

FUNZIONE³ LED

Downlight

Luminaire with different beam solutions integrated. Funzione³ LED has a patented way to change optic thanks of PMMA screen able to rotate and change the lens configuration. Three solution / position are available to get three different light beam to satisfy the most important optic requirements.

Wide symmetric beam (UGR < 25)

Concentrating beam – Dark light (UGR < 19)

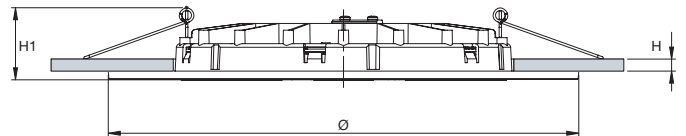
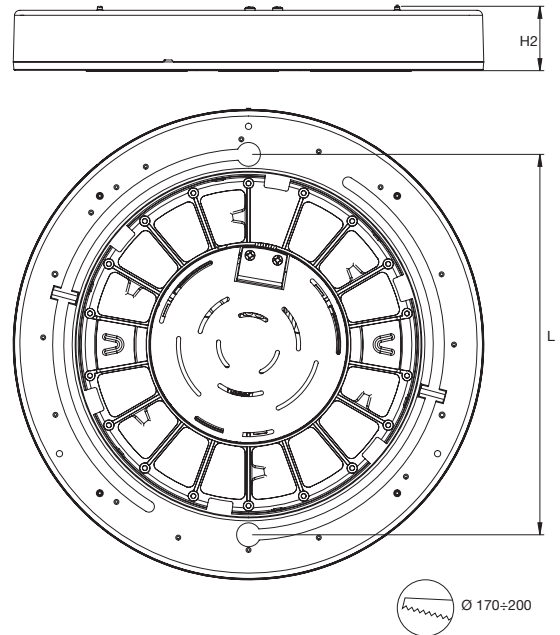
Wall washer beam to vertical light up like walls, shelves, objects.

Funzione³ LED is an high technology fixture to meet the most important needs in a easy and elegant way.

Available in SD and ED versions. It can be installed recessed or mounted to the ceiling with special accessory for ceiling mounting.



Ceiling Frame



• Dimensions (mm) •						Weight
Ø	Ø1	H	H1	L	H2	kg
235	170÷200	6÷25	36	190	32	0.5



GENERAL CHARACTERISTICS

Equivalent Power* 2x 26 W, 1x 70 W

Power supply SD Version:

93–265 V_{AC} 50/60 Hz
176–250 V_{DC} (cos φ ≥ 0,96)

ED Version:

230 V_{AC} ±10 % 50 Hz (cos φ ≥ 0,90)

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

Protection grade IP40

Working temp. -20 ÷ +40 °C

Mounting Recessed, ceiling

Body Polycarbonate, RAL 9003

Optic PMMA lenses

UGR < 19, < 25

MTBF Control gear** 70 000 h

Luminous flux maintenance** >70 000 h (1x 150) (L80B20)

Colour deviation 3 SDCM

* Equivalent power for comparison with fluorescent fixture

** At environmental reference temperature of 25 °C

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

EMERGENCY WITH LED INVERTER ONLY FOR SD

TR

	19367	INVERTER PLUG&LIGHT LED SE/SA 1H 60–180V	to be ordered separately
	19371	INVERTER PLUG&LIGHT LED SE/SA 3H 60–180V	to be ordered separately

INVERTER

Accessories

to be ordered separately

Order code	Description
20129	CEILING FRAME (supplied in ED)
20128	SUSPENSION 3 wires

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**

SUSPENDED



- 20129** CEILING FRAME (supplied in ED)
- 20128** SUSPENSION 3 WIRES

RECESSED MOUNTING



CEILING FRAME



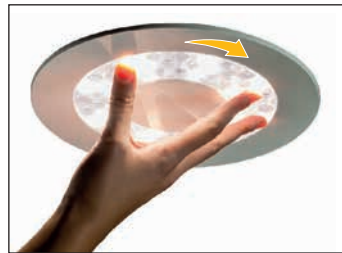
- 20129** CEILING FRAME

CCT Switch: nine different luminaires, all-in-one

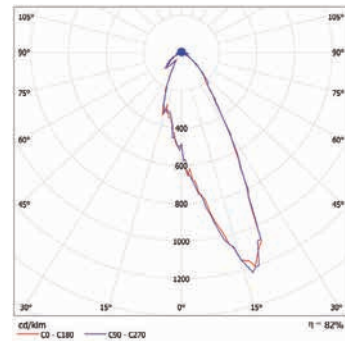
Multilens LED in the Multicolor version offers the highest versatility; a single luminaire supplied with 3 different optics to provide different light beams both in light distribution and in colour temperature:

- 3000K**
- 4000K**
- 6000K**

WALL WASHER ASYMMETRIC LENS



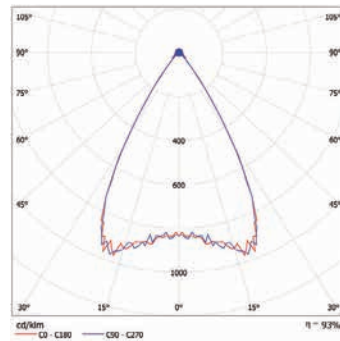
Polar diagram



CONCENTRATING SYMMETRIC LENS UGR <19



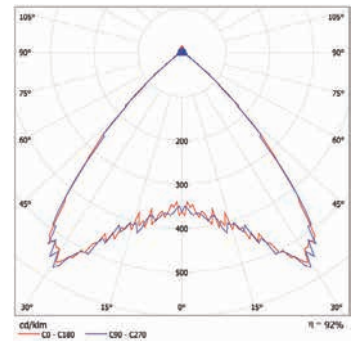
Polar diagram



WIDE SYMMETRIC LENS UGR <25



Polar diagram



FUNZIONE³ LED

SmartDriver **SD** opticom

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max W	N°LEDs	Flux of LEDs lm (Tj=85 °C)	Flux of*** fixture lm	lm/W	Energy Class	Packaging
** 2x 26	226SD4	FUNZIONE3 226 SD 4000K CRI90	12	4 000	>90	13.5	24	1 900	1 500	111	A++	1
1x 70	170SD3	FUNZIONE3 170 SD 3000K CRI90	22	3 000	>90	24	24	3 400	2 700	113	A++	1

FUNZIONE³ LED

Eco Driver **ED**

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max W	N°LEDs	Flux of LEDs lm (Tj=85 °C)	Flux of*** fixture lm	lm/W	Energy Class	Packaging
** 2x 26	226ED4	FUNZIONE3 226 ED 4000K CRI90	12	4 000	>90	13.5	24	1 900	1 500	111	A++	1
1x 70	170ED3	FUNZIONE3 170 ED 3000K CRI90	22	3 000	>90	24	24	3 400	2 700	113	A++	1

FUNZIONE³ LED

CCT Switch – Eco Driver **ED**

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption max W	N°LEDs	Flux of LEDs lm (Tj=85 °C)	Flux of*** fixture lm	lm/W	Energy Class	Packaging
** 2x 26	226EDMC	FUNZIONE3 226 ED MULTICOLOR CRI90	12	3 000, 4 000, 6 000	>90	13.5	24	1 900	1 500	111	A++	1
1x 70	170EDMC	FUNZIONE3 170 ED MULTICOLOR CRI90	22	3 000, 4 000, 6 000	>90	24	24	3 400	2 700	113	A++	1

** Product in single insulating *** The Fixture Flux is referred to the product setted on symmetric lens