



#### GENERAL CHARACTERISTICS

<b>Equivalent Power*</b>	350 W
<b>Power supply</b>	195–265 V <sub>AC</sub> 50/60 Hz 176–250 V <sub>DC</sub>
<b>Standard</b>	EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN 62471 (Photobiological hazard)
<b>Protection grade</b>	IP66 with ventilation valve, IK09
<b>Working temp.</b>	-30 ÷ +60 °C (****)
<b>Mounting</b>	on the ground, wall, spotlight towers suspension
<b>Housing</b>	Die-cast aluminium RAL 7040 grey
<b>Louvre</b>	Sheet metal with parabolic development in anti-iridescent, mirror finished, anodised aluminium, symmetrical
<b>Diffuser</b>	Prismatic toughened glass 4 mm thick
<b>Driver</b>	SELV electronic SD (cos $\varphi \geq 0.97$ ) Electronic with intelligent dimming
<b>MTBF Control gear**</b>	100 000 h
<b>Luminous flux maintenance**</b>	>70 000 h (L80B20)
<b>Colour deviation</b>	3 SDCM

\* Equivalent power for comparison with metal halide fixtures

\*\* At environmental reference temperature of 25 °C

\*\*\*\* At highest working temperature thermal protection may reduce the output power.

## FH350 LED

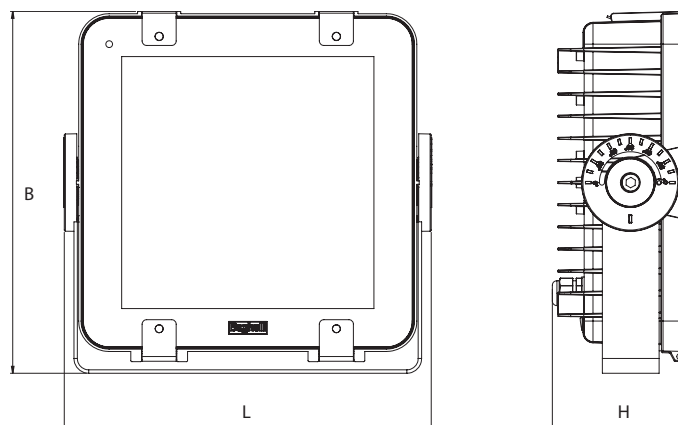
### Floodlight / Highbay

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	H	
350	438	434	121	8.8

## Accessories

supplied

Order code Description

– ANTI-VANDAL SCREWS

– GONIOMETRIC BRACKET

**418319000** CABLE GLAND M20 WITH VENTILATION VALVE

## Accessories

supplied

Order code Description

**15039** OPTICOM PHOTOSENSOR

## 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

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

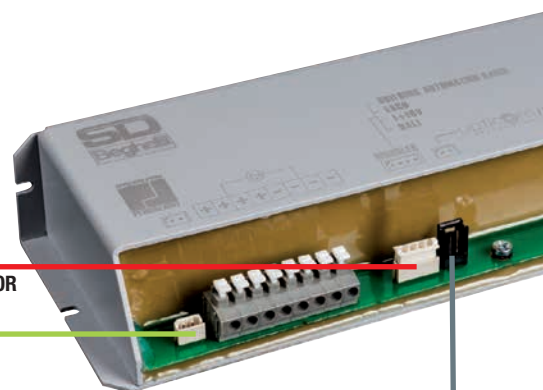


**DOMOTIC  
RADIO  
MODULE**

**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  $\geq 90$**   
Contact the Beghelli sales network

#### 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

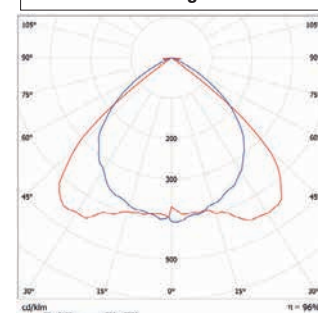
**19372\*** INVERTER LED AT/LG 8W 55V 123H to be ordered separately

**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

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