



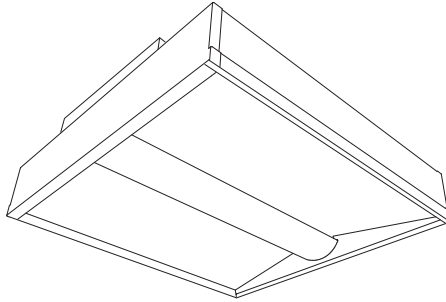


PureFX (LED) 2'x2'

Recessed
2'x2'
LED 3500K; 3600 lm

Project Name

Spec Type

Notes

Order Guide

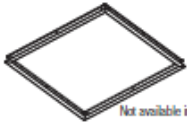
Some combinations of product options may not be available. Consult factory for assistance with your specification.

9422			L	B	36				E
Product Type & Size PureFX 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.

Drywall Kit



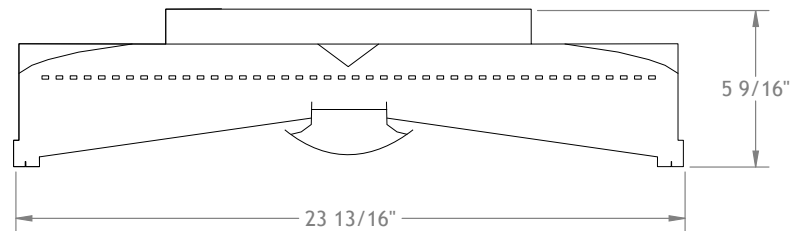
Can be mounted to wood frame or with hanger wire

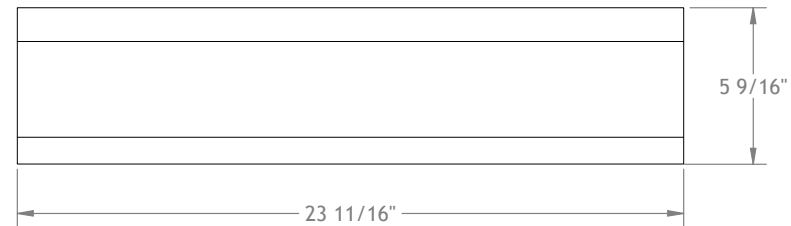
Not available in continuous row

Integrated Controls

Response Daylight Sensor
For details visit ledalite.com/response



Cross Section



Side View



PureFX (LED) 2'x2'

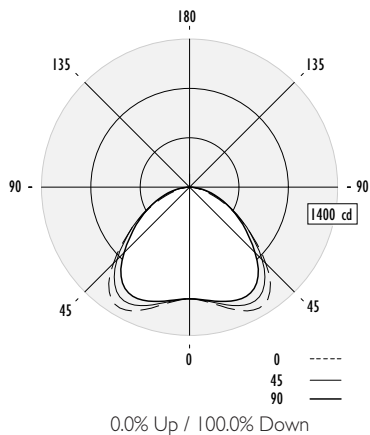
Recessed • 2'x2' • LED 3500K; 3600 lm

Photometry Combination Acrylic MesoOptics Lens

Report Summary

Efficiency*	100%	Report No.	ITL70664	Filename	9422DxxxLB36.ies
Efficacy	85.9 lm/W	CRI	83	Testing Voltage	120V
Total Lumens	3692 lm	R9	22	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	
0	1056	1056	1056	1056	1056
5	1071	1068	1067	1065	1065
15	1164	1157	1141	1124	1118
25	1291	1272	1230	1181	1163
35	1291	1269	1203	1133	1106
45	1017	1008	969	903	874
55	660	664	660	631	615
65	359	373	391	395	389
75	146	165	191	207	211
85	28	38	50	55	56
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
0	3684	3684
5	3684	3684
15	2720	2962
25	1806	2363
35	1029	1837
45	2057	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 (%)

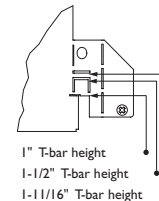
RCR	Ceiling: 80				70				50				0			
	70	50	30	10	70	50	30	10	50	30	10	0	50	30	10	0
0	119	119	119	119	116	116	116	111	111	111	100	111	111	111	100	100
1	109	105	101	97	107	102	99	98	95	92	85	98	95	92	85	85
2	100	92	85	80	97	90	84	86	81	77	71	86	81	77	71	71
3	91	81	73	66	89	79	72	76	70	65	60	76	70	65	60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

Based on a floor reflectance of 0.2

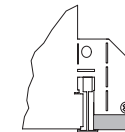
IES files for this and other photometric options can be downloaded online at ledalite.com

Mounting

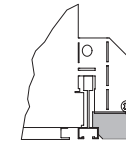
All recessed LED products feature integrated mounting tabs that can be field-adjusted to various T-bar ceiling heights. Fixtures can be fastened directly to the T-bar grid and/or tied-off to the building structure.



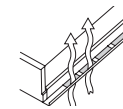
1" T-bar height
1-1/2" T-bar height
1-11/16" T-bar height



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

Color Rendering Index (CRI) **83**

Light Color

Correlated Color Temperature (CCT) **3500 (Bright White)**

2700K 3000K 3500K 4500K 6500K

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

