Vectra

Recessed

20"x2'

2 TT5 (25W)

LEDALITE

mesoOptics® airwave™ RESPONSE®

Order Guide

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

9752			B225	–		–		–		–	

Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast
Vectra 20"x2'	**NN** Standard T-Grid	**ST** Standalone	2 TT5 (25W)	**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
					Consult website for complete list of standard wiring options		Consult website for ballast manufacturer information

Upgrades & Accessories
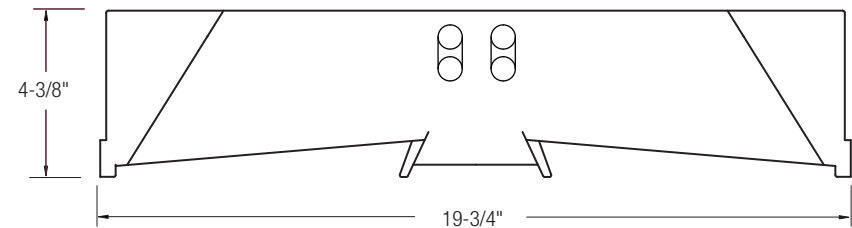
Please indicate with check mark.

- ☐ Lamps Included
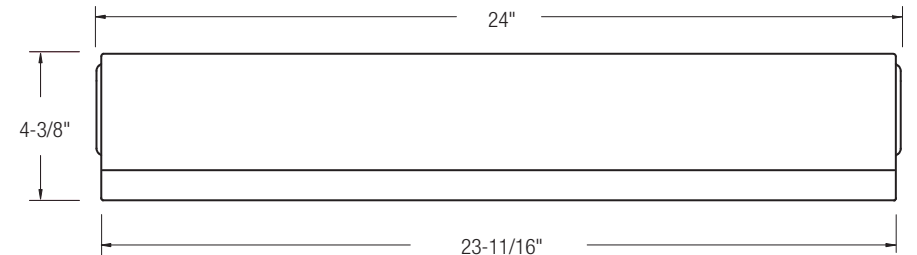- ☐ Job Pack   ☐ Flex Whip
- ☐ Response Daylight
  For details visit www.ledalite.com/response

Cross Section

4-3/8"

19-3/4"

Side View

24"

4-3/8"

23-11/16"

PHILIPS

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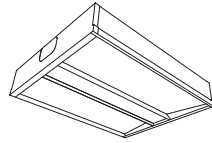
Photometry

Report Summary

Report #	9901491	**Spacing Criteria**	1.27 @ 0˚ along
Filename	9752D1B225.ies		1.33 @ 90˚ across
Efficiency	84.5%		

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1700	1700	1700	1700	1700	
5	1693	1701	1716	1728	1737	168
15	1648	1684	1767	1840	1882	500
25	1550	1626	1736	1836	1847	790
35	1370	1450	1471	1489	1426	902
45	1084	1083	1025	1050	997	810
55	678	699	658	693	671	609
65	350	376	373	398	403	381
75	127	158	177	210	201	189
85	18	34	41	59	48	49
90	0	0	0	0	0	

2000 cd

0 - - -
45 —
90 —
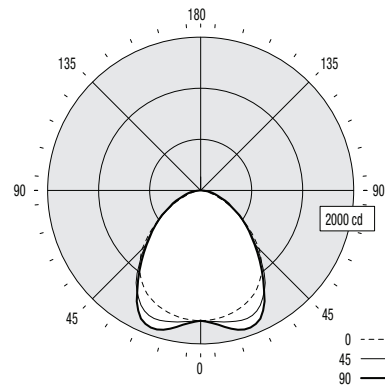
Coefficients of Utilization (%)

Ceiling: Wall:	80				70			50			0
	70	50	30	10	70	50	30	50	30	10	0
0 RCR	100	100	100	100	98	98	98	94	94	94	84
1	93	89	86	83	91	87	84	84	81	79	73
2	85	79	74	69	83	77	73	74	70	67	62
3	78	70	64	59	76	69	63	66	61	57	53
4	72	63	56	50	70	62	55	59	54	49	46
5	67	56	49	44	65	55	49	54	48	43	41
6	62	51	44	39	60	50	43	49	43	38	36
7	57	46	39	34	56	46	39	44	38	34	32
8	53	42	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	4219	4095	4176
65	2956	3150	3404
75	1752	2441	2772
85	737	1679	1966

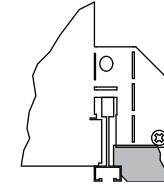IES files for this and other photometric options can be downloaded online at www.ledalite.com

Additional Information

Mounting

Integrates with most common T-bar ceiling types.
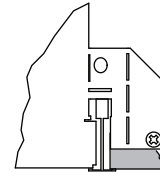
Works with 9/16" and 15/16" flat T-grid ceilings.

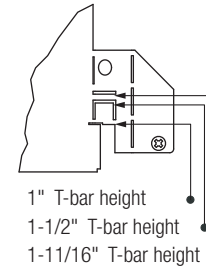Can also be used with slot T-grid ceilings, but it will not sit flush with the bottom of the T-bar.

Flat T-Grid

Slot T-Grid

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.