

# PFE-400



## Product information

The various highly efficient optics available provide multiple light beam patterns, from narrow to very wide. Luminaire & ballast are supplied and tested by GE, ensuring the best possible product quality. GE lamps can be ordered separately.

**Application:** for lighting of sports tracks, open-air car parks, building facades, railway platforms, storage areas, motorway junctions, etc.

## Structures and materials

**Housing:** in two parts (housing and door) in die-cast aluminium, electrostatically sprayed with a polyester powder paint finish, and oven cured at 180°C.

**Bracket:** hot deep galvanized sprayed with a polyester powder paint finish and oven cured at 180°C.

**Standard colour:** RAL 9011 black.

**Access door:** hinged, detachable.

## Electrical and gear compartment

**Gear tray:** electrical unit fitted to removable tray. With a protection degree IP66. For Mercury Vapor (MV), HPS and Metal Halide (MH) lamps up to 750W.

A bi-power system can be fitted to the MV or HPS lamps up to 400W.

**Mounting:** receptacle with PG-13.5 cable gland. Optional fitting of second cable gland.

**Insulation:** Class I.

## Optics

Optical assembly sealed providing IP66, comprising:

- Flat tempered glass lens sealed with silicone to the door.
- Faceted or smooth aluminium reflectors (four types) for different photometric distributions.
- Extruded EPDM gasket between housing and door.

## Maintenance

Front access to lamp and control gear.

Screw opening of luminaire. Optional tool-less opening.

## Installation

Mounting by way of heavy-gauge steel bracket with aiming degree indicator.

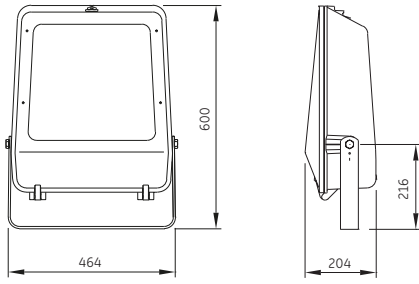
Aiming by way of integrated sight.

## Accessories/options

- Optional tool-less opening by means of stainless steel latches (R).
- The floodlight may incorporate a fuse. FUS option.
- Accessories for glare control visors and louvres, polycarbonate vandal shields, wire guards, etc.



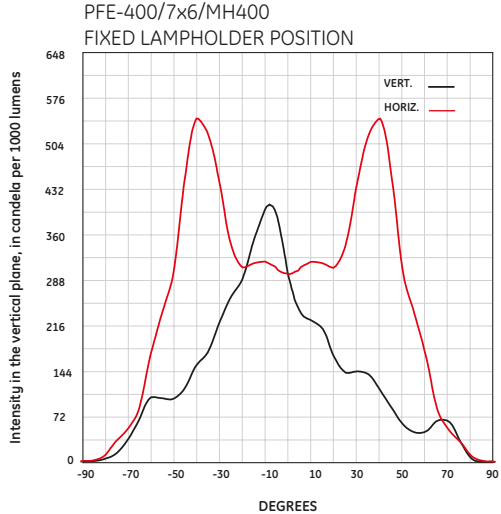
## Dimensions [mm]



## Specifications

Dimensions [mm]	600x464x204 (length x width x height)
Weight [kg]	20.00
Ballast	MH and HPS, 230V, 50Hz
Reflector	Asymmetric and Symmetric
Protection Degree	Full IP66, optical assembly and gear compartment
Class	Class I
Windage load [m <sup>2</sup> ]	0.23
Operating Temperature [°C]	25°C. Contact us for higher temperatures
Regulations	CEI 34.21/EN60598 -1, IEC 60598

## Photometric data



### PFE-400 Flood lighting

Description	Lamp	Product code
<b>Optics: 3x2</b>		
PFE-400/3*2 MH 400W (HPS)	CMH400/TT/UVVC/U/830/E40	88041
<b>Optics: 4x2</b>		
PFE-400 4X2 HPS 250W 230V 50Hz	LU250/T/40	519601
<b>Optics: 4x4</b>		
PFE-400/4*4 MH 400W (HPS)	CMH400/TT/UVVC/U/830/E40	88042
<b>Optics: 5x2</b>		
PFE-400 5X2 HPS 400W 230V 50HZ	LU400/T/40	519605
PFE-400 5X2 HPS 600W 230V 50HZ	LU600/XO/T/40	519609
<b>Optics: 5x4</b>		
PFE-400 5X4 HPS 250W	LU250/T/40	519602
PFE-400 5X4 HPS 400W	LU400/T/40	519606
PFE-400 5X4 HPS 600W	LU600/XO/T/40	519610
<b>Optics: 6x3</b>		
PFE-400 6X3 HPS 250W	LU250/T/40	519603
PFE-400/6*3 MH 400W (HPS)	CMH400/TT/UVVC/U/830/E40	88043
<b>Optics: 6x4</b>		
PFE-400 6X4 HPS 400W	LU400/T/40	519607
PFE-400 6X4 HPS 600W	LU600/XO/T/40	519611
<b>Optics: 6x6</b>		
PFE-400 6X6 HPS 250W	LU250/T/40	519604
PFE-400/6*6 MH 250W (HPS)	CMH250/TT/UVVC/U/830/E40	88040
<b>Optics: 7x6</b>		
PFE-400 7X6 HPS 400W	LU400/T/40	519608
PFE-400/7*6 MH 400W (HPS)	CMH400/TT/UVVC/U/830/E40	88044
PFE-400 7X6 HPS 600W	LU600/XO/T/40	519612

Luminaire supplied without lamp

### PFE-400 Tunnel Lighting

Description	Lamp	Product code
PFE-400 SYM HPS 150W RC	LU150/100/40	519476
PFE-400 SYM HPS 100W RC	LU100/100/MO/T/40	519475
PFE-400 CBM HPS 250W RC	LU250/T/40	519471
PFE-400 CBM HPS 400W RC	LU400/T/40	519472
PFE-400 CBM HPS 100W	LU100/100/MO/T/40	519561

Luminaire supplied without lamp