

Arietis LED

Recessed and ceiling LED luminaire

Arietis LED is a luminaire for universal recessed mounting into ceiling modules M600 and plaster ceilings and for ceiling mounting. Its body is made of a steel sheet finished by powder technology varnishing, colour white RAL 9003, with diffuser with microprismatic optics. The degree of protection is IP65.

It fits perfectly in hospitals, laboratories, precincts with high humidity and dustiness, precincts demanding high sanitary codes, operating theaters.



GENERAL CHARACTERISTICS

Equivalent Power* 4x 14 W

Power supply SD Version: 93–265 V_{AC} 50/60 Hz
176–250 V_{DC}

ED Version: 230 V_{AC} ±10 % 50 Hz

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

Protection grade IP65

Working temp. -20 °C ÷ +40 °C

Mounting Universal recessed mounting into ceiling modules M600 and plaster ceilings (holders are components of the luminaire), ceiling mounting

Body Steel sheet finished by powder technology varnishing, white color, RAL 9003

Optic microprismatic

Driver SD Version:
SmartDriver (cos φ ≥ 0.96)
ED Version:
Eco Driver (cos φ ≥ 0.95)

MTBF Control gear SD Version:** 80 000 h
ED Version: 70 000 h

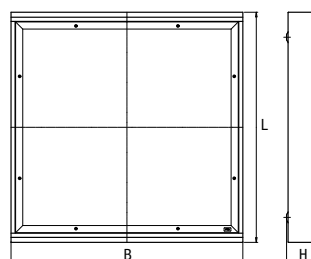
Luminous flux maintenance** >50 000 h (L90B10)

Colour deviation 3 SDCM

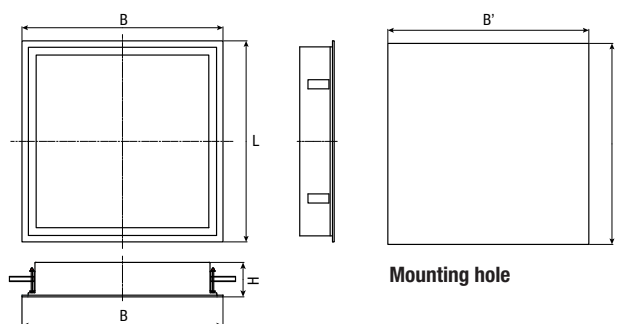
* Equivalent power for comparison with fluorescent tube fixtures

** At environmental reference temperature of 25 °C

Ceiling version



Recessed version



Version	• Dimensions (mm) •			Cut out hole		Weight kg
	L	B	H	L'	B'	
ceiling	677	682	96	–	–	6.0
recessed	595	595	112	565	565	5.5

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

Building automation to be ordered separately

Order code Description

20102 BUILDING AUTOMATION CENTRAL UNIT

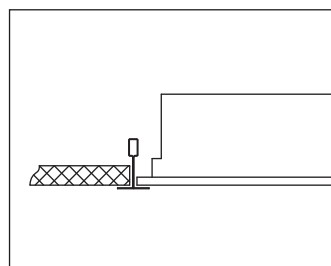
20124 BUILDING AUTOMATION CENTRAL UNIT WIFI

20104 2 INPUT INTERFACE – RADIO TRANSMITTER

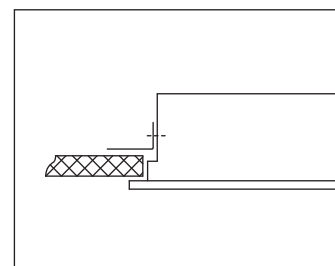
15022 BUILDING AUTOMATION RADIO MODULE

15024 DALI MODULE

15034 1-10V MODULE



MOUNTING INTO PLASTER CEILING



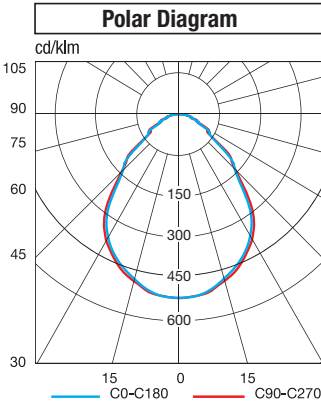
MOUNTING INTO CEILING MODULE M600

**DOMOTIC
RADIO
MODULE**

**1÷10V
MODULE**

**DALI
MODULE**

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



EMERGENCY WITH LED INVERTER

Luminaires equipped with inverter must be ordered from the production as a whole package:

Code extension:

- /PL1 (inv. 19358)
- /PL3 (inv. 19359)
- /LGL (inv. 19355)
- /LGLF (inv. 19356)
- /LGLN (inv. 19372)

INVERTER

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 Arietis LED:

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

Arietis LED

SmartDriver **SD**

Power* W	Order code	Mounting	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	lm/W	Energy Class	Packaging
4× 14	A36-10150CWSD	recessed M600	Arietis LED IP65 SD	39	4 000	>80	42	352	5 400	4 700	112	A+	1
4× 14	A31-10117CWSD	ceiling	Arietis LED IP65 SD	39	4 000	>80	42	352	5 400	4 700	112	A+	1

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Eco Driver **ED**

Power* W	Order code	Mounting	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	lm/W	Energy Class	Packaging
4× 14	36-999/414/NW	recessed M600	Arietis LED IP65 ED	39	4 000	>80	42	352	5 400	4 700	112	A+	1
4× 14	A31-10117CWED	ceiling	Arietis LED IP65 ED	39	4 000	>80	42	352	5 400	4 700	112	A+	1

* Indicative power just for fluorescent fixtures comparison purpose
On request: M – frosted acrylic diffuser