



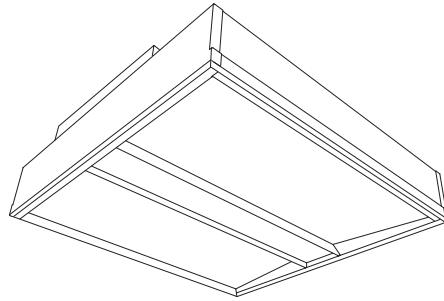


Vectra (LED) 2'x2'

Recessed
2'x2'
LED 3500K; 3600 lm
   



Project Name

Spec Type

Notes

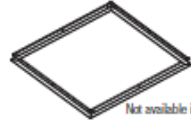


Order Guide

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

9722			L	B	36				E
Product Type & Size Vectra 2'x2'	Version D1 Standard T-Grid D2 Tegalur/Slot T-Grid	Configuration ST Standalone CR Continuous	Light Source L LED	Color Temp B 3500K	Lumens* 36 3600 lm	Housing S Standard C Chicago	Wiring 1 1 cct 5 1 cct w/battery pack 7 1 cct dimming	Voltage 1 120V 2 277V	Driver E Standard
					*Nominal Values		Consult website for complete list of standard wiring options		Consult website for driver manufacturer information

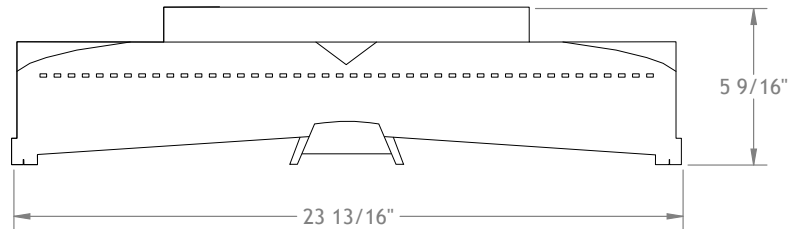
Upgrades & Accessories

Please indicate with check mark.

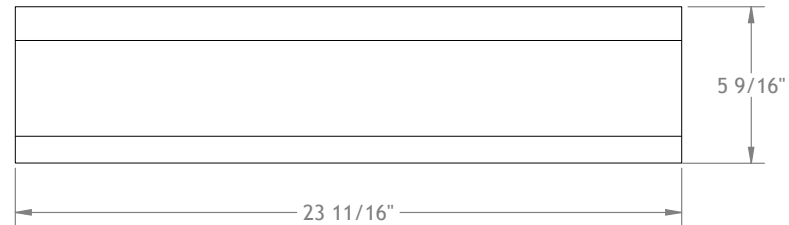
<input type="checkbox"/> Drywall Kit	 <p>Can be mounted to wood frame or with hanger wire</p>   <p>Not available in continuous row</p>
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Integrated Controls

<input type="checkbox"/> Response Daylight Sensor For details visit ledalite.com/response



Cross Section



Side View



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Photometry Flat Acrylic MesoOptics Lens

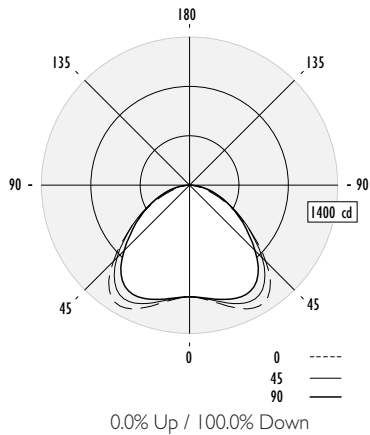
Report Summary

Efficiency* 100%
Efficacy 85.9 lm/W
Total Lumens 3692 lm

Report No. ITL70664
CRI 83
R9 22

Filename 9722DxxxLB36.ies
Testing Voltage 120V
Power Factor 0.99

*IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.



Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	1056	1056	1056	1056	1056	
5	1071	1068	1067	1065	1065	103
15	1164	1157	1141	1124	1118	325
25	1291	1272	1230	1181	1163	567
35	1291	1269	1203	1133	1106	746
45	1017	1008	969	903	874	737
55	660	664	660	631	615	580
65	359	373	391	395	389	384
75	146	165	191	207	211	198
85	28	38	50	55	56	54
90	0	0	0	0	0	
95	0	0	0	0	0	
105	0	0	0	0	0	
115	0	0	0	0	0	
125	0	0	0	0	0	
135	0	0	0	0	0	
145	0	0	0	0	0	
155	0	0	0	0	0	
165	0	0	0	0	0	
175	0	0	0	0	0	
180	0	0	0	0	0	

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3684	3684	3433
65	2720	2962	2947
75	1806	2363	2610
85	1029	1837	2057

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08.

Lumen maintenance of the LEDs used in this fixture has been tested by the LED manufacturer in accordance with IESNA LM-80-08

Coefficients of Utilization (%)

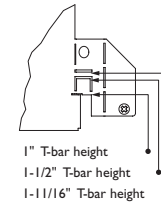
RCR	Ceiling: 80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	50	30	10	0
0	119	119	119	119	116	116	116	111	111	111	100					
1	109	105	101	97	107	102	99	98	95	92	85					
2	100	92	85	80	97	90	84	86	81	77	71					
3	91	81	73	66	89	79	72	76	70	65	60					
4	83	72	63	56	81	70	62	68	61	55	52					
5	77	64	55	49	75	63	55	61	53	48	45					
6	71	58	49	42	69	57	48	55	47	42	39					
7	65	52	43	37	64	51	43	50	42	37	34					
8	61	47	39	33	59	47	39	45	38	33	30					
9	57	43	35	30	55	43	35	42	34	29	27					
10	53	40	32	27	52	39	32	38	31	27	25					

Based on a floor reflectance of 0.2

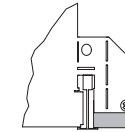
IES files for this and other photometric options can be downloaded online at ledalite.com

Mounting

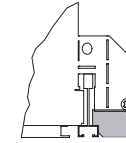
All recessed LED products feature integrated mounting tabs that can be field-adjusted to various T-bar ceiling heights. Fixtures can be fastened directly to the T-bar grid and/or tied-off to the building structure.



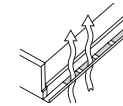
1" T-bar height
 1-1/2" T-bar height
 1-11/16" T-bar height



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 regular tile ceiling types.



AIR RETURN

Air return is available with the ArcForm 2'x2' option. Side rails are finished in black.

Specifications

Due to continuing product improvements, Philips Ledalite reserves the right to change specifications without notice.

Housing

Die-formed, post-painted, 22 gauge cold-rolled steel. Multiple wire entrances are available (top or side) to allow continuous row mounting of fixtures. Optional frame restraint is available to provide additional safety support to the optical frame.

Optical System

The optical frame assembly consists of an acrylic panel with a layer of protected MesoOptics film which efficiently provides a luminous, controlled, low glare 3-dimensional batwing distribution. 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.

Weight

Maximum 25lb.

Electrical

Factory pre-wired to section ends with quick-wire connectors.

Driver

Dimming: 0-10V - 10-100%. Power factor: greater than 98% (120V) and greater than 85% (277V). Output is Class 2 rated.

Wiring

Optional flex whips are supplied in 6' lengths.

Approvals

Certified to UL, IES & CSA Standards. City of Chicago Approved CCEA (housing option C). Type IC Rated

Finish

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

Environment

Rated for dry or damp locations in operating ambient temperatures of 0-40°C (32-104°F).

Philips Ledalite

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens) **3692**

Watts **43**

Lumens per Watt (Efficacy) **86**

Color Accuracy **83**

Color Rendering Index (CRI)

Light Color **3500 (Bright White)**

Correlated Color Temperature (CCT)

2700K 3000K **3500K** 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: F46Z-26705J (2/7/2012)
 Model Number: 9*22D***LB36
 Type: Surface-mounted or recessed troffers

