

Unlock your vision

VERSAFORM
1'X4' LED PoE



DIRECT, BEAM SHAPING LIGHT GUIDE WITH STEPPED DIFFUSER
CRI >80 3500K, 2300 lm

Project: _____

Spec Type: _____

Catalog No: 4114DxxxP8BG

Qty _____

Line Notes: _____



ACTILUME



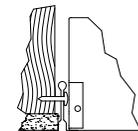
Ordering guide

Product Type	Version	Configuration	Light Source *	CRI/CCT	Lumens *	Housing	Wiring	Voltage	Driver
<input type="checkbox"/> 4114	<input type="checkbox"/>	<input type="checkbox"/> ST	<input type="checkbox"/> P	<input type="checkbox"/> 8B	<input type="checkbox"/> G	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VersaForm 1'x4' LED PoE	D1 Standard T Grid D2 Slot T Grid	ST Standalone	P LED PoE	8C CRI 80 3000K 8B CRI 80 3500K 8A CRI 80 4000K	G 2300 lm	S Standard (22ga.)	7 1 cct w/ Dimming	N Not applicable (Class 2)	E Standard

* Nominal values within a range. Consult ies file for exact color temp, lumens and up/down distribution

Upgrades & Accessories Please indicate with check mark.

Drywall Kit Trim Mount



Drywall Kit
Trim mount detail



Wood Frame
Can be mounted to wood frame or with hanger wire.



Integrated Controls Please indicate with check mark.

Philips Actilume Daylight and Occupancy Sensor (DO)

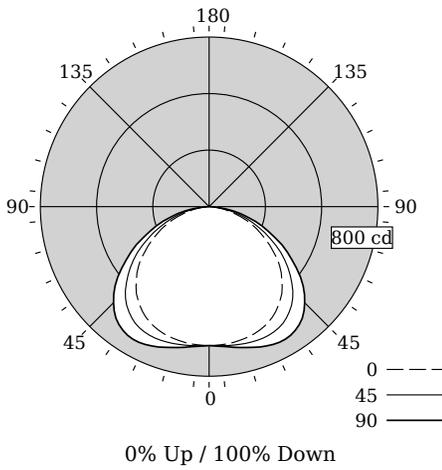


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Photometry



Total Output	2308 lm
Efficacy	111.5 lm/W
CCT	3328K
CRI	82
R9	6
Distribution	0% Up / 100% Down
Spacing Criteria (0/90°)	1.35/1.61

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

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

Candela Distribution

Vertical Angle	Horizontal Angle					Zonal Lumens
	0	22.5	45	67.5	90	
0	655	655	655	655	655	0
5	654	656	659	660	661	63
15	645	655	668	682	688	189
25	622	638	669	704	717	309
35	571	598	640	695	712	402
45	487	515	561	625	641	436
55	372	399	437	495	506	396
65	249	266	292	342	343	296
75	123	141	152	185	187	169
85	27	37	37	49	40	47
90	1	0	0	1	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

Coefficients of Utilization (%)

RCR	Ceiling: Wall:									
	70		80		70		50		50	
	70	50	30	10	70	50	30	50	30	10
0	119	119	119	119	116	116	116	111	111	111
1	108	103	99	95	106	101	97	97	94	91
2	98	90	83	77	96	88	81	84	79	74
3	89	78	70	63	87	77	69	74	67	62
4	81	69	60	53	79	68	59	65	58	52
5	75	61	52	45	73	60	52	58	50	45
6	69	55	46	39	67	54	45	52	45	39
7	64	50	41	34	62	49	40	47	40	34
8	59	45	36	30	57	44	36	43	36	30
9	55	41	33	27	54	41	33	40	32	27
10	52	38	30	25	50	37	30	36	29	24

Avg. Luminance (cd/m²)

Vertical Angle	Horizontal Angle		
	0	45	90
55	1809	2124	2457
65	1644	1923	2264
75	1328	1638	2012
85	847	1189	1276

Electrical Specifications

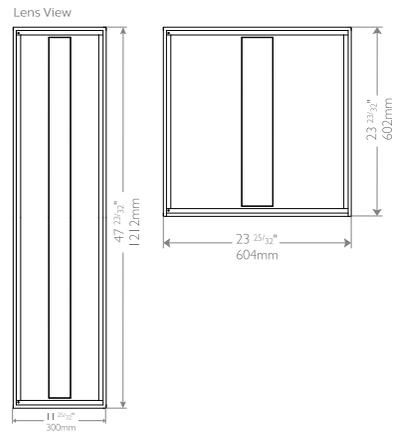
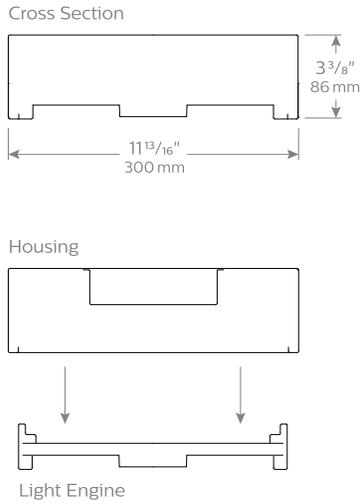
Input Voltage	PoE (51-54VDC)
Input Power	20.7W
Tested values – contact technical support for rated values. Standby power <0.9W	

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Options and Details

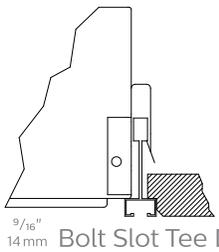


Mounting



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.

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.

Driver

Philips PoE Lighting Controller.

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

Fixtures can be fastened directly to the T-bar grid and/or tied-off to the building structure.

Electrical

Wire Access Cover provides RJ45 connection point for PoE network.

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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