

# PHILIPS Day-Brite CFI

## Special Application

FDPH LED square series  
recessed flange troffer

25W, 30W, 40W, 38W, or  
45W LED



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

The Philips Day-Brite / Philips CFI FDPH LED square series recessed flange troffer with drop hinge door is designed for applications such as cells, corridors, dayrooms, and dormitories.

### Ordering guide

Example: MAXFDPH145-40L35K-UNV-4-F1

Family	Size	LED Wattage	LED Color Temp.	Voltage	Lens Type	Fasteners	Options
<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> UNV <input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/>
<b>MEDFDPH</b> 16 gauge Med. <b>MAXFDPH</b> 14 gauge Max. Security	<b>125</b> 12" Square Unit <b>145</b> 14" Square Unit <b>188</b> 18" Square Unit	<b>FDPH125</b> 25L 25W LED  <b>FDPH145</b> 40L 40W LED  <b>FDPH188</b> 30L 30W LED 38L 38W LED 45L 45W LED	<b>35K</b> 3500K <b>40K</b> 4000K	<b>UNV</b> Universal voltage, 120-277V	<b>Environment Side</b> <b>1</b> .125 Clear polycarbonate <b>2</b> .187 Clear Polycarbonate <b>3</b> .250 Clear Polycarbonate (MED Standard) <b>4</b> .375 Clear Polycarbonate (MAX Standard) <b>5</b> .500 Clear Polycarbonate <b>6</b> .187 Clear Tempered Glass <b>7</b> .250 Clear Tempered Glass <b>8</b> .375 Clear Tempered Glass <b>9</b> .500 Clear Tempered Glass	<b>F1</b> Allen Head Center Pin <b>F2</b> Reject TORX Head Center Pin <b>SF</b> Specified Fastener	<b>SS</b> Stainless steel housing, brushed stainless steel door <b>SSD</b> CRS housing, brushed stainless steel door and flanges <b>GLR AG</b> Fusing, fast blow Agion™ antimicrobial protection in powder coat paint (white finish only)

### Accessories (order separately)

- **PF-FDPH125** 12" Square Plaster Frame
- **PF-FDPH145** 14" Square Plaster Frame
- **PF-FDPH188** 18" Square Plaster Frame

(For more information on plaster frames, see individual spec sheet)

### General Notes

- 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.



# MED/MAXFDPH LED square recessed flange

Maximum security, 25W, 30W, 40W, 38W, or 45W LED

## Standards

- ETL (US/Canada) Contact factory for optional Wet location listing

## Construction/Finish

- One piece die-formed cold rolled steel housing. All exposed seams continuous welded. Optional stainless steel housing available.
- One-piece, die-formed, cold rolled steel drop hinged door with welded corners in gauge to match housing. Also available in stainless steel with brushed finish.
- Completely concealed 1/4" diameter knuckle continuous piano hinge with staked pins. Hinge welded to one-piece door and bolted to housing.
- Fully recessed, captive center-pin reject Allen head fasteners are standard. Other fasteners are available.
- Standard baked white polyester powder coat paint finish. Multi-stage pretreatment process. Salt spray 1,000 hours.

## Lens

- Clear polycarbonate or tempered glass outer lens with .010" white acrylic overlay inside.
- Lens retention is accomplished by vertically adjustable "Z" shaped retaining angles secured with through studs and locknuts.

## Electrical

- Standard Class 2 compliant electronic LED driver.
- High efficiency LEDs are 3500K or 4000K, 80+CRI and have a minimum 50,000 hour rated life (L70).
- LED luminaire efficacy up to 80LPW depending on input of current. IESNA LM79 and LM80 approved.

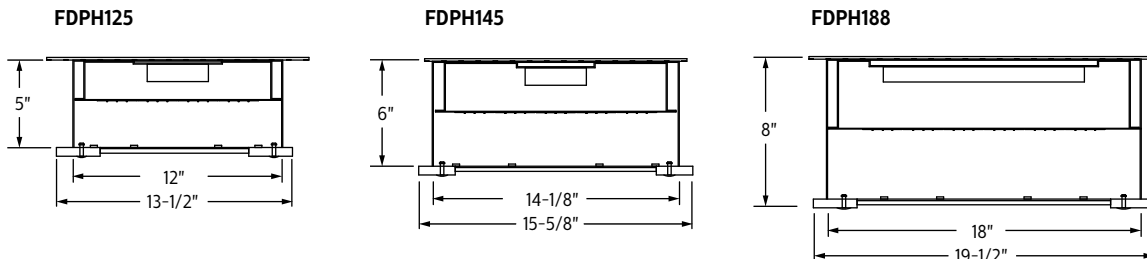
## Installation

- Standard mounting hardware, 14ga. Galvanized steel "U" channel mount, accommodates various ceiling types and thicknesses. Optional plaster frame also available.
- For information on plaster frames and U-channels, consult individual spec. sheets.
- Not suitable for grid ceilings.

## 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



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)

