

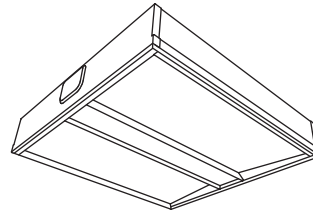
Vectra



Recessed

2'x2'

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.

9722			H224	-		-		-		
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast			
Vectra 2'x2'	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	2 T5HO (24W)	S Standard (22ga.) C Chicago Plenum T Standard w/ Frame Restraint	1 1 cct 5 1 cct w/ Battery Pack	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.

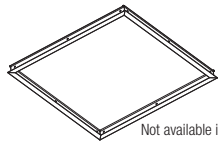
Lamps Included

Lamps Included & Installed

Job Pack

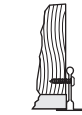
Flex Whip

Drywall Kit



Not available in continuous row

Can be mounted to wood frame or with hanger wire

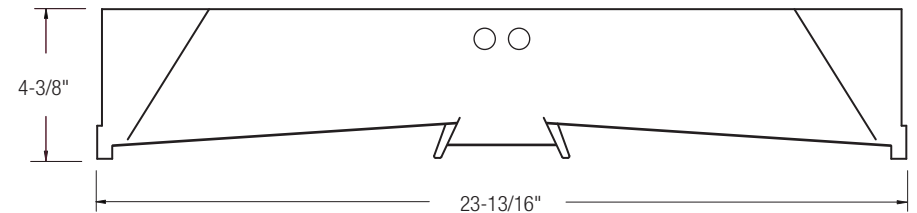


Wood Frame

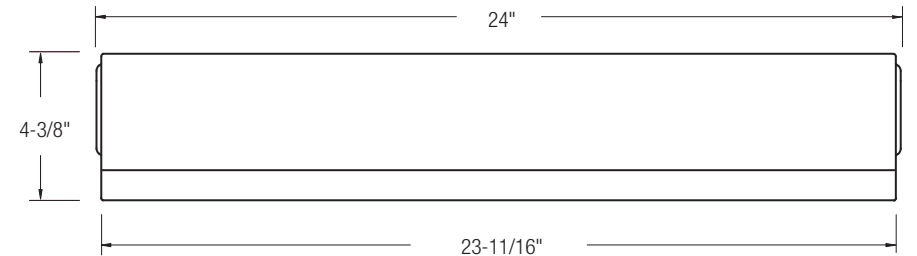


Hanger Wire

Cross Section

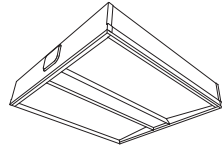


Side View



Vectra

Recessed
2'x2'
2 T5HO



Photometry

Report Summary

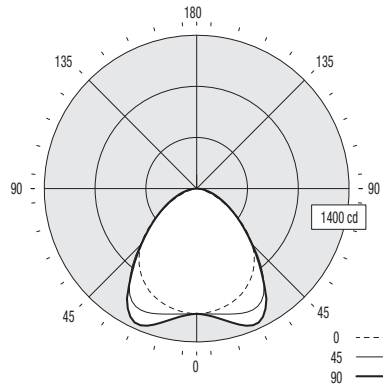
Report # 2101758
Filename 9722D1H224.ies
Efficiency 74.1%

Spacing Criteria 1.3 @ 0° along
1.4 @ 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	1143	1143	1143	1143	1143	
5	1137	1141	1149	1162	1162	112
15	1101	1125	1187	1254	1268	338
25	1031	1088	1222	1317	1349	552
35	907	970	1080	1073	1085	639
45	722	714	734	705	718	555
55	460	426	444	439	450	396
65	229	216	242	248	261	237
75	76	79	110	117	129	110
85	10	11	24	25	34	26
90	1	1	1	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	88	88	88	88	86	86	86	82	82	82	82	74					
1	81	78	76	73	79	77	74	74	72	70	64						
2	75	69	65	61	73	68	64	66	62	59	55						
3	69	62	56	52	67	61	56	59	54	51	47						
4	63	55	49	45	62	54	49	53	48	44	41						
5	59	50	44	39	57	49	43	47	42	39	36						
6	54	45	39	34	53	44	39	43	38	34	32						
7	50	41	35	31	49	40	35	39	34	30	29						
8	47	38	32	27	46	37	31	36	31	27	26						
9	44	35	29	25	43	34	29	33	28	25	23						
10	41	32	26	22	40	31	26	31	26	22	21						

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

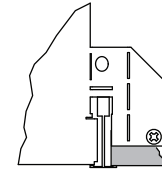
Vertical Angle	Horizontal Angle		
	0	45	90
55	2341	2259	2290
65	1582	1671	1803
75	857	1241	1455
85	335	804	1139

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

Additional Information

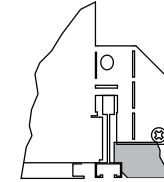
Mounting

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.

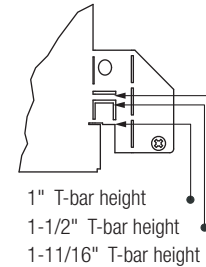


D2 Slot T-Grid

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

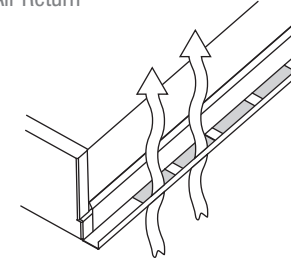
Ceiling Types

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 23 lbs.

Optical System

Optical assembly consists of flat acrylic panels and flat 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.