



GENERAL CHARACTERISTICS

**Equivalent Power\*** 1x35, 1x70 W

**Power supply** Universal Multi Voltage 93÷265Vac  
50÷60Hz 176÷250Vdc

**Standard** EN 60598-1, EN 60598-2-2,  
EN 60598-2-22 (fundamental requirements), EN 62471

**Protection grade** IP42

**Working temp.** -20 ÷ +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  $\phi \geq 0.96$ )  
Electronic with intelligent dimming

**MTBF Control gear\*\*** 80.000h

**Luminous flux** >50.000h (1x150) (L80B20)

**maintenance\*\*** >60.000h (1x70) (L80B20)

**Colour deviation** 3 SDCM

\* Equivalent power for comparison with metal halide fixtures

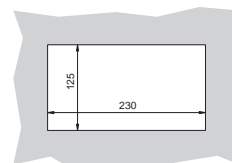
\*\* At a reference working temperature of 25°C

# WW135/170 LED

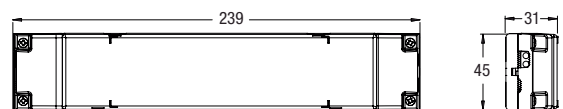
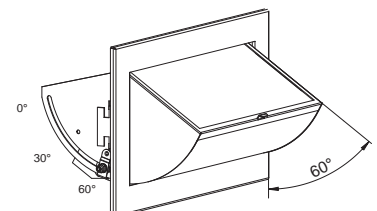
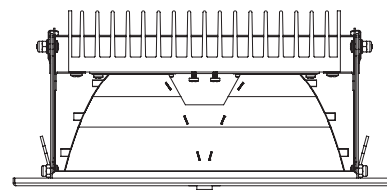
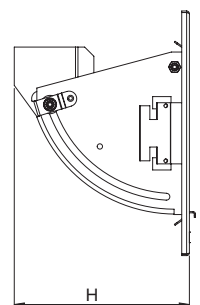
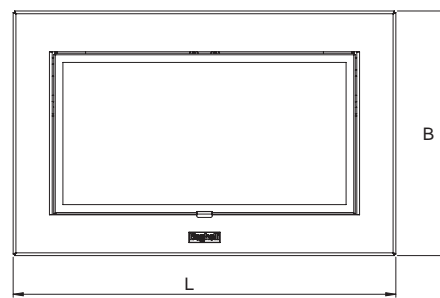
Downlight - wall washer

Downlight for vertical surfaces. The optics allow maximized wall illumination while maintaining excellent anti-glare characteristics thanks to the micropismatic 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		
1x35	250	160	114	39°	1.6
1x70	250	160	114	39°	1.6

**DOMOTIC RADIO MODULE**

**1÷10V MODULE**

**DALI MODULE**

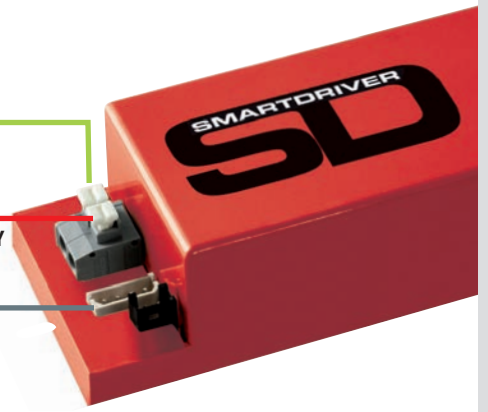
**PLUG&LIGHT MODULE**

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

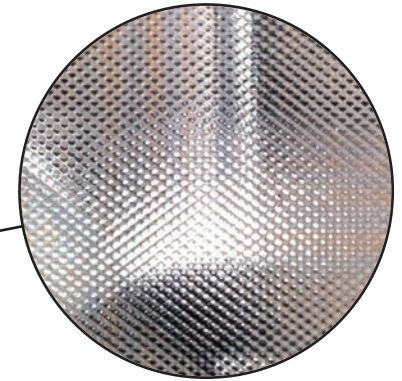


**INTELLIGENT PHOTOSENSOR**

1. **Autodimmer Natural Light**
2. **Autodimmer Dynamic Light**
3. **opticom TECHNOLOGY Smartphone Interface to control and set up system**



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



DOWNLIGHT

### Efficiency and dimming

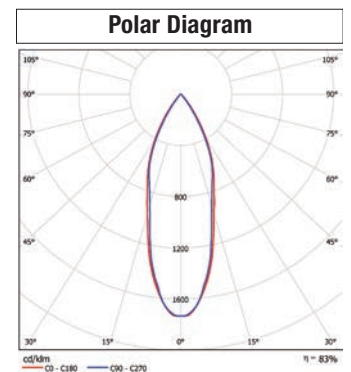
The increase in luminous efficacy (lm/W) and the useful life of the device may vary significantly according to the degree to which it is dimmed. Assuming an average level of 50% of the luminous flux, the following results are obtained with the WW135/170 LED.

<b>Dimming SD</b>	<b>50%</b>
<b>Device duration</b>	<b>+40%</b>
<b>Luminous efficiency</b>	<b>+15%</b>

**SPECIAL VARIANTS: COLOUR RENDERING  $\geq 90$  - COLOUR TEMPERATURE ON REQUEST, Contact the Beghelli sales network**

INVERTER	EMERGENCY WITH LED INVERTER		TR	AT	LG	LGFM
		<b>19358</b> INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V	to be ordered separately			
		<b>19359</b> INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V	to be ordered separately			
		<b>19364</b> INV LED IP65 AT/LG 123H (addressable)	to be ordered separately			
		<b>19365</b> INV LED IP65 AT/LG 123H (addressable)	to be ordered separately			
	<b>RA02***</b> AUTORIPARA INVERTER BATTERY 7.2V 1.7Ah	to be ordered separately				

\*\*\*Contact the Beghelli sales network for availability



## WW135/170 LED

SmartDriver **SD**

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption Max W	N° LEDs	Flux of LEDs Im (Tj=25°C)	Flux of fixture Im	Luminous efficiency lm/W	Energy Class	Packaging
1x35	<b>WW135SD</b>	WW LED 1x35 OR INC SD 3K	18	3000	>80	23	72	2700	2250	100	A++	1
1x70	<b>WW170SD</b>	WW LED 1x70 OR INC SD 3K	40	3000	>80	45	72	4900	4000	90	A++	1