

# WW135/170 LED

## Downlight – Wall washer



### GENERAL CHARACTERISTICS

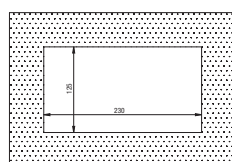
- Equivalent Power\*** 1× 35, 1× 70 W
- Power supply** 93–265 V<sub>AC</sub> 50/60 Hz  
176–250 V<sub>DC</sub>
- Standard** EN 60598-1, EN 60598-2-2,  
EN 60598-2-22 (fundamental requirements), EN 62471
- Protection grade** IP42
- Working temp.** -20 °C ÷ +40 °C
- Mounting** recessed in false ceilings
- Housing** Polyester powder coated die-cast aluminium RAL 9003
- Diffuser** Tempered glass 3 mm thick
- Driver** SELV electronic SD (cos  $\varphi \geq 0.96$ )  
Electronic with intelligent dimming
- MTBF Control gear\*\*** 80 000 h
- Luminous flux** >50 000 h (1× 70) (L80B20)
- maintenance\*\*** >60 000 h (1× 35) (L80B20)
- Colour deviation** 3 SDCM

\* Equivalent power for comparison with fluorescent tube fixtures

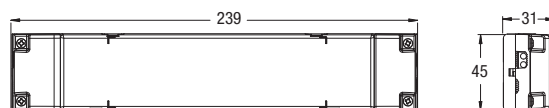
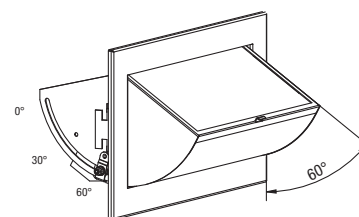
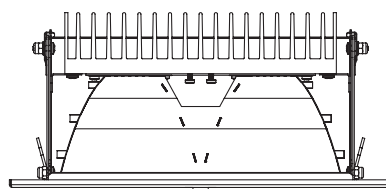
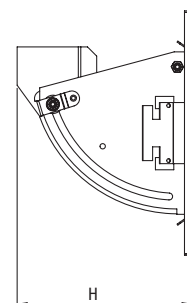
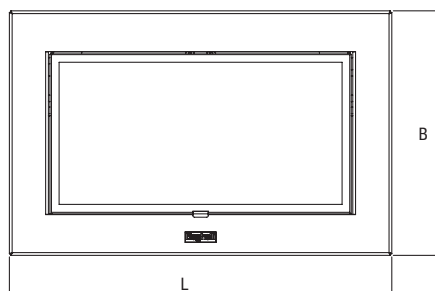
\*\* At environmental reference temperature of 25 °C

Downlight for vertical surfaces. The optics allow maximized wall illumination while maintaining excellent anti-glare characteristics thanks to the microprismatic diffuser. The louvre can be oriented on an axis. The control gear is independent of the fixture and is supplied already wired to the optical compartment, complete with cable ties.

The particular diffusion of the heat of products with LED sources considerably reduces the overheating of the illuminated surfaces, thus ensuring greater environmental comfort and less impact on the illuminated objects. Together with the substantial absence of UV radiation, these features make the product particularly suitable for exhibition areas, both in retail outlets and in museums. **Due to this particular feature it does not offer dimming with an AutoDimmer Sensor.** An additional accessory is available for lighting the LED source of the device in the event of a black-out.



Recess hole



Electronic control gear

## 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

Power * W	• Dimensions (mm) •			Beam width	Weight max kg
	L	B	H		
1× 35	250	160	114	39°	1.6
1× 70	250	160	114	39°	1.6

**DOMOTIC  
RADIO  
MODULE**

**1÷10V  
MODULE**

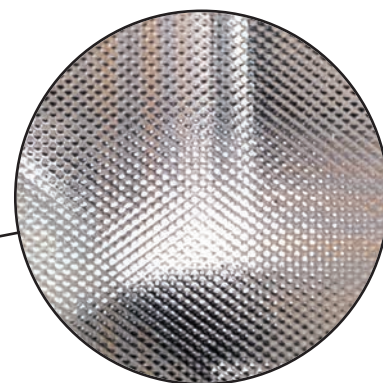
**DALI  
MODULE**

**PLUG&LIGHT  
MODULE**

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



Prismatic diffuser glass with high transmittance allowing the reduction of glare while keeping the lighting efficiency unchanged.



DOWNLIGHT

### 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 WW135/170 LED:

**Dimming  50 %**  
**Device duration +40 %**  
**Luminous efficiency +15 %**

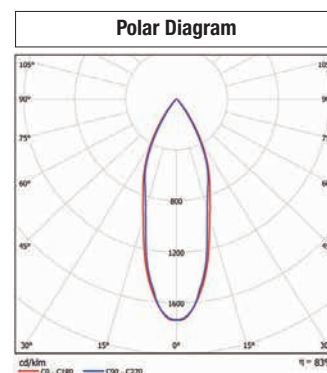
**SPECIAL VARIANTS: COLOUR TEMPERATURE ON REQUEST, COLOUR RENDERING ≥90**  
 Contact the Beghelli sales network

### EMERGENCY WITH LED INVERTER

**TR AT LG LGFM**

<b>INVERTER</b>	 <b>19358</b> INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V <i>to be ordered separately</i>
	 <b>19359</b> INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V <i>to be ordered separately</i>
	<b>19355*</b> INVERTER LED AT/LG 6W 55V 123H <i>to be ordered separately</i>
	<b>19372*</b> INVERTER LED AT/LG 8W 55V 123H <i>to be ordered separately</i>
	 <b>19390*</b> INVERTER EXT AT/LG 15W 55V 0,75-1-2-3-8H LTO <i>to be ordered separately</i>
	 <b>19391*</b> INVERTER EXT AT/LG 15W 55V 0,75-1-2-3-8H LiFe <i>to be ordered separately</i>

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



## WW135/170 LED

SmartDriver 

Power* W	Order code	Description	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
1× 35	<b>WW135SD</b>	WW LED 1x35 OR INC SD 3K	18	3 000	>80	23	72	2 700	2 250	100	A++	1
1× 70	<b>WW170SD</b>	WW LED 1x70 OR INC SD 3K	40	3 000	>80	45	72	4 900	4 000	90	A++	1