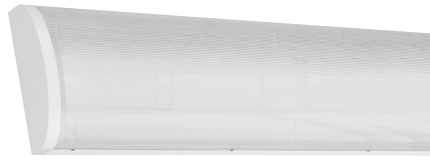


# PHILIPS Day-Brite CFI

## Special Application

### VLP11 series linear

Vandal resistant  
T8, T5, or T5HO



Project: \_\_\_\_\_  
Location: \_\_\_\_\_  
Cat.No: \_\_\_\_\_  
Type: \_\_\_\_\_  
Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
Notes: \_\_\_\_\_

The Philips Day-Brite / Philips CFI VLP11 series linear is a vandal resistant luminaire featuring a marine grade aluminum housing with extruded backplate and die cast end caps.

#### Ordering guide

Example: VLP11S332-UNV-F1-1/21-EB-WO

Family	Ends	No. of Lamps/ Cross Section	Lamp Type <sup>2,3</sup>	Voltage	Fasteners	No. of Ballast	Ballast Type	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/>
VLP11 TVLP11	11" width 11" width tandem (96") <sup>1</sup>	S Square R Round 2 Two lamps 3 Three lamps 4 Four lamps	14 14WT5 (24") 17 17WT8 (24") 24HO 24WT5HO (24") 28 28WT5 (48") 32 32WT8 (48") 54HO 54WT5HO (48")	UNV Universal voltage, 120-277V 120 120V 277 277V 347 347V	F1 Allen Head Center Pin Reject TORX F2 Head Center Pin Reject SF Specified fasteners	1/2 2-lamp ballast 1/3 3-lamp ballast 1/4 4-lamp ballast 2/1 Two 1-lamp ballasts 2/2 Two 2-lamp ballasts 1/21 2-lamp & 1-lamp ballasts 1/42 4-lamp & 2-lamp ballasts 3/2 3-lamp & 2-lamp ballasts 2/4 Two 4-lamp ballasts	EB Electronic ballast <10% THD, T8 instant start T5 rapid start EB10R Electronic ballast <10% THD, T8 rapid start SB Specified ballast	E7 B60 emerg. ballast, T8, 600-700 lumens, 120/277V <sup>4</sup> E5 B50 emerg. ballast, U.S. or Canada market, T8, 1100-1400 lumens, UNV <sup>4</sup> E7LP LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V <sup>4</sup> E6LP LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V <sup>4</sup> WO White Opal Polycarbonate Lens AG Agion™ Antimicrobial protection on painted surfaces (white finish only) PM Pendant Mount (Damp location only, 4 ft. or 8 ft. only) GLR Fusing, fast blow NLF7 7W HPF PL Night Light (4' or 8' only) <sup>2,4</sup> NLEDS LED Night Light (120V only) <sup>3</sup> RMB Continuous Row Mount (beginning of row luminaire, includes 1 Joiner Band) RMC Continuous Row Mount (middle of row luminaire, includes 1 Joiner Band) RME Continuous Row Mount (end of row luminaire, only one end cap) NSF NSF listed, Food Zone/Non-Contact & Splash Zone BK Black Finish BZ Bronze Finish CS Custom Color (provide RAL #) XTR Natatorium Environments

#### Accessories (order separately)

- VLP11CMA2 11"- 2 ft. Corner Mount Adapter in White Finish (Other finishes available, see ordering information). DRY or DAMP locations only.
- VLP11CMA4 11"- 4 ft. Corner Mount Adapter in White Finish (Other finishes available, see ordering information). DRY or DAMP locations only.
- VLP11CMA8 11"- 8 ft. Corner Mount Adapter in White Finish (Other finishes available, see ordering info.). DRY or DAMP locations only.
- JOINERVLP11 11" Joiner Band for Continuous Row Mounting. (One joiner band needed to join two units in the field.)

#### Footnotes

- Two 4 foot luminaires are twin cartoned to be joined together in the field.
- Lamps supplied by others.
- Length without end caps. For actual length see table on back.
- Specify voltage.

#### General Notes

- Consult factory for additional configurations.
- Many luminaire components, such as reflectors, refractors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.



# VLP11/TVLP11 VLP11 series linear

Vandal resistant, T8, T5, or T5HO

## Standards

- ETL (US/Canada) listing, Wet location.
- NSF2 Food Free Zone/Non-Contact and Splash Zone
- IP55 Rated
- ADA compliant.
- Suitable for Natatorium environments with XTR option.

## Construction/Finish

- The housing is constructed of marine grade aluminum with extruded backplate and die cast end caps.
- End caps are available in round or square profiles.
- Stainless steel center pin reject Allen-head fasteners standard. Other fasteners are available.
- Housing and end caps are painted with a high quality semi-gloss polyester powder coat process. Textured white is standard with any RAL color available.

## Lens

- Positive interlocking, extruded clear polycarbonate lens with integral linear prisms. High impact polycarbonate material is lighting grade and UV stabilized. Nominal thickness is .125".
- Lens sealed to the housing ends with silicone sponge gasket.

## Electrical

- Class P, sound rated A electronic ballasts are standard.
- Optional self-contained emergency ballasts can be incorporated.

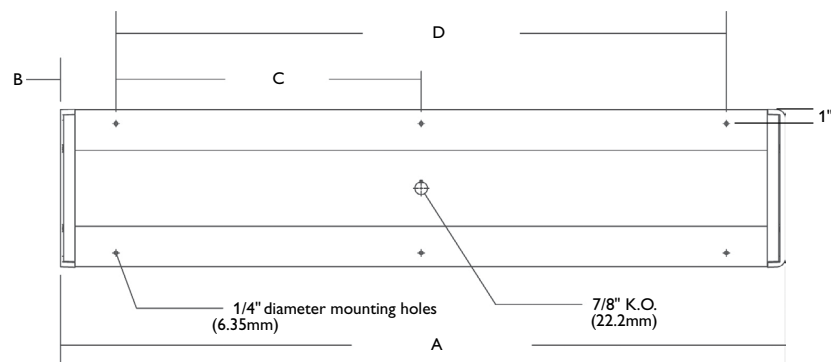
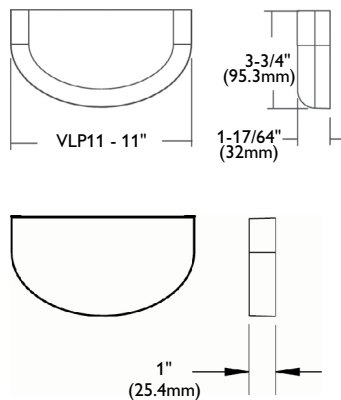
## Installation

- Ceiling, Wall, Corner or Pendant mount, single or continuous row options available. Additional hardware is needed for Corner, Pendant and Continuous row installation.

## Option

- Agion™ Antimicrobial protection using silver technology inhibits bacterial colonization on metal interior and exterior surfaces. Agion™ antimicrobial FDA recognized and EPA registered, meeting all applicable EPA standards. Only available with standard white finish.

## Dimensions



Luminaire with Square End Caps

Length	A	B	C	D	#Mntg Holes
24"	26.22	3.86	N/A	18.50	4
48"	50.22	3.86	21.25	42.50	6
96"	100.22	3.86	21.25	42.50	12*

Luminaire with Round End Caps

Length	A	B	C	D	#Mntg Holes
24"	26.72	4.11	N/A	18.50	4
48"	50.72	4.11	21.25	42.50	6
96"	100.72	4.11	21.25	42.50	12*

\*96" luminaire requires two 48" units connected with a joiner.



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

# VLP11/TVLP11 VLP11 series linear

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## Photometry

### VLP11 2 Lamp T8

Efficiency – 70.0%

LER – 71

TER – 52

Catalog No.	VLP11-232
Test No.	28695
S/MH	1.26
Lamp Type	T8
Lumens/Lamp	2850
Ballast Factor	.88
Input Watts	56

### Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	875	15.4	21.9
0-40	1441	25.3	36.1
0-60	2627	46.1	65.8
0-90	3712	65.1	93.0
90-120	259	4.5	6.5
90-130	269	4.7	6.7
90-150	278	4.9	7.0
90-180	279	4.9	7.0
0-180	3991	70.0	100.0

### Coefficients of Utilization

#### EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

pcc	80			70			50	
pw	70	50	30	70	50	30	50	30
RCR								
0	82	82	82	80	80	80	75	75
1	74	70	67	72	68	65	64	62
2	67	61	56	65	59	55	56	52
3	61	54	48	59	52	47	49	45
4	56	47	41	54	46	40	44	39
5	51	42	35	49	41	34	38	33
6	47	37	31	45	36	30	34	29
7	43	33	27	42	33	27	31	26
8	40	30	24	38	29	23	28	23
9	37	27	21	35	26	20	25	20
10	34	24	19	33	24	18	23	18

The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

