



#### GENERAL CHARACTERISTICS

- Equivalent Power\*** 250, 400 W
- Power supply** 195–265 V<sub>AC</sub> 50/60 Hz 176–250 V<sub>DC</sub>
- Standard** EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN 62471 (Photobiological hazard)
- Protection grade** IP66 with ventilation valve, IK09
- Working temp.** -30 ÷ +60 °C (\*\*\*\*)
- Mounting** on the ground, wall, spotlight towers
- Housing** Die-cast aluminium RAL 7040 grey
- Louvre** Sheet metal with parabolic development in anti-iridescent, mirror finished, anodised aluminium, symmetrical
- Diffuser\*\*\*** Prismatic toughened glass 4 mm thick
- Driver** SELV electronic SD (cos  $\varphi \geq 0.97$ )  
Electronic with intelligent dimming
- MTBF Control gear\*\*** 100 000 h
- Luminous flux maintenance\*\*** >60 000 h (1 × 400 W) (L80B20)  
>70 000 h (1 × 250 W) (L80B20)
- Colour deviation** 3 SDCM

\* Equivalent power for comparison with metal halide fixtures  
 \*\* At environmental reference temperature of 25 °C  
 \*\*\* Available on request polycarbonate optic diffuser  
 \*\*\*\* At highest working temperature thermal protection may reduce the output power.

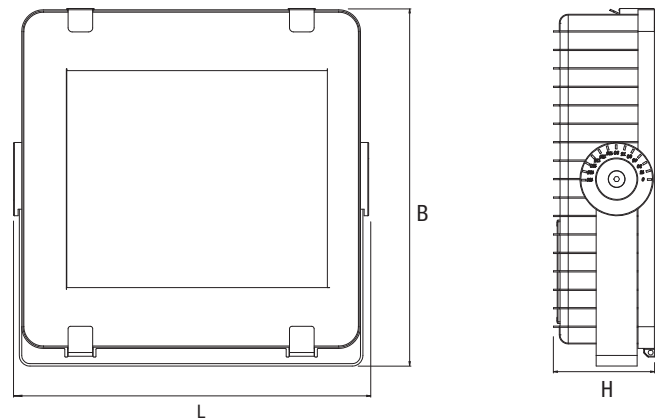
## F250/400 LED

### Floodlight

The F250/F400 LED is a fixture of the latest generation able to combine the advantages of the LED light source with state-of-the-art optic systems, as regards both performance and flexibility of application. The LED sources used, with very high efficiency, produce unprecedented lighting that allows the illumination of building façades or hardstands, even at considerable distance. The diffuser has an ample and uniform area of emission, allowing very low luminosity and therefore reduced glare with high visual comfort. The excellent mechanical characteristics (IP66-IK09) allow installation in outdoor settings even in extreme conditions, while the possibility of versions with a symmetrical or asymmetrical beam makes the fixture particularly versatile. The “square cut” design of the FH350 LED allows movements through 360°, on the axis of rotation of the goniometric bracket, thus enabling great flexibility of movement and mounting.

In the versions with intelligent dimming, to ensure maximum energy saving, self-adapting technology is used on the sensor integrated in the fixture, to automatically adjust the emission of light according to the reading of the natural light present on the work surface.

A LED INVERTER is also available which transforms the fixture into an emergency maintained fixture, to light a section of the LED source in the event of a black-out.



Power *	• Dimensions (mm) •			Weight max kg
	L	B	H	
250	438	434	121	8.8
400	438	434	121	8.8

### Accessories

supplied

Order code	Description
–	ANTI-VANDAL SCREWS
–	GONIOMETRIC BRACKET
418319000	CABLE GLAND M20 WITH VENTILATION VALVE

### Building automation

to be ordered separately

Order code	Description
20102	BUILDING AUTOMATION CENTRAL UNIT
20124	BUILDING AUTOMATION CENTRAL UNIT WIFI
20104	2 INPUT INTERFACE – RADIO TRANSMITTER
15022	BUILDING AUTOMATION RADIO MODULE
15024	DALI MODULE
15034	1-10V MODULE

### Accessories

supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

### Accessories

to be ordered separately

Order code	Description
12661	POST HEAD 2 × 60-76
12662	POST HEAD 4 × 60-76
12658	PROTECTIVE GRID



**GROUND MOUNTING**



**WALL MOUNTING**



**PROTECTIVE GRID**



**12658** PROTECTIVE GRID

**GONIOMETRIC BRACKET**



**SPECIAL VARIANTS: COLOUR TEMPERATURE ON REQUEST, COLOUR RENDERING ≥90**  
Contact the Beghelli sales network

**Efficiency and dimming**

The increase in luminous efficacy (lm/W) and the useful life of the device may vary significantly according to the degree to which it is dimmed. Assuming an average level of 50% of the luminous flux, the following results are obtained with the F250/400 LED:

- Dimming SD**                      **50 %**
- Device duration**                    **+40 %**
- Luminous efficiency**                **+10 %**

**POST MOUNTING**



**12661** POST HEAD 2x 60-76

*to be ordered separately*



**12662** POST HEAD 4x 60-76

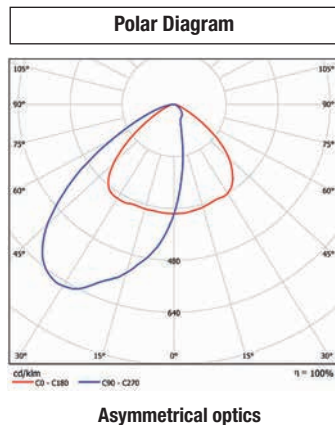
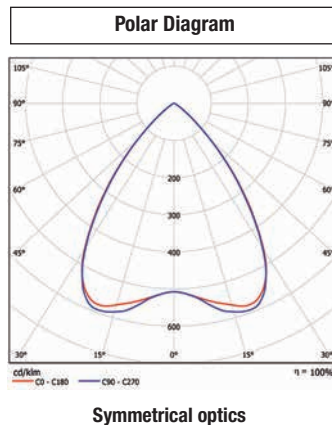
*to be ordered separately*

**EMERGENCY WITH LED INVERTER**

**TR**   **AT**   **LG**   **LGFM**

- 19377** INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V IP65 *to be ordered separately*
- 19368** INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V IP65 *to be ordered separately*
- 19355\*** INVERTER LED AT/LG 6W 55V 123H *to be ordered separately*
- 19372\*** INVERTER LED AT/LG 8W 55V 123H *to be ordered separately*
- 19390\*** INVERTER EXT AT/LG 15W 55V 0,75-1-2-3-8H LTO *to be ordered separately*
- 19391\*** INVERTER EXT AT/LG 15W 55V 0,75-1-2-3-8H Life *to be ordered separately*

\* IP65 cover (order code 19376) is needed for the installation LGFM Module 19375



**F250/400 LED**

SmartDriver **SD**

Power* W	Order code	Description	Optic	LED Power W	Colour Temp. K	Colour rendering	Power consumption max W	N°LEDs	Flux of LEDs lm (Tj=25°C)	Flux of fixture lm	lm/W	Energy Class	Packaging
250	<b>F250SSD</b>	PRO LED 250 SM SD 4000K	SYMMETRIC	110	4 000	>80	119	256	18 500	16 000	134	A++	1
400	<b>F400SSD</b>	PRO LED 400 SM SD 4000K	SYMMETRIC	216	4 000	>80	234	512	35 000	30 000	128	A++	1
250	<b>F250ASD</b>	PRO LED 250 AS SD 4000K	ASYMMETRIC	110	4 000	>80	119	256	18 500	16 000	134	A++	1
400	<b>F400ASD</b>	PRO LED 400 AS SD 4000K	ASYMMETRIC	216	4 000	>80	234	512	35 000	30 000	128	A++	1