

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:

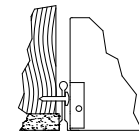
Ordering guide

| Product Type | Version | Configuration | Light Source * | CRI/CCT | Lumens * | Housing | Wiring | Voltage | Driver |
|----------------------------|--------------------------------------|---------------|----------------|-------------------------------------------------------|-----------|--------------------|--------------------|-------------------------------|------------|
| 4114 | | ST | P | 8B | G | | | | |
| 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)

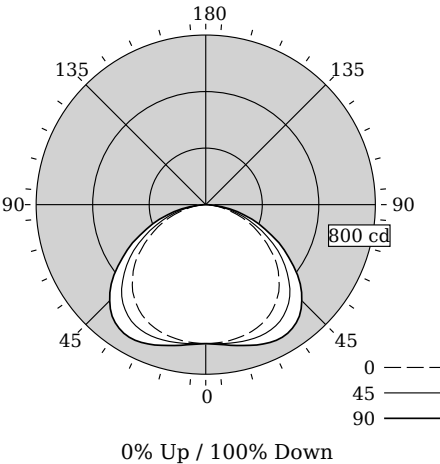


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Photometry



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

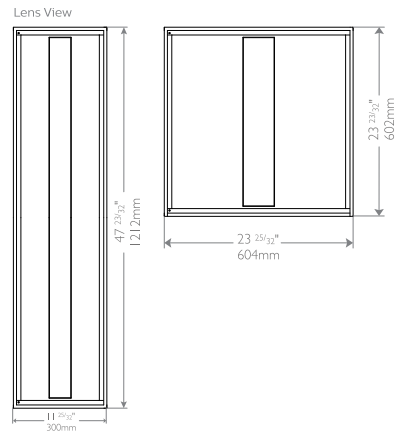
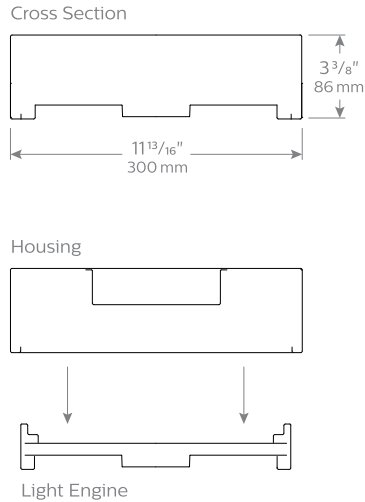
| | |
|---------------------------------------------------------------------------------|----------------|
| Input Voltage | PoE (51-54VDC) |
| Input Power | 20.7W |
| Tested values – contact technical support for rated values. Standby power <0.9W | |

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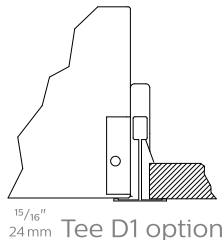
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Options and Details

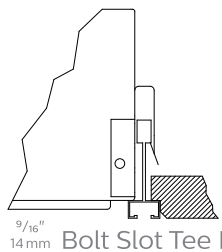


Mounting



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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