

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 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.

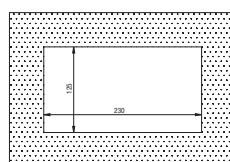


GENERAL CHARACTERISTICS

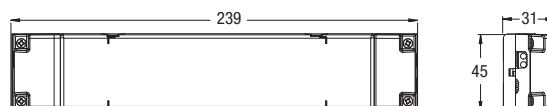
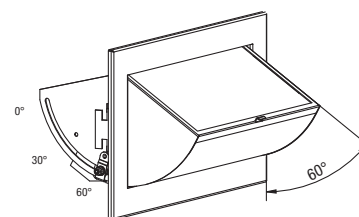
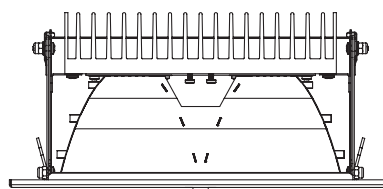
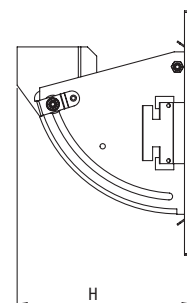
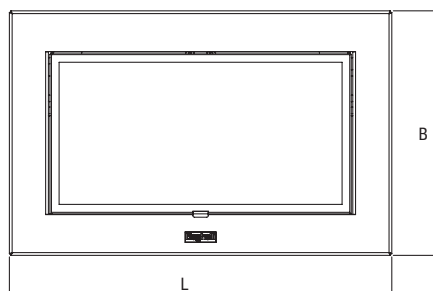
- Equivalent Power*** 1× 35, 1× 70 W
- Power supply** Universal Multi Voltage
93–265 V_{AC} 50/60 Hz
176–250 V_{DC}
- Standard** EN 60598-1, EN 60598-2-2,
EN 60598-2-22 (fundamental
requirements), EN 62471
- Protection grade** IP42
- Working temp.** -20 °C ÷ +40 °C
- Mounting** recessed in false ceilings
- Housing** Polyester powder coated die-cast
aluminium RAL 9003
- Diffuser** Tempered glass 3 mm thick
- Driver** SELV electronic SD (cos $\phi \geq 0.96$)
Electronic with intelligent dimming
- MTFB Control gear**** 80 000 h
- Luminous flux** >50 000 h (1× 150) (L80B20)
- maintenance**** >60 000 h (1× 70) (L80B20)
- Colour deviation** 3 SDCM

* Equivalent power for comparison with fluorescent tube fixtures

** At environmental reference temperature of 25 °C



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 *	• 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**

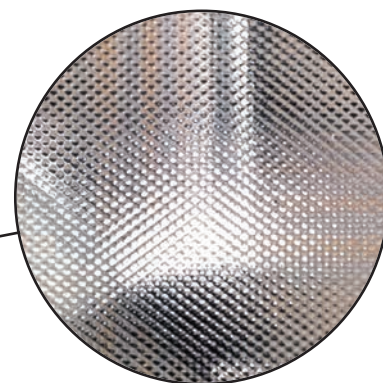
**DALI
MODULE**

**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

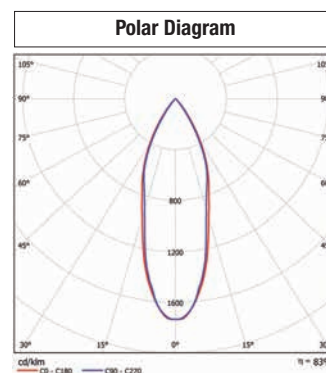
Efficiency and dimming

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 SD 50 %
Device duration +40 %
Luminous efficiency +15 %

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

INVERTER	EMERGENCY WITH LED INVERTER		TR	AT	LG	LGFM
		19358	INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V	to be ordered separately		
		19359	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V	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		



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SmartDriver **SD**

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	WW135SD	WW LED 1x35 OR INC SD 3K	18	3 000	>80	23	72	2 700	2 250	100	A++	1
1× 70	WW170SD	WW LED 1x70 OR INC SD 3K	40	3 000	>80	45	72	4 900	4 000	90	A++	1