

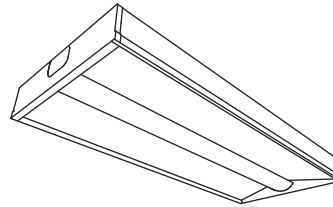
PureFX®



Recessed

20"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.

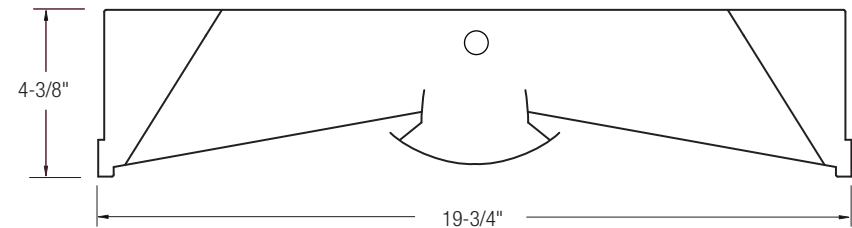
9454			H154	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
PureFX 20"x4'	NN Standard T-Grid*	ST Standalone	1 T5HO (54W)	S Standard (22ga.) T Standard w/ Frame Restraint	1 1 cct 5 1 cct w/ Battery Pack 7 1 cct Dimming	1 120V 2 277V 3 347V	E Standard Ballast				
<p>*Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed (see below).</p> <p>For 20"x4' fixtures with air return, select perforated filler panel (see below).</p>					Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information				

Upgrades & Accessories

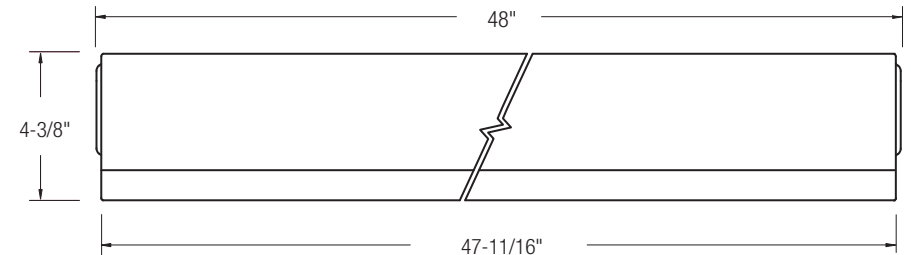
Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included & Installed
<input type="checkbox"/> Job Pack	<input type="checkbox"/> Flex Whip
<input type="checkbox"/> Response Daylight For details visit www.ledalite.com/response	<input type="checkbox"/> Solid Filler Panel (set of 2)
	<input type="checkbox"/> Perforated Filler Panel /Air Return (set of 2)

Cross Section

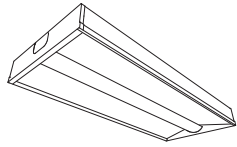


Side View



PureFX®

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Photometry

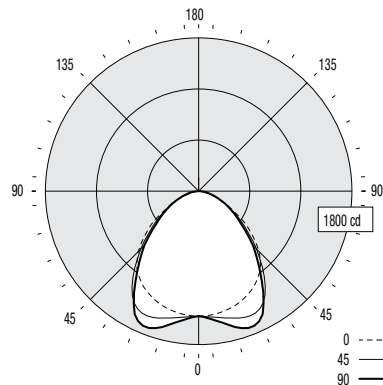
Report Summary

Report # 9901395
Filename 9454D1H154.ies
Efficiency 85.4%

Spacing Criteria 1.3 @ 0° along
1.37 @ 90° across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1469	1469	1469	1469	1469	144
5	1463	1469	1483	1494	1504	437
15	1425	1462	1543	1613	1653	712
25	1348	1436	1580	1675	1684	825
35	1221	1308	1364	1361	1294	744
45	1003	1020	962	946	903	553
55	677	648	604	603	560	345
65	350	356	336	346	334	168
75	117	151	155	169	158	44
85	16	31	37	48	37	
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	101	101	101	101	99	99	99	95	95	95	85						
1	94	90	87	84	91	88	85	84	82	80	73						
2	86	80	74	70	84	78	73	75	71	67	63						
3	79	71	64	59	77	69	63	67	62	58	54						
4	73	63	56	51	71	62	55	60	54	50	47						
5	67	57	50	44	65	56	49	54	48	43	41						
6	62	51	44	39	60	50	44	49	43	38	36						
7	58	47	39	34	56	46	39	45	39	34	32						
8	54	43	36	31	52	42	35	41	35	31	29						
9	50	39	32	28	49	39	32	38	32	28	26						
10	47	36	30	25	46	36	29	35	29	25	23						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

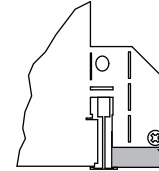
Vertical Angle	Horizontal Angle		
	0	45	90
55	2064	1841	1707
65	1448	1390	1382
75	790	1047	1067
85	321	742	742

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

Additional Information

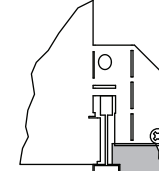
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

Works with 9/16" and 15/16" flat T-grid ceilings.



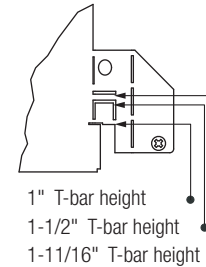
Slot T-Grid

Can also be used with slot T-grid ceilings, but it will not sit flush with the bottom of the T-bar.

Note: Optional filler panels for 20"x4" fixtures used in 20"x60" ceiling grid systems are ordered separately and field installed. For 20"x4" fixtures with air return, select perforated filler panel (see below).

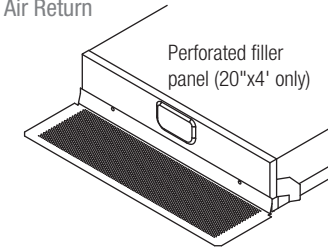
Ceiling Types

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



Perforated filler panel (20"x4" only)

The air return version features a perforated filler panel at the end 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. Wire entrances are positioned on the side of the housing to allow easy wiring access for the installer. Optional frame restraint is available to provide additional support to the optical frame. 20"x4" models are available with optional field installed filler panels (solid or perforated).

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. Use screws or hanger wire (supplied by others) to secure fixture.

Ballast

Electronic. Supplied with pre-installed ballast disconnect as per national electric codes.

Wiring

Optional flex whips are supplied in 6' lengths.

Air Return

Available for 20"x4" only via perforated filler panel (see above).

Approvals

Certified to UL & CSA Standards.

Finish

Housing and Frame: Post-painted, high quality powder coat. Available in white only.