Vectra

Recessed

20"x4'

3 T8

mesoOptics® airwave™ RESPONSE®

LEDALITE

Order Guide

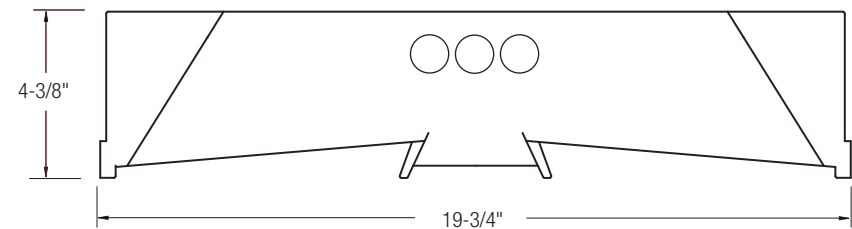Some combinations of product options may not be available. Consult factory for assistance with your specification.

| 9754 | | | T332 – | – | – | – |

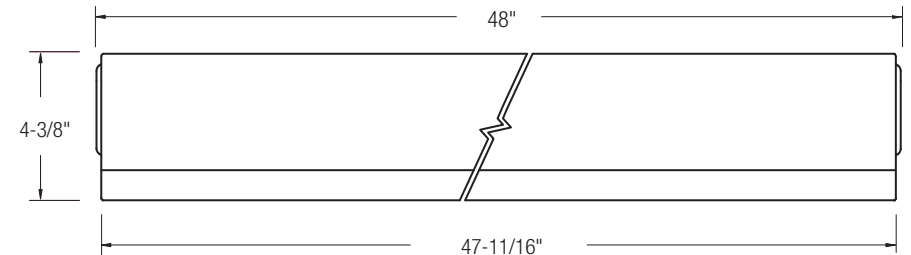| Product Series & Size	Version	Configuration	Lamping	Housing	Wiring	Voltage	Ballast
Vectra 20"x4'	**NN** Standard T-Grid*	**ST** Standalone	3 T8 (32W)	**S** Standard (22ga.) **T** Standard w/ Frame Restraint	**1** 1 cct **2** 2 cct **5** 1 cct w/ Battery Pack **7** 1 cct Dimming	**1** 120V **2** 277V **3** 347V	**E** Standard Ballast
	*Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed (see below). For 20"x4' fixtures with air return, select perforated filler panel (see below).				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
- [ ] Response Daylight
  For details visit www.ledalite.com/response

- [ ] Lamps Included & Installed
- [ ] Flex Whip
- [ ] Solid Filler Panel (set of 2)
- [ ] Perforated Filler Panel /Air Return (set of 2)

Cross Section

4-3/8"

19-3/4"

Side View

48"

4-3/8"

47-11/16"

Ledalite is a Philips group brand

PHILIPS

Vectra

Recessed
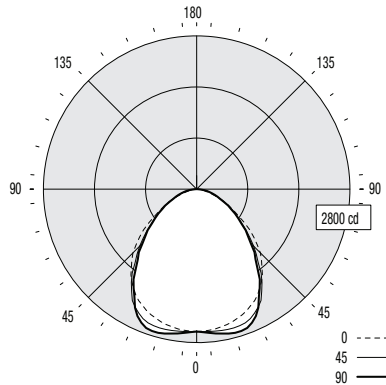
20"x4'

3 T8
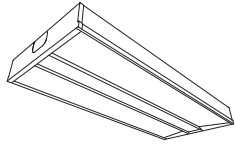
Photometry

Report Summary

Report # 9901417
Filename 9754D1T332.ies
Efficiency 72.4%

Spacing Criteria   1.26 @ 0˚ along
1.26 @ 90˚ across

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	2602	2602	2602	2602	2602	
5	2589	2597	2612	2623	2636	254
15	2511	2547	2625	2692	2718	741
25	2342	2418	2500	2583	2559	1140
35	2065	2118	2081	2037	2011	1288
45	1647	1596	1473	1459	1398	1164
55	1060	1038	943	962	926	884
65	572	602	556	579	545	569
75	205	259	275	301	287	290
85	31	59	67	90	66	78
90	0	0	0	0	0	

2800 cd

0 - - - -
45 ——
90 ———

Coefficients of Utilization (%)

Ceiling:	80				70			50			0
Wall:	70	50	30	10	70	50	30	50	30	10	0
0 RCR	86	86	86	86	84	84	84	80	80	80	72
1	79	76	73	71	77	75	72	72	69	68	62
2	73	67	63	59	71	66	62	63	60	57	53
3	67	60	54	50	65	59	54	57	52	49	46
4	62	53	48	43	60	53	47	51	46	42	40
5	57	48	42	37	55	47	42	46	41	37	35
6	53	44	37	33	51	43	37	42	36	33	31
7	49	40	34	29	48	39	33	38	33	29	27
8	46	36	30	26	45	36	30	35	30	26	24
9	43	33	28	24	42	33	27	32	27	24	22
10	40	31	25	22	39	30	25	30	25	21	20

Based on a floor reflectance of 0.2

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3231	2874	2823
65	2366	2300	2255
75	1385	1858	1939
85	622	1344	1324

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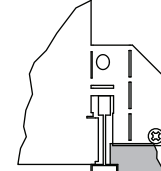
Additional Information

Mounting

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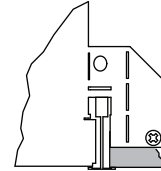
Works with 9/16" and 15/16" flat T-grid ceilings.

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

Note: Optional filler panels for 20"x4' fixtures used in 20"x 60" ceiling grid systems are ordered separately and field installed. For 20"x4' fixtures with air return, select perforated filler panel (see below).
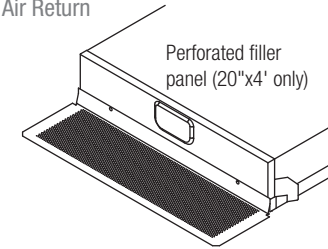
Flat T-Grid

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.
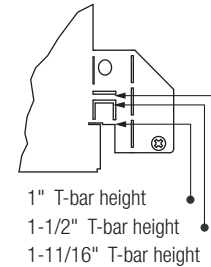
1" T-bar height
1-1/2" T-bar height
1-11/16" T-bar height

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 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.

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.