

FH350 LED

Floodlight / Highbay



GENERAL CHARACTERISTICS

- Equivalent Power*** 350 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.** -20 ÷ +40 °C
- Mounting** on the ground, wall, spotlight towers
suspension
- 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
maintenance**** >70 000 h (L80B20)
- Colour deviation** 3 SDCM

* Equivalent power for comparison with metal halide fixtures

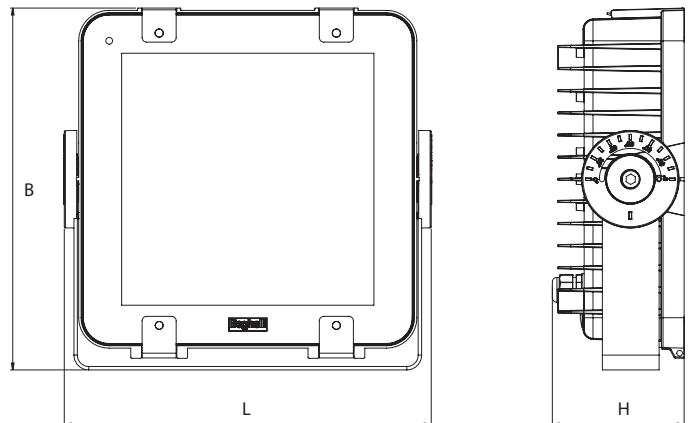
** At environmental reference temperature of 25 °C

FH 350 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.



Power *	• Dimensions (mm) •			Weight max. kg
	W	L	B	
350	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
12659	ELECTRIFIED RAIL FIXING BRACKET
12664	CEILING FIXING BRACKET
12661	POST HEAD 2× 60-76
12662	POST HEAD 4× 60-76
12663	FLOODLIGHT SUSPENSION CABLE
12658	PROTECTIVE GRID

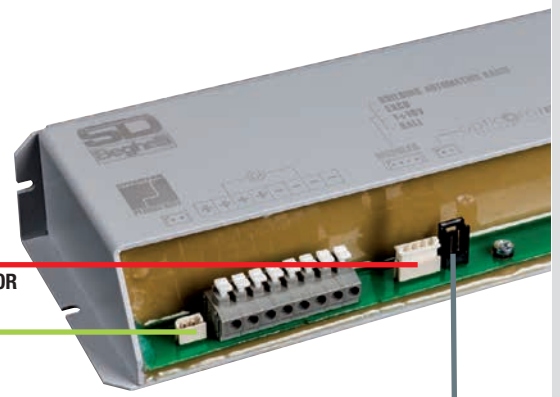


DOMOTIC
RADIO
MODULE

1÷10V
MODULE

DALI
MODULE

OPTIONAL MODULES TO EXTEND BEGHELLI SD TO RADIO CONTROL OR DALI / 1-10V SYSTEMS AND EMERGENCY



INTELLIGENT PHOTOSENSOR

1. Autodimmer Natural Light

GROUND MOUNTING



WALL MOUNTING



SUSPENDED MOUNTING



12663 *to be ordered separately*

PROTECTIVE GRID



12658 PROTECTIVE GRID

GONIOMETRIC BRACKET



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 FH350 LED:

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

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

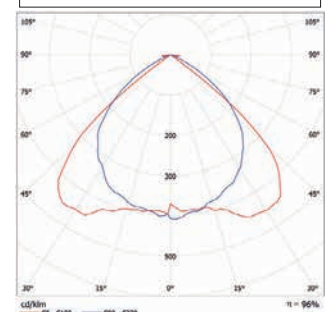
EMERGENCY WITH LED INVERTER

TR AT LG LGFM

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

***Contact the Beghelli sales network for availability

Polar Diagram



Wide symmetrical optics

FH350 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
350	FH350SD	PRO/RIF LED 350 SD 4K	DIF/SYM	157	4 000	>80	175	384	27 800	23 000	131	A++	1