



GENERAL CHARACTERISTICS

- Equivalent Power*** 250, 400 W
- Power supply** Universal Multi Voltage
93–265 V_{AC} 50/60 Hz 176–250 V_{DC}
- 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
- MTFB Control gear**** 100 000 h
- Luminous flux** >60 000 h (1 × 400 W) (L80B20)
- maintenance**** >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

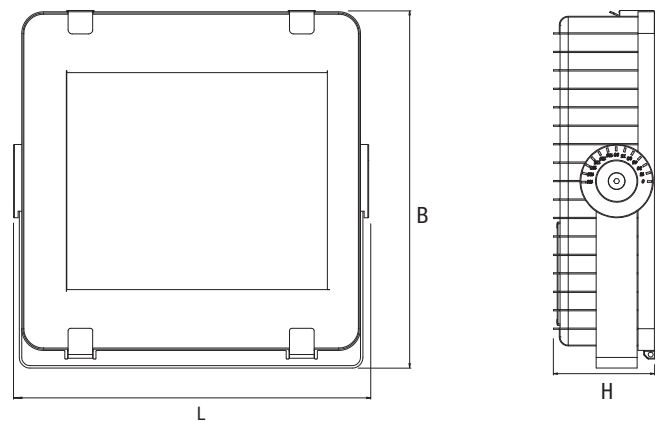
Floodlight

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 * W	• 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

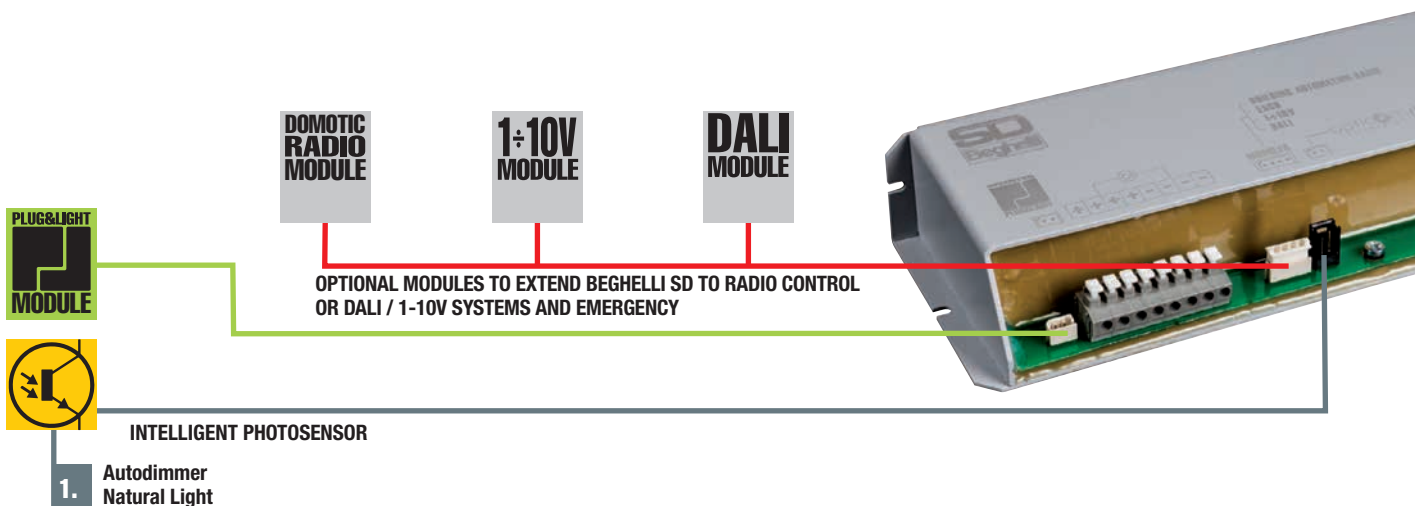
- 15039** OPTICOM PHOTOSENSOR

Accessories

to be ordered separately

Order code Description

- 12661** POST HEAD 2× 60-76
- 12662** POST HEAD 4× 60-76
- 12658** PROTECTIVE GRID



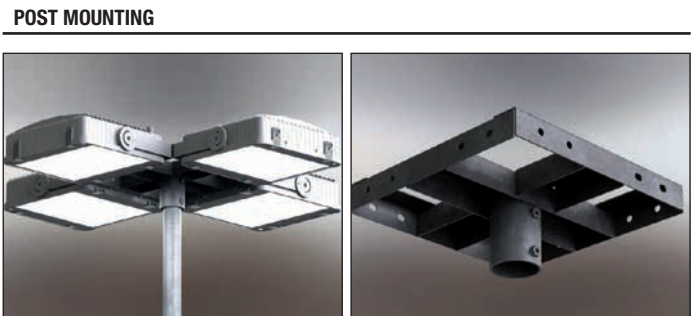
12658 PROTECTIVE GRID

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 %

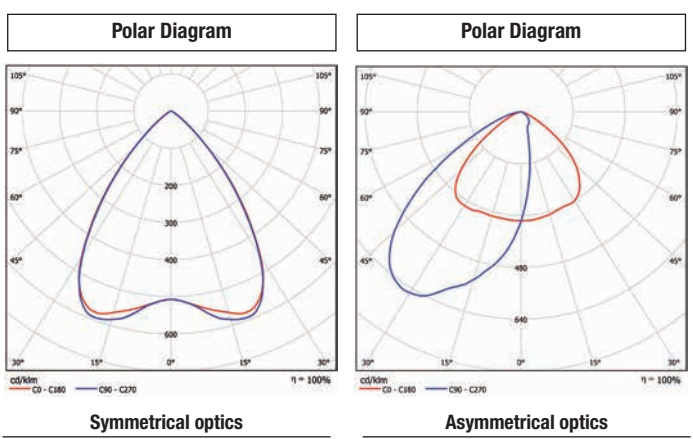


12661 POST HEAD 2x 60-76 *to be ordered separately*
12662 POST HEAD 4x 60-76 *to be ordered separately*

EMERGENCY WITH LED INVERTER

19368	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V IP65	<i>to be ordered separately</i>
19364	INV LED IP65 AT/LG 123H	<i>to be ordered separately</i>
19365	INV LED IP65 LGFM 123H	<i>to be ordered separately</i>
RA02***	AUTORIPARA INVERTER BATTERY 7.2V 1.7Ah	<i>to be ordered separately</i>

***Contact the Beghelli sales network for availability



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	F250SSD	PRO LED 250 SM SD 4000K	SYMMETRIC	110	4 000	>80	119	256	18 500	16 000	134	A++	1
400	F400SSD	PRO LED 400 SM SD 4000K	SYMMETRIC	216	4 000	>80	234	512	35 000	30 000	128	A++	1
250	F250ASD	PRO LED 250 AS SD 4000K	ASYMMETRIC	110	4 000	>80	119	256	18 500	16 000	134	A++	1
400	F400ASD	PRO LED 400 AS SD 4000K	ASYMMETRIC	216	4 000	>80	234	512	35 000	30 000	128	A++	1

FLOODLIGHT