

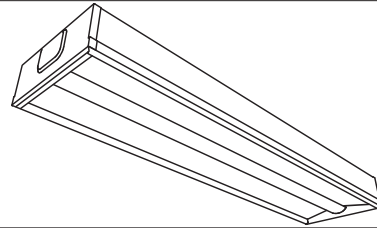
PureFX®



Recessed

1'x4'

1 T5



Project Name

Spec Type

Notes

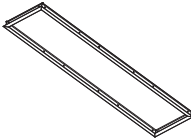
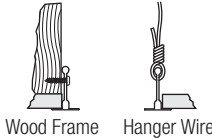
Order Guide

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

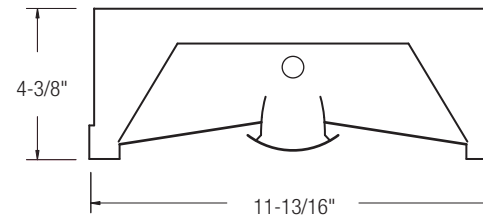
9414			F128	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
PureFX 1'x4'	D1 Standard T-Grid	ST Standalone CR Continuous Row SMS Standalone Master/Satellite CMS Continuous Row Master/Satellite	1 T5 (28W)	S Standard (22ga.) C Chicago Plenum T Standard 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

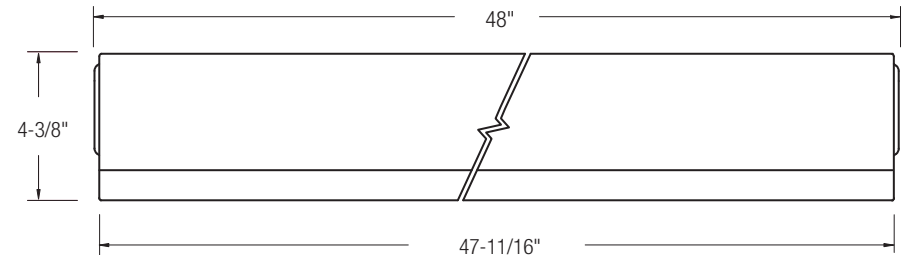
Please indicate with check mark.

<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

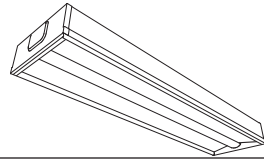


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Photometry

Report Summary

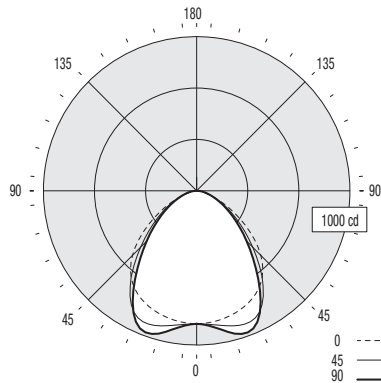
Report # 2101749
Filename 9414D1F128.ies
Efficiency 74.3%

Spacing Criteria 1.3 @ 0° along
 1.3 @ 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	863	863	863	863	863	
5	859	862	870	879	877	84
15	839	860	907	945	959	256
25	801	844	909	927	938	406
35	729	757	756	701	701	455
45	592	561	518	466	460	399
55	386	350	316	292	285	291
65	191	181	172	165	160	173
75	61	65	77	73	76	77
85	6	10	20	20	21	17
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	88	88	88	88	86	86	86	82	82	82	82	74				
1	82	79	76	74	80	77	75	74	72	70	64					
2	75	70	65	62	73	69	64	66	63	60	55					
3	69	62	57	53	68	61	56	59	55	51	48					
4	64	56	50	45	62	55	49	53	48	44	42					
5	59	50	44	40	58	49	44	48	43	39	37					
6	55	46	39	35	53	45	39	44	38	34	32					
7	51	41	35	31	50	41	35	40	35	31	29					
8	47	38	32	28	46	37	32	37	31	28	26					
9	44	35	29	25	43	35	29	34	29	25	23					
10	42	32	27	23	41	32	26	31	26	23	21					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

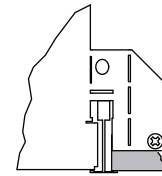
Vertical Angle	Horizontal Angle		
	0	45	90
55	2008	1644	1482
65	1348	1214	1130
75	703	888	876
85	205	685	719

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.

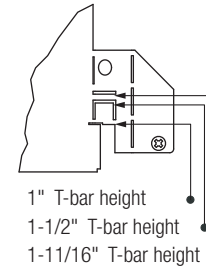


D1 Standard T-Grid

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.