

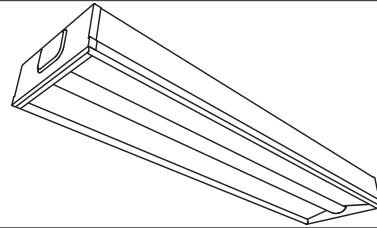
# PureFX<sup>®</sup>



Recessed

1'x4'

1 T5HO



Project Name

Spec Type

Notes

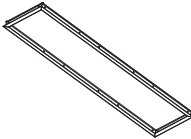
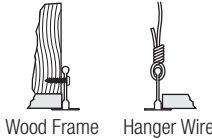
## Order Guide

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

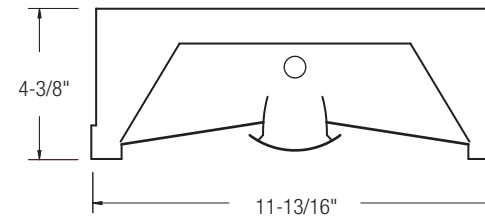
<b>9414</b>			<b>H154</b>	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
PureFX 1'x4'	<b>D1</b> Standard T-Grid	<b>ST</b> Standalone <b>CR</b> Continuous Row <b>SMS</b> Standalone Master/Satellite <b>CMS</b> Continuous Row Master/Satellite	1 T5HO (54W)	<b>S</b> Standard (22ga.) <b>C</b> Chicago Plenum <b>T</b> Standard w/ Frame Restraint	<b>1</b> 1 cct <b>5</b> 1 cct w/ Battery Pack <b>7</b> 1 cct Dimming	<b>1</b> 120V <b>2</b> 277V <b>3</b> 347V	<b>E</b> Standard Ballast				
See details on next page						Consult website for complete list of standard wiring options	Consult website for ballast manufacturer information				

## Upgrades & Accessories

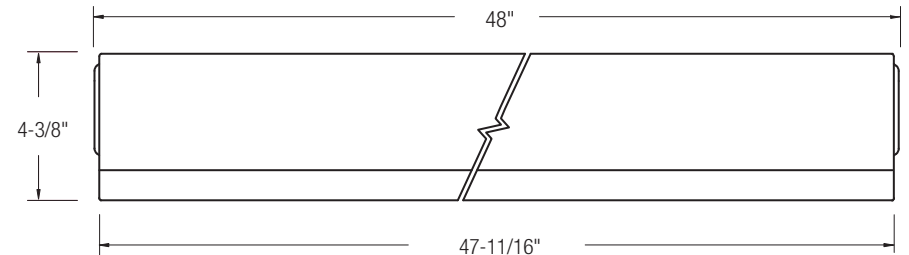
Please indicate with check mark.

<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 <a href="http://www.ledalite.com/response">www.ledalite.com/response</a>	

### Cross Section



### Side View

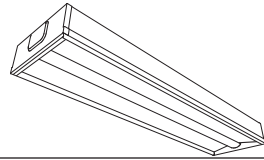


# PureFX®

Recessed

1'x4'

1 T5HO



## Photometry

### Report Summary

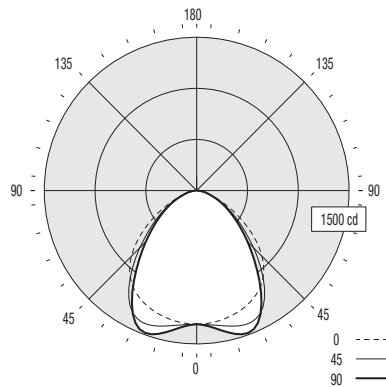
**Report #** 2101747  
**Filename** 9414D1H154.ies  
**Efficiency** 70.3%

**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	1308	1308	1308	1308	1308	130
5	1303	1308	1318	1332	1332	388
15	1274	1305	1373	1435	1452	617
25	1217	1281	1383	1402	1427	695
35	1113	1148	1165	1063	1076	607
45	910	849	794	700	708	438
55	598	521	481	430	440	258
65	298	266	263	235	249	114
75	98	97	116	104	111	24
85	8	15	26	20	25	
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	83	83	83	83	81	81	81	78	78	78	78	70					
1	77	74	72	70	75	73	71	70	68	66	61						
2	71	66	62	58	69	65	61	62	59	56	52						
3	66	59	54	50	64	58	53	56	52	48	45						
4	60	53	47	43	59	52	47	50	46	42	40						
5	56	48	42	37	54	47	41	45	41	37	35						
6	52	43	37	33	50	42	37	41	36	33	31						
7	48	39	33	29	47	39	33	38	33	29	27						
8	45	36	30	26	44	35	30	35	30	26	25						
9	42	33	28	24	41	33	27	32	27	24	22						
10	39	31	25	22	38	30	25	29	25	22	20						

Based on a floor reflectance of 0.2

### Avg. Luminance (cd/m²)

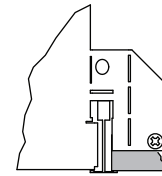
Vertical Angle	Horizontal Angle		
	0	45	90
55	3111	2502	2289
65	2104	1857	1758
75	1130	1337	1280
85	274	890	856

IES files for this and other photometric options can be downloaded online at [www.ledalite.com](http://www.ledalite.com)

## Additional Information

### Mounting

Integrates with most common T-bar ceiling types.

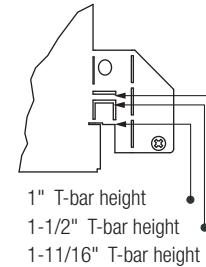


D1 Standard T-Grid

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.