

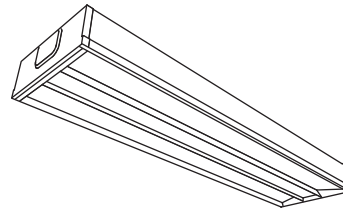
Vectra



Recessed

1'x4'

2 T8



Project Name

Spec Type

Notes

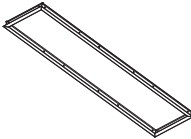


Order Guide

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

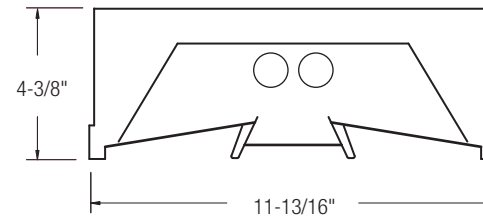
9714			T232	-		-		-		-	
Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast				
Vectra 1'x4'	D1 Standard T-Grid	ST Standalone CR Continuous Row SMS Standalone Master/Satellite CMS Continuous Row Master/Satellite	2 T8 (32W)	S Standard (22ga.) C Chicago Plenum T Standard 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

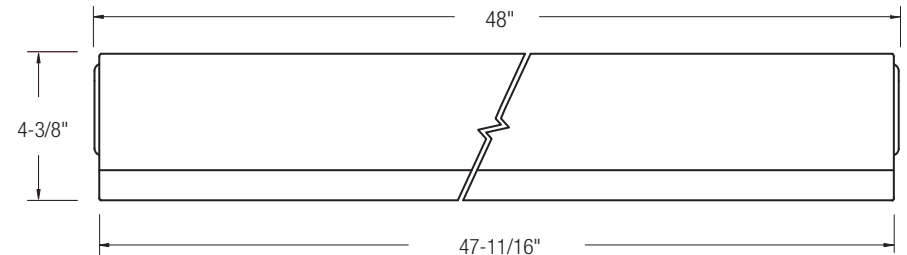
Please indicate with check mark.

<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  Wood Frame  Hanger Wire
<input type="checkbox"/> Response Daylight For details visit www.ledalite.com/response	

Cross Section



Side View

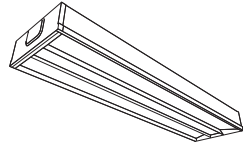


Vectra

Recessed

1'x4'

2 TB



Photometry

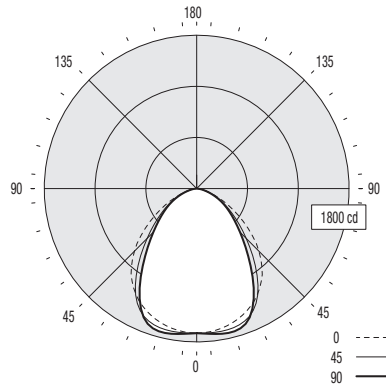
Report Summary

Report # 9900318
 Filename 9714D1T232.ies
 Efficiency 63.3%

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

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1698	1698	1698	1698	1698	166
5	1689	1692	1701	1708	1712	477
15	1632	1650	1691	1723	1734	713
25	1518	1545	1580	1577	1557	769
35	1330	1320	1244	1156	1111	662
45	1039	963	827	752	724	487
55	671	600	514	482	471	301
65	345	323	293	284	277	133
75	119	128	124	119	114	27
85	14	22	22	22	20	
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	75	75	75	75	73	73	73	70	70	70	70	63				
1	70	67	65	63	68	66	63	63	61	60	55					
2	64	60	56	53	62	58	55	56	53	51	47					
3	59	53	49	45	58	52	48	50	47	44	41					
4	54	48	43	39	53	47	42	45	41	38	36					
5	50	43	38	34	49	42	38	41	37	34	32					
6	47	39	34	30	46	38	34	37	33	30	28					
7	44	36	31	27	43	35	30	34	30	27	25					
8	41	33	28	24	40	32	27	31	27	24	23					
9	38	30	25	22	37	30	25	29	25	22	21					
10	36	28	23	20	35	28	23	27	23	20	19					

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

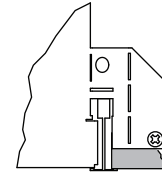
Vertical Angle	Horizontal Angle		
	0	45	90
55	3490	2674	2450
65	2436	2069	1956
75	1372	1429	1314
85	479	753	685

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.

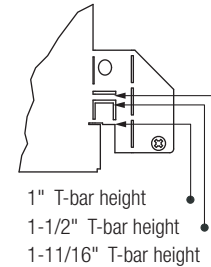


D1 Standard T-Grid

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.

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 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.