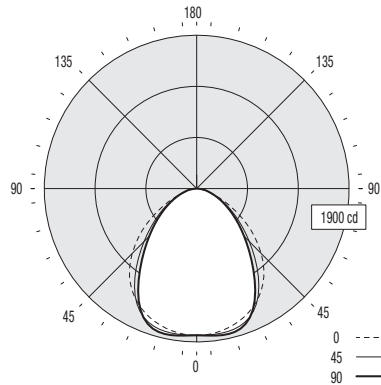
Report Summary

Report # 2101767
Filename 9414D1T232.ies
Efficiency 68.6%

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

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1819	1819	1819	1819	1819	176
5	1812	1812	1820	1828	1829	505
15	1752	1765	1804	1821	1839	755
25	1636	1645	1676	1626	1658	825
35	1439	1397	1343	1216	1233	725
45	1137	1025	928	819	837	540
55	758	652	590	521	540	334
65	391	350	333	300	317	155
75	131	130	154	141	156	34
85	13	19	37	26	35	
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	81	81	81	81	79	79	79	76	76	76	76	68				
1	75	73	70	68	74	71	69	68	66	65	65	59				
2	69	64	60	57	68	63	59	61	58	55	51					
3	64	57	52	48	62	56	52	54	50	47	44					
4	59	51	46	42	57	51	46	49	45	41	39					
5	55	46	41	37	53	46	40	44	40	36	34					
6	51	42	36	32	49	41	36	40	36	32	30					
7	47	38	33	29	46	38	33	37	32	29	27					
8	44	35	30	26	43	35	30	34	29	26	24					
9	41	32	27	24	40	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)

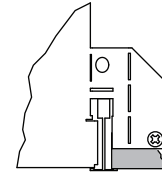
Vertical Angle	Horizontal Angle		
	0	45	90
55	3943	3069	2809
65	2760	2351	2238
75	1510	1775	1798
85	445	1267	1198

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.

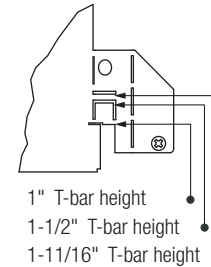


D1 Standard T-Grid

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.

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

Weight

Maximum 30 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.