

Unlock your vision

VERSAFORM
2'X4' LED



DIRECT, BEAM SHAPING LIGHT GUIDE WITH STEPPED DIFFUSER
2'x4', 4000 lm 3000K

Project: _____

Spec Type: _____

Catalog No: 4124DxxxL8CD

Qty _____

Line Notes: _____



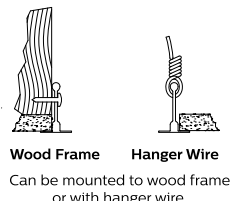
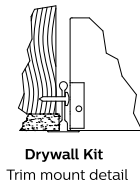
Ordering guide

Product Type	Version	Configuration	Light Source *	CRI/CCT	Lumens *	Housing	Wiring †	Voltage	Driver
<input type="text" value="4124"/>	<input type="text"/>	<input type="text" value="ST"/>	<input type="text" value="L"/>	<input type="text"/>	<input type="text" value="D"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
VersaForm 2'x4' LED	D1 Standard T Grid D2 Slot T Grid A1 Air Return on Standard T Grid A2 Air Return on Slot T Grid S1 Discrete Surface Mount	ST Standalone	L LED	8C CRI 80 3000K 8B CRI 80 3500K 8A CRI 80 4000K 9B CRI 90 3500K	D 4000 lm C 5200 lm A 6800 lm	S Standard C Chicago Plenum	1 1 cct 5 1 cct + EM Batt. Pack 7 1 cct Dimming N 1 cct Dimming + EM Batt. Pack T 1 cct Step Dimming	1 120V 2 277V 3 347V	E Philips Advance

* Nominal values within a range. Consult photometry data for exact color temp, lumens & distribution.
 † Not all wiring types are available with all configurations. Consult Philips Ledalite for a complete list of available options.

Upgrades & Accessories Please indicate with check mark.

- Drywall Kit Trim Mount
- Flex Whip



Integrated Controls Please indicate with check mark.

- Response Daylight Sensor Single Zone (DS)
- Philips Actilume Occupancy Sensor (DO) (includes field commissionable daylight sensor)

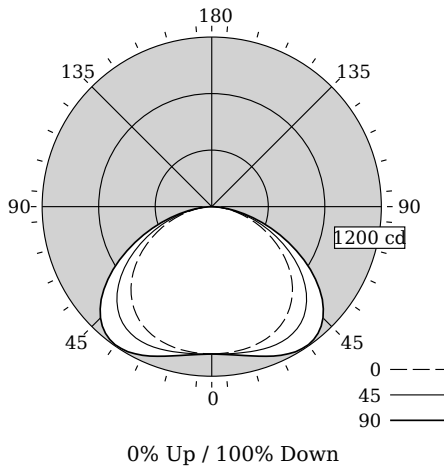


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Photometry



Total Output	3827 lm
Efficacy	109.7 lm/W
CCT	2988K
CRI	81
Distribution	0% Up / 100% Down
Spacing Criteria (0/90°)	1.38/1.69

Fixture photometry has been conducted in accordance with IESNA LM-79-08

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

Candela Distribution

Vertical Angle	Horizontal Angle				Zonal Lumens
	0	45	90	135	
0	1042	1042	1042	1042	0
5	1040	1044	1046	1048	100
15	1031	1042	1062	1083	301
25	1001	1024	1077	1134	499
35	931	968	1054	1149	661
45	808	848	949	1061	734
55	631	666	754	852	677
65	427	448	505	569	504
75	225	232	259	290	278
85	57	58	60	66	73
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

Coefficients of Utilization (%)

RCR	Ceiling: Wall											
	70			80			90			100		
0	119	119	119	119	116	116	116	111	111	111	100	
1	108	103	99	95	106	101	97	97	94	91	83	
2	98	90	83	77	95	88	81	84	79	74	68	
3	89	78	70	63	87	77	69	74	67	61	57	
4	81	69	60	53	79	67	59	65	57	52	48	
5	74	61	52	45	72	60	51	58	50	44	41	
6	68	55	45	39	66	54	45	52	44	38	35	
7	63	49	40	34	61	48	40	47	39	34	31	
8	59	45	36	30	57	44	36	43	35	30	27	
9	55	41	32	27	53	40	32	39	32	27	24	
10	51	38	29	24	50	37	29	36	29	24	22	

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1702	2033	2417
65	1563	1846	2192
75	1344	1547	1801
85	1006	1073	1190

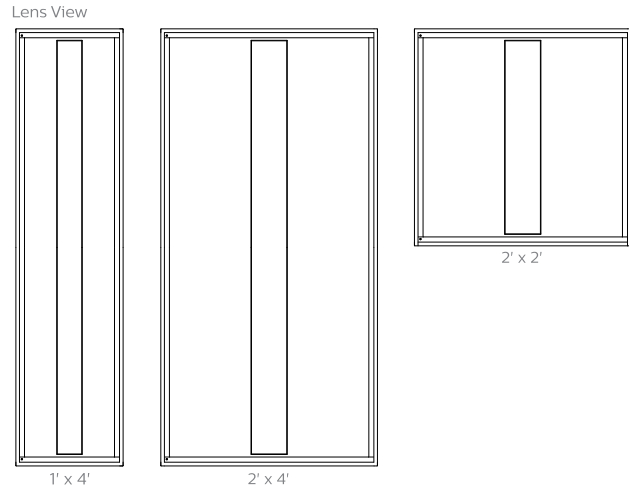
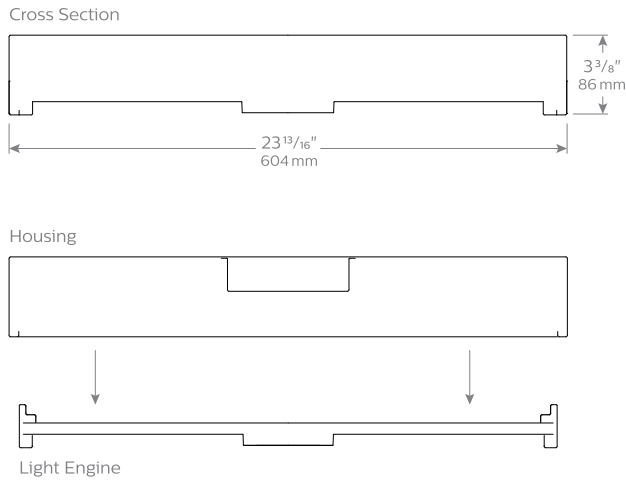
Electrical Specifications

Input Voltage	120V	277V
Input Power	34.9W	34.8W
Input Current	0.30A	0.14A
Power Factor	0.986	0.897
Total Harm. Distortion	14.7%	18.5%
Tested values – contact technical support for rated values. Off-state power zero unless certain controls are specified.		

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Options and Details

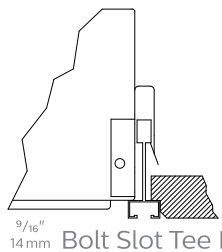


Mounting



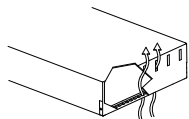
D1 Standard T-Grid

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 close to flush with slot T-grid ceilings and some tegular tile ceiling types.



Air Return

Air return is available with the VersaForm 2'x2' & 2'x4' options. Vent area is finished in black.

Housing

Die-formed, post painted, 22 gauge cold-rolled steel. Wire entrance with additional knock-out available on top side for electrical connections.

Weight

Maximum: 2x2 = 24lb, 1x4 = 28lb, 2x4 = 38lb

Optical System

The optical frame assembly consists of integrated LED arrays edgelighting a light guide panel in order to deliver uniform controlled light through a lower lens. 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 (side marked) to allow easy access to the inside of the fixture. Maintenance can be performed from below the ceiling.

Standard Driver

0-10V Dimming – 5-100%. Output is class 2 rated, contact factory for other options.

Lumen Maintenance

At an ambient temperature of 25°C, the LED lumen maintenance expectation is L₇₀ (9k) > 54 kh. Reported according to IES TM-21 Addendum A methodology (9k LM-80 test duration)

Mounting

Recessed: Fixtures can be fastened directly to the T-bar grid and/or tied-off to the building structure.
Surface: Fixtures can be mounted over recessed junction box and side entry also available.

Electrical

Factory pre-wired with driver safety disconnect.

Wiring

Recessed: Optional flex whips are supplied in 6' lengths.
Surface: Standard wiring configurations available.

Approvals

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

Finish

Housing and Frame painted, high quality, powder coated matte white only.

Environment

Rated for dry & damp locations in operating in ambient temperatures of 25°C. Certain luminaire components may be adversely affected by contaminants. Damage caused by sulfur, chlorine, petroleum based solutions or other contaminants are not covered under warranty.

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



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