

Vectra



Project Name

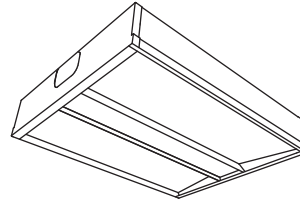
Spec Type

Notes

Recessed

20"x2'

2 T5HO



Order Guide

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

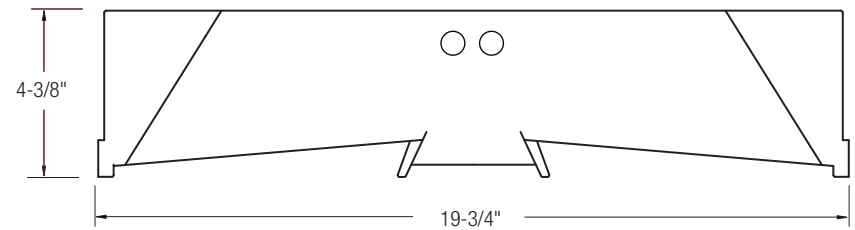
9752			H224	-		-		-		-	
Product Series & Size Vectra 20"x2'	Version NN Standard T-Grid	Configuration ST Standalone	Lamping 2 T5HO (24W)	Housing S Standard (22ga.) T Standard w/ Frame Restraint	Wiring 1 1 cct 5 1 cct w/ Battery Pack	Voltage 1 120V 2 277V 3 347V	Ballast E Standard Ballast	Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information	

Upgrades & Accessories

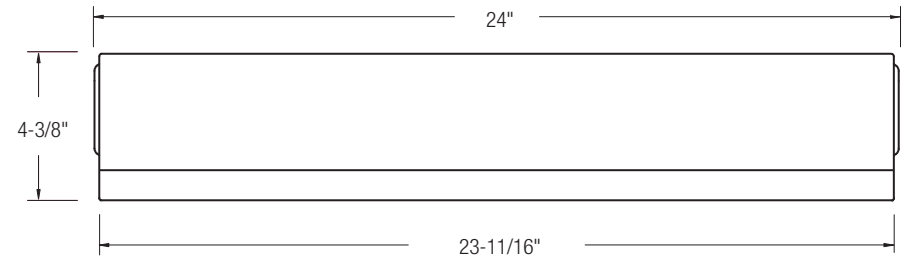
Please indicate with check mark.

<input type="checkbox"/> Lamps Included	<input type="checkbox"/> Lamps Included & Installed
<input type="checkbox"/> Job Pack	<input type="checkbox"/> Flex Whip

Cross Section

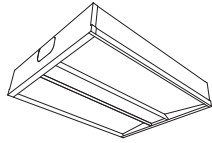


Side View



Vectra

Recessed
20"x2"
2 T5HO



Photometry

Report Summary

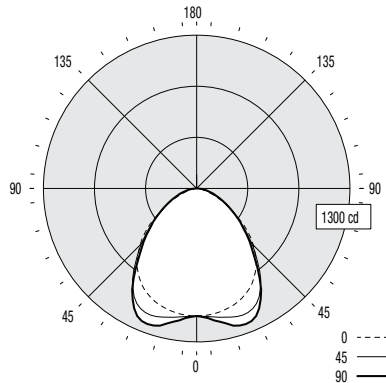
Report # 9901431
Filename 9752D1H224.ies
Efficiency 69.7%

Spacing Criteria 1.27 @ 0° along
1.36 @ 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	1082	1082	1082	1082	1082	
5	1078	1083	1091	1101	1104	107
15	1049	1076	1130	1178	1205	319
25	985	1040	1125	1193	1194	509
35	867	926	949	953	932	579
45	679	688	664	664	635	516
55	424	434	413	433	410	380
65	215	235	234	246	238	234
75	76	98	110	122	116	115
85	13	19	26	38	36	31
90	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	83	83	83	83	81	81	81	77	77	77	77	69				
1	77	74	71	69	75	72	70	69	67	65	60					
2	70	65	61	57	69	64	60	61	58	55	51					
3	65	58	53	49	63	57	52	55	51	47	44					
4	59	52	46	42	58	51	46	49	45	41	38					
5	55	47	41	36	54	46	40	44	40	36	34					
6	51	42	36	32	50	42	36	40	35	32	30					
7	47	38	33	29	46	38	32	37	32	28	26					
8	44	35	29	26	43	35	29	34	29	25	24					
9	41	32	27	23	40	32	27	31	26	23	21					
10	39	30	24	21	38	29	24	29	24	21	19					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

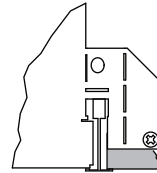
Vertical Angle	Horizontal Angle		
	0	45	90
55	2639	2570	2552
65	1816	1976	2010
75	1048	1517	1600
85	532	1065	1474

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

Additional Information

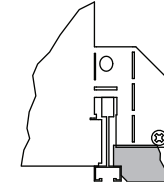
Mounting

Integrates with most common T-bar ceiling types.



Flat T-Grid

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

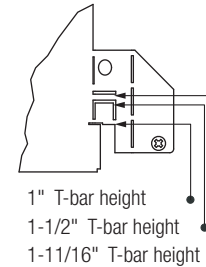


Slot T-Grid

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

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. 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.

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. 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.

Approvals

Certified to UL & CSA Standards.

Finish

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