

# PHILIPS Day-Brite CFI

## Special Application

### SH series surface mount

Maximum security  
T5, T5HO, or T8



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

The Philips Day-Brite / Philips CFI SH series surface mount utilizes a hinged door and is designed for security applications including cells, corridors, and dormitories.

#### Ordering guide

Example: MAXSH24-432-UNV-4A-F1-2/2-EB

Family	Size	No. of Lamps	Lamp Type <sup>1</sup>	Voltage	Lens Type	Fasteners	No. of Ballasts	Ballast Type	Options
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<b>MINSH</b> 18ga. Min. Security	<b>14</b> 1x4 <b>205</b> 20"	<b>2</b> Two lamps	<b>14</b> 14WT5 (24") <b>17</b> 17WT8 (24")	<b>UNV</b> Universal voltage, 120-277V	<b>1</b> <b>Environment Side</b> .125 Clear polycarbonate	<b>F1</b> Allen Head	<b>1/2</b> One 2-lamp ballast	<b>EB</b> Electronic ballast, <10% THD, T8 instant start, T5 rapid start	<b>E7</b> B60 emerg. ballast, T8,600- 700 lumens, 120/277V <sup>2</sup>
<b>MEDSH</b> 16ga. Med. Security	<b>22</b> 2x2 <b>24</b> 2x4	<b>3</b> Three lamps	<b>24HO</b> 24WT5HO (24")	<b>120</b> 120V <b>277</b> 277V <b>347</b> 347V	<b>2</b> .187 Clear Polycarbonate <b>3</b> .250 Clear Polycarbonate (MED Standard)	<b>Center</b> <b>Pin</b> <b>Reject</b>	<b>1/3</b> One 3-lamp ballast	<b>EB10R</b> Electronic ballast, T8 rapid start, <10% THD Specified ballast	<b>E5</b> B50 emerg. ballast, U.S. or Canada market, T8, 1100- 1400 lumens, UNV <sup>3</sup>
<b>MAXSH</b> 14ga. Max. Security		<b>4</b> Four lamps (not available in 1x4)	<b>28</b> 28WT5 (48") <b>32</b> 32WT8 (48") <b>54HO</b> 54WT5HO (48")		<b>4</b> .375 Clear Polycarbonate (MAX Standard) <b>5</b> .500 Clear Polycarbonate (SMAX Standard)	<b>F2</b> TORX Head <b>Center</b> <b>Pin</b> <b>Reject</b> <b>SF</b> Specified Fastener	<b>1/4</b> One 4-lamp ballast <b>2/1</b> Two 1-lamp ballasts <b>2/2</b> Two 2-lamp ballasts <b>1/21</b> One 2 lamp & One 1 lamp ballasts		<b>E5CAN</b> B50-CAN emerg. ballast, Canada market, T8, 1100- 1400 lumens, 120/347V <sup>2,3</sup>
<b>SMAXSH</b> 12ga. Super Max. Security					<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>A</b> .125 Prismatic Acrylic <b>B</b> .125 DR Prismatic Acrylic <b>C</b> .140 DR Prismatic Acrylic <b>D</b> .187 DR Prismatic Acrylic <b>E</b> .125 Prismatic Polycarbonate <b>F</b> .187 Prismatic Polycarbonate <b>G</b> .156 Prismatic Tempered Glass <b>H</b> .156 Prismatic Polycarbonate <b>UV</b> .007 UV Absorbing Overlay				<b>E7LP</b> LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V <sup>2,3</sup> <b>E6LP</b> LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750- 1325 lumens, 120/277V <sup>2,3</sup> <b>SS</b> Stainless steel housing, brushed stainless steel door <b>SSD</b> CRS housing, brushed stainless steel door <b>ALUM</b> .050" aluminum housing and door (MINSH only) <b>GLR</b> Fusing, fast blow Agion™ <b>AG</b> antimicrobial protection in powder coat paint (white finish only) <b>NLF7</b> 7W PL Night Light <sup>2,3</sup> <b>NLED5</b> LED nightlight <sup>3</sup> (120V only) <b>WL</b> Wet location

#### Footnotes

- <sup>1</sup> Lamps supplied by others.  
<sup>2</sup> Specify Voltage.  
<sup>3</sup> Limited availability in 2ft. length luminaires. Consult factory.

#### 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.

# MIN/MED/MAX/SMAXSH Surface mount

Maximum security, T5, T5HO, or T8

## Standards

- ETL (US/Canada) listing.
- Optional Wet location listing available.

## Construction/Finish

- One piece die-formed cold rolled steel housing. All exposed seams continuous welded. Optional stainless steel or aluminum housing available.
- One piece die-formed cold rolled steel door with welded corners in gauge to match housing. Also available in stainless steel with brushed finish or aluminum.
- Completely concealed 16ga. 1/4" diameter knuckle continuous piano hinge with staked pins. Hinge welded to housing and door.
- 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

- Lens retention is accomplished by vertically adjustable "Z" shaped retaining angles secured with through studs and locknuts.
- Fully recessed, captive center-pin reject Allen head fasteners are standard. Other fasteners are available.

## Electrical

- Standard Class P, sound rated A electronic ballast. Other ballast options available.
- Removable ballast tray is standard with quick disconnects to reduce installation and maintenance time. This feature is not available with some options. Consult factory for more information.

## Installation

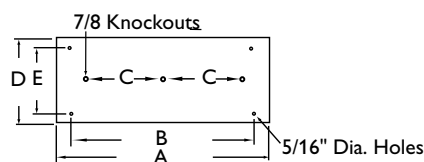
- Standard 5/16" diameter mounting holes (4) for surface mounting.

## Option

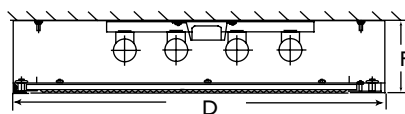
- Agion™ Antimicrobial protection using silver technology inhibits bacterial colonization on metal interior and exterior surfaces. Agion™ antimicrobial FDA recognized and EPA registered, meeting all applicable EPA standards. Only available with standard white finish.

## Dimensions

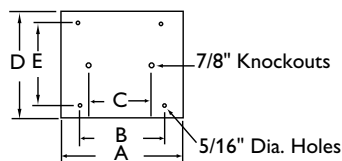
4ft.



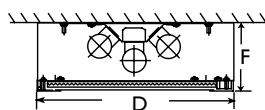
2x2, 205, 2x4



2ft.



1x4



Size	A	B	C	D	E	F
14	48.375"	38"	16"	12"	9"	4.5"
205-2ft.	24.375"	18"	16"	20"	16"	4.5"
205-4ft.	48.375"	38"	16"	20"	16"	4.5"
22	24.375"	18"	16"	24"	21"	4.5"
24	48.375"	38"	16"	24"	21"	4.5"



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)

