



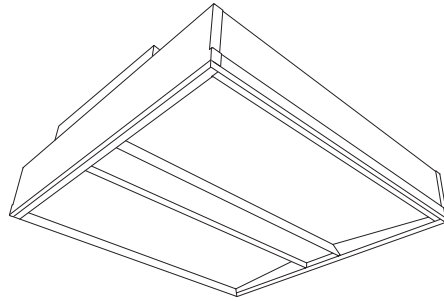


Vectra (LED) 2'x2'

Recessed
2'x2'
LED 3000K; 3600 lm
   



Project Name	<input type="text"/>
Spec Type	<input type="text"/>
Notes	<input style="height: 100px;" type="text"/>

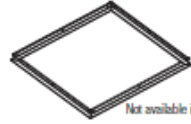


Order Guide

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

9722			L	C	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 C 3000K	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

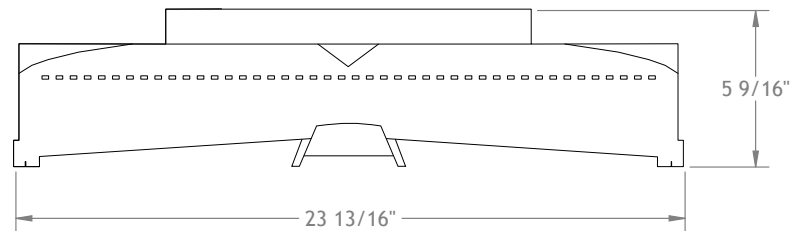
Upgrades & Accessories

Please indicate with check mark.

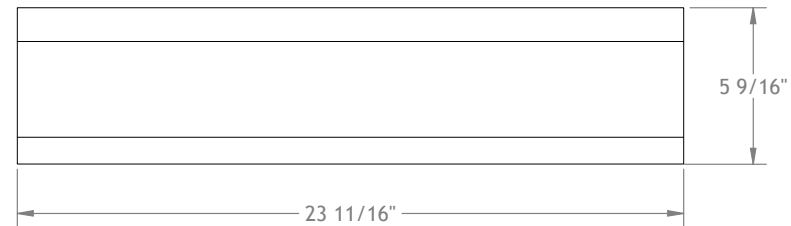
<input type="checkbox"/> Drywall Kit	 <p>Can be mounted to wood frame or with hanger wire</p>   <p><i>Not available in continuous row</i></p>
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Integrated Controls

<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

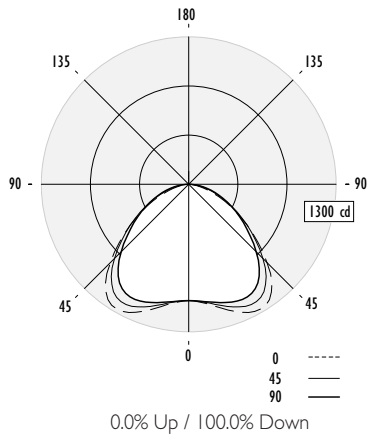
Report Summary

Efficiency* 100%
Efficacy 82.1 lm/W
Total Lumens 3555 lm

Report No. ITL70666
CRI 83
R9 21

Filename 9722DxxxLC36.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	1026	1026	1026	1026	1026	
5	1042	1039	1037	1034	1034	100
15	1132	1123	1106	1087	1081	315
25	1248	1228	1188	1139	1121	547
35	1242	1220	1157	1090	1063	717
45	976	965	925	868	841	706
55	631	636	631	609	590	557
65	348	360	377	382	377	369
75	143	162	184	201	205	191
85	26	37	49	55	56	53
90	0	0	0	0	0	0
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	0

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	3522	3522	3293
65	2636	2856	2856
75	1769	2276	2536
85	955	1800	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 (%)

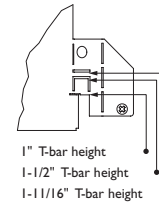
RCR	Ceiling: 80				70				50				0
	70	50	30	10	70	50	30	10	50	30	10	0	
0	119	119	119	119	116	116	116	111	111	111	100		
1	109	105	101	97	107	102	99	98	95	92	85		
2	100	92	85	80	97	90	84	86	81	77	71		
3	91	81	73	66	89	79	72	76	70	65	60		
4	83	72	63	56	81	70	62	68	61	55	52		
5	77	64	55	49	75	63	55	61	53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

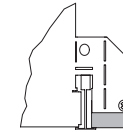
IES files for this and other photometric options can be downloaded online at ledalite.com

Mounting

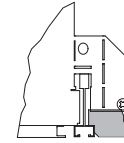
All recessed LED products feature integrated mounting tabs that can be field-adjusted to various T-bar ceiling heights. Fixtures can be fastened directly to the T-bar grid and/or tied-off to the building structure.



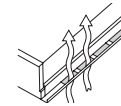
1" T-bar height
 1-1/2" T-bar height
 1-11/16" T-bar height



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) **3555**

Watts **43.3**

Lumens per Watt (Efficacy) **82**

Color Accuracy **83**

Color Rendering Index (CRI)

Light Color **3000 (Bright White)**

Correlated Color Temperature (CCT)

2700K 3000K 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-BRRJ24 (2/7/2012)
 Model Number: 9*22D**LC36
 Type: Surface-mounted or recessed troffers

