



### GENERAL CHARACTERISTICS

- Equivalent Power\*** 1 × 70, 1 × 150 W
- Power supply** Universal Multi Voltage  
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** IP20
- Working temp.** -20 °C ÷ +40 °C
- Mounting** recessed, ceiling
- Housing** Die-cast aluminium white RAL 9003
- Optic** sheet metal parabolic
- Driver** SELV electronic SD (cos φ ≥ 0.96)  
Electronic with intelligent dimming
- MTFB Control gear\*\*** 80 000 h
- Luminous flux maintenance\*\*** >70 000 h (L80B20)
- Colour deviation** 3 SDCM

\* Equivalent power for comparison with fluorescent tube fixtures  
\*\* At environmental reference temperature of 25 °C

## D170/1150 LED

### Downlight

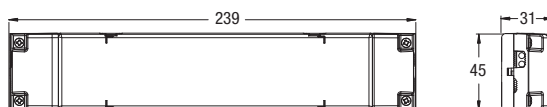
This revolutionary Downlight range sprang from the need to optimize lighting on the ground while reducing glare as much as possible. The patented optical system consists of a primary louvre with very high reflectance and a secondary louvre for controlling glare, so it is also suitable in the presence of video terminals. 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.

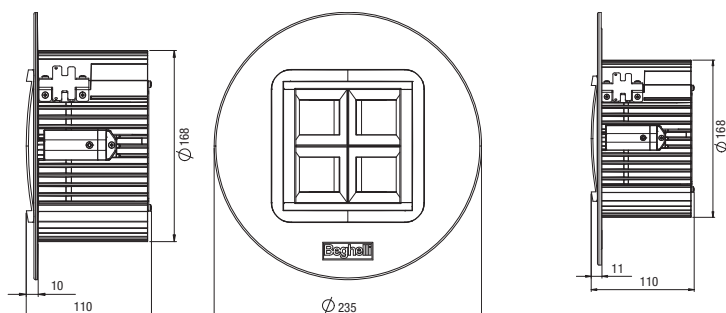
An additional accessory is available for lighting the LED source of the device in the event of a black-out.



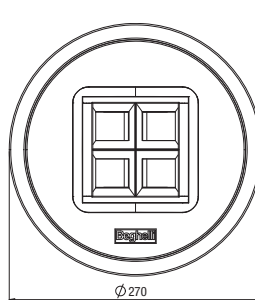
Power* W	Mounting	Weight kg
150/70	Recessed	1.9
150/70	Ceiling	3.2
150/70	Recessed with ring	2.2



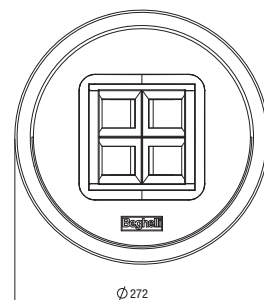
Electronic control gear



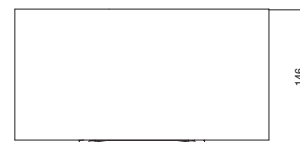
recessed version for holes  
from 170 to 200 mm



recessed version with adapter ring for holes  
from 200 to 240 mm



ceiling version



### Accessories

supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

### Accessories

to be ordered separately

Order code	Description
20090	ADAPTER RING 240 DWL LED
20091	CEILING ACCESSORY DWL LED
20098	WIDE DIFFUSER DWL/RL08 LED

### 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

**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



**INTELLIGENT PHOTOSENSOR**

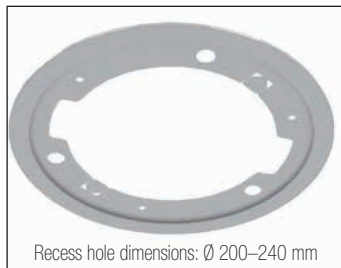
- 1.** Autodimmer Natural Light
- 2.** Autodimmer Dynamic Light
- 3.** opticom TECHNOLOGY Smartphone Interface to control and set up system

**WIDE DIFFUSER**



**20098** to be ordered separately

**ADAPTER RING**

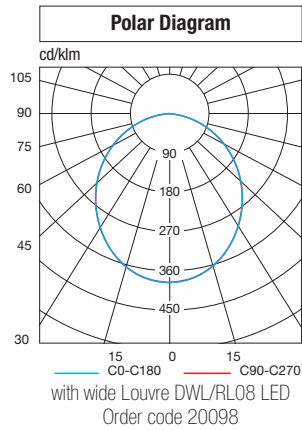
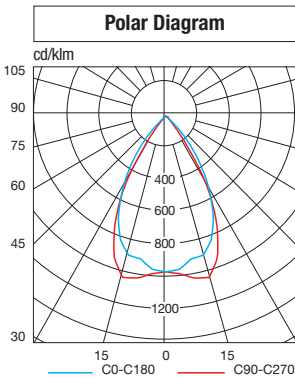


**20090** to be ordered separately

**CEILING MOUNTING**



**20091** to be ordered separately



**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 D170/1150 LED:

- Dimming SD** 50 %
- Device duration** +40 %
- Luminous efficiency** +20 %

INVERTER	<b>EMERGENCY WITH LED INVERTER</b>		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 LGFM 123H (addressable)	to be ordered separately			

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

**D170/1150 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 lm (Tj=25°C)	Flux of fixture lm	lm/W	Energy Class	Packaging
70	<b>D170SD</b>	DWL SPOT LED 1x70 INC SD 3K	38	3 000	>80	43	48	4 900	4 000	93	A++	1
150	<b>D1150SD</b>	DWL SPOT LED 1x150 INC SD 3K	47	3 000	>80	52	24	6 700	5 500	106	A++	1

\* Indicative power for comparison with fluorescent tube fixtures