

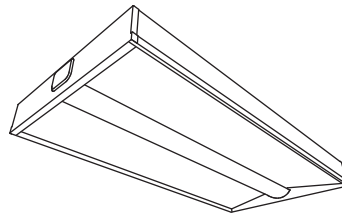
PureFX®



Recessed

2'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.

9424			H154	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
PureFX 2'x4'	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 SMS Standalone Master/Satellite CMS Continuous Row Master/Satellite	1 T5HO (54W)	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.

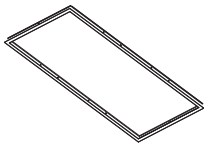
Lamps Included

Lamps Included & Installed

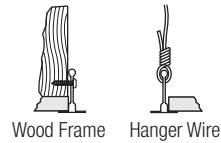
Job Pack

Flex Whip

Drywall Kit



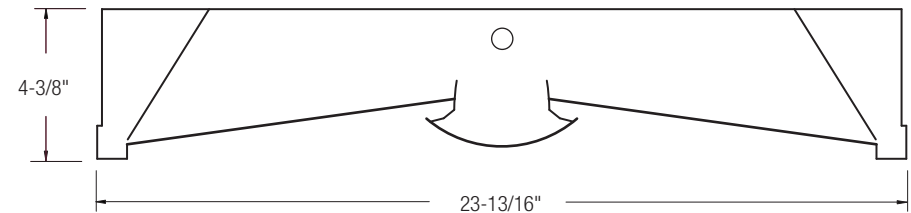
Can be mounted to wood frame or with hanger wire



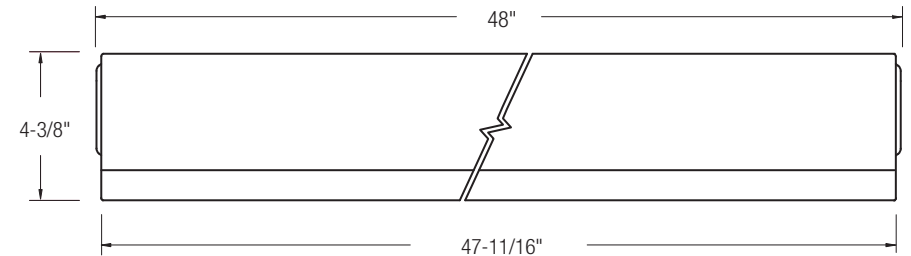
Response Daylight

For details visit www.ledalite.com/response

Cross Section



Side View

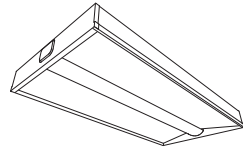


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Photometry

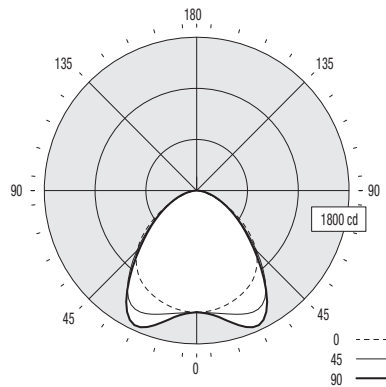
Report Summary

Report # 2101764
Filename 9424D1H154.ies
Efficiency 84.5%

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	1429	1429	1429	1429	1429	140
5	1424	1428	1440	1453	1450	426
15	1386	1419	1501	1585	1605	712
25	1316	1395	1574	1701	1743	844
35	1201	1292	1426	1414	1430	750
45	993	997	998	934	945	544
55	667	610	609	574	594	329
65	339	324	336	320	338	151
75	116	120	152	149	164	33
85	13	17	39	26	40	0
90	0	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	101	101	101	101	98	98	98	94	94	94	85	85	85	85	85	85
1	93	90	86	84	91	88	85	84	82	80	73	73	73	73	73	73
2	86	79	74	70	83	78	73	75	71	67	63	63	63	63	63	63
3	79	71	64	59	77	69	63	67	62	58	54	54	54	54	54	54
4	72	63	56	51	71	62	56	60	54	50	47	47	47	47	47	47
5	67	57	50	44	65	56	49	54	48	44	41	41	41	41	41	41
6	62	51	44	39	60	51	44	49	43	39	36	36	36	36	36	36
7	58	47	40	35	56	46	39	45	39	34	32	32	32	32	32	32
8	54	43	36	31	52	42	36	41	35	31	29	29	29	29	29	29
9	50	39	33	28	49	39	32	38	32	28	26	26	26	26	26	26
10	47	36	30	26	46	36	30	35	29	25	24	24	24	24	24	24

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

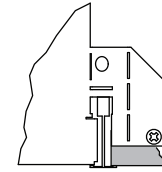
Vertical Angle	Horizontal Angle		
	0	45	90
55	1662	1518	1481
65	1147	1137	1143
75	641	840	906
85	213	640	656

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

Additional Information

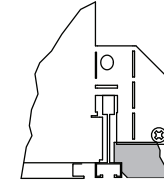
Mounting

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.

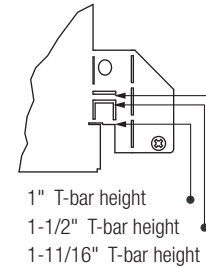


D2 Slot T-Grid

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

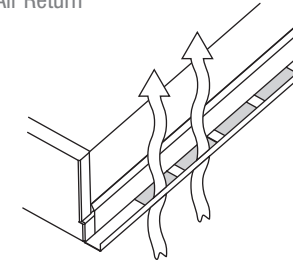
Ceiling Types

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 40 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.