

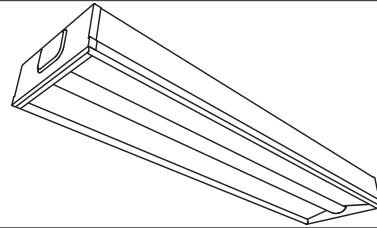
PureFX[®]



Recessed

1'x4'

2 T5HO



Project Name

Spec Type

Notes

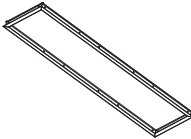
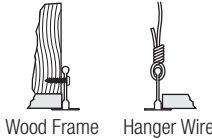

Order Guide

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

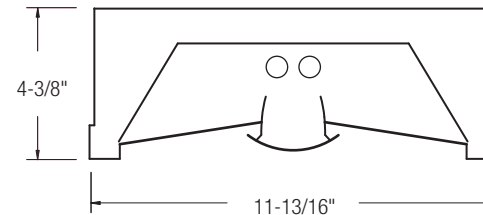
9414			H254	-		-		-		-		
Product Series & Size PureFX 1'x4'	Version D1 Standard T-Grid	Configuration ST Standalone CR Continuous Row	Lamping 2 T5HO (54W)	Housing S Standard (22ga.) C Chicago Plenum T Standard w/ Frame Restraint	Wiring 1 1 cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	Voltage 1 120V 2 277V 3 347V	Ballast E Standard Ballast	Consult website for complete list of standard wiring options				Consult website for ballast manufacturer information
See details on next page												

Upgrades & Accessories

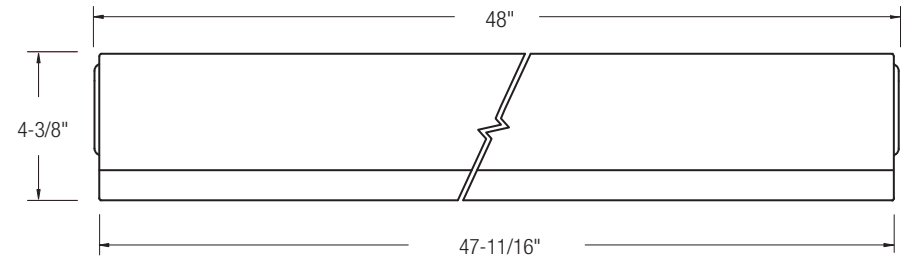
Please indicate with check mark.

<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
	 Wood Frame
	 Hanger Wire
<input type="checkbox"/> Response Daylight	
For details visit www.ledalite.com/response	

Cross Section

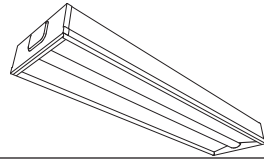


Side View



PureFX®

Recessed
1'x4'
2 T5HO



Photometry

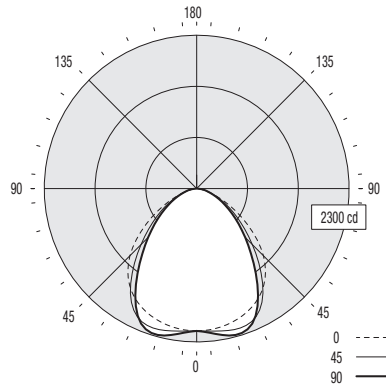
Report Summary

Report # 2101746
Filename 9414D1H254.ies
Efficiency 53.9%

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	2136	2136	2136	2136	2136	209
5	2128	2133	2147	2166	2170	616
15	2075	2109	2191	2251	2274	948
25	1965	2027	2120	2093	2105	1047
35	1767	1770	1735	1565	1557	913
45	1425	1286	1187	1035	1036	663
55	931	784	739	641	648	399
65	471	412	404	359	368	179
75	157	149	175	164	174	41
85	15	18	46	33	40	
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	64	64	64	64	62	62	62	59	59	59	59	53					
1	59	57	55	53	58	56	54	53	52	51	47						
2	54	51	47	45	53	50	47	48	45	43	40						
3	50	45	41	38	49	44	41	43	40	37	35						
4	46	40	36	33	45	40	36	38	35	32	30						
5	43	36	32	29	42	36	32	35	31	28	27						
6	40	33	29	25	39	33	28	32	28	25	24						
7	37	30	26	23	36	30	26	29	25	22	21						
8	34	28	23	20	34	27	23	27	23	20	19						
9	32	25	21	18	31	25	21	24	21	18	17						
10	30	23	19	17	30	23	19	23	19	17	16						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

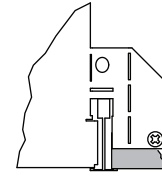
Vertical Angle	Horizontal Angle		
	0	45	90
55	4843	3844	3371
65	3325	2852	2598
75	1810	2017	2006
85	513	1575	1369

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.

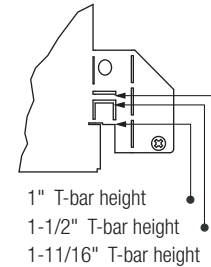


D1 Standard T-Grid

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.