

F30/50/70 LED

Floodlight

The F30/50/70 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 environments even in extreme conditions.

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.

Floodlight with a controlled beam to optimize the management of the light emitted. Symmetrical and asymmetrical optics in a single fixture: the beam of light changes from asymmetrical to symmetrical by simply removing part of the optic.

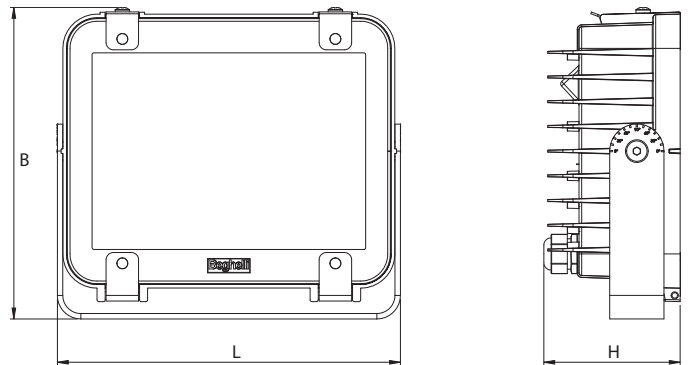
BUILDING AUTOMATION RADIO RECEIVER INTERFACE accessory available for remote switching on/off via radio.



GENERAL CHARACTERISTICS

- Equivalent Power*** 30, 50, 70 W
- Power supply** 230 V_{AC} ±10 % 50 Hz
- Standard** EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN 62471 (Photobiological hazard)
- Protection grade** IP66
- Working temp.** -20 ÷ +40 °C
- Mounting** on ground, wall
- Housing** Die-cast aluminium RAL 7040 grey
- Louvre** Sheet metal with parabolic development in anti-iridescent, mirror finished, anodised aluminium. Symmetrical Asymmetrical
- Diffuser** Prismatic toughened glass 4 mm thick
- Driver** SELV electronic ED (cos φ ≥ 0.90)
- MTFB control gear**** 65 000 h
- Luminous flux maintenance**** >50 000 h (F70) (L80B20) >60 000 h (F30-F50) (L80B20)
- Colour deviation** 3 SDCM

* Equivalent power for comparison with metal halide fixtures
 ** At environmental reference temperature of 25 °C



Power *	• Dimensions (mm) •			Weight max. kg
	W	L	H	
30	190	173	75.5	1.2
50	190	173	75.5	1.2
70	190	173	75.5	1.2

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

Accessories

supplied

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

Accessories

to be ordered separately

Order code	Description
20108	1 OUTPUT interface – radio receiver

GROUND MOUNTING



WALL MOUNTING



GONIOMETRIC BRACKET



supplied

INVERTER

EMERGENCY WITH LED INVERTER

TR AT LG LGFM

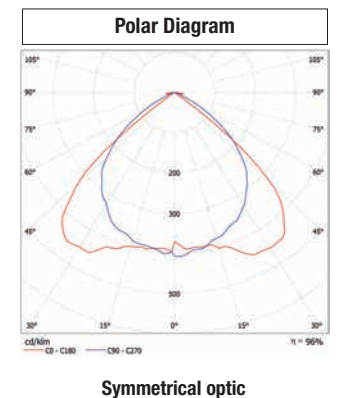
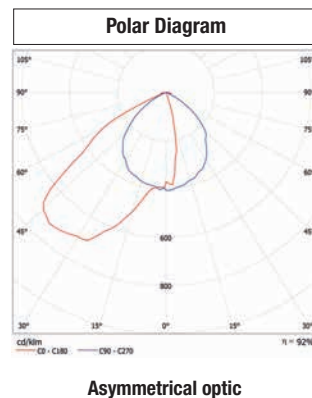
19368	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V IP65	to be ordered separately
19364	INV LED IP65 AT/LG 123H (addressable)	to be ordered separately
19365	INV LED IP65 LGFM 123H (addressable)	to be ordered separately

VERSION WITH ASYMMETRICAL OPTIC



Floodlight with divisible modules

The optic system has been created so as to obtain both a symmetrical and an asymmetrical beam. The light source can operate in symmetrical mode by removing part of the louvre.



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EcoDriver

Power* W	Order code	Description	Optic	LED Power W	Colour Temp. K	Colour rendering	Power consumption max. W	N°LEDs	Flux of LEDs lm (T _J =25°C)	Flux of fixture lm	lm/W	Energy Class	Packaging
30	F30LED	PRO LED 1x30W 4K	SYM / ASYM	15	4 000	>80	17	33	2 100	1 800	110	A++	1/8
50	F50LED	PRO LED 1x50W 4K	SYM / ASYM	23	4 000	>80	26	66	3 500	3 000	110	A++	1/8
70	F70LED	PRO LED 1x70W 4K	SYM / ASYM	33	4 000	>80	37	99	4 600	4 000	110	A++	1/8