



#### GENERAL CHARACTERISTICS

- Equivalent Power\*** 2x 36
- Power supply** **SD Version:** 93–265 V<sub>AC</sub> 50/60 Hz  
176–250 V<sub>DC</sub>  
**ED Version:** 230 V<sub>AC</sub> ±10 % 50 Hz
- Standard** EN 60598-1, EN 60598-2-1,  
EN 60598-2-22 (fundamental require-  
ments), EN 62471 (photobiological  
hazard)
- Protection grade** IP20
- Working temp.** -20 °C ÷ +40 °C
- Mounting** separate mounting on a ceiling or  
suspension
- Body** steel sheet finished with powder  
technology varnishing, white  
structured colour RAL 9010
- Driver** **SD Version:** SmartDriver (cos φ ≥ 0.96)  
**ED Version:** Eco Driver (cos φ ≥ 0.95)
- MTBF** 65 000 h
- control gear\*\***
- Luminous flux** >60 000 h (L80B20)
- maintenance\*\***
- Colour deviation** 3 SDCM

\* Equivalent power for comparison with fluorescent tube fixtures

\*\* At environmental reference temperature of 25 °C

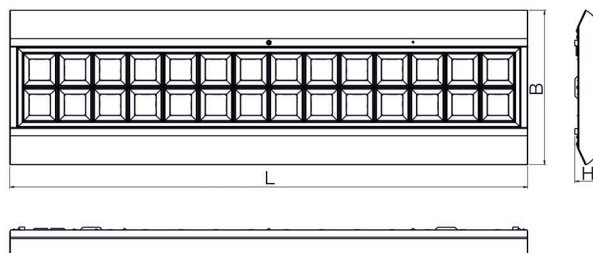
## Avior LED

### Ceiling and suspended LED luminaire

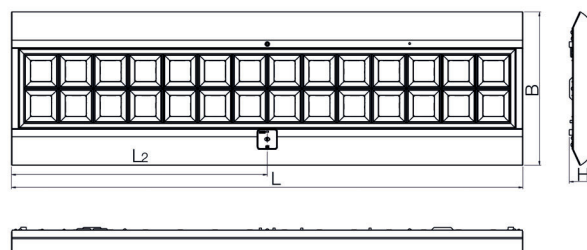
Avior LED is a LED luminaire designed for ceiling and suspended mounting. Housing is made of a steel sheet finished with powder technology varnishing, white structured colour with highly polished parabolic louvre. The luminaire is suitable for offices, corridors and stairways, shops, lecture halls. Available with module LED and emergency LED inverter. The luminaire meets UGR value <19.



#### Version A72-10340



#### Version A72-10345 - module MLED



W	• Dimensions (mm) •					Weight kg
	L	L2	B	H		
2x 36	934	467	225	35	2.8	

#### 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 Canes LED:

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

## Building automation **SD** 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

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

## Accessories **SD** supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

## Accessories to be ordered separately

Order code	Description
99-0333	WIRE PENDANT WITHOUT POWER CABLE (120 cm)
99-0334	WIRE PENDANT WITH 3x 1.5 mm <sup>2</sup> POWER CABLE (120 cm)
99-0335	WIRE PENDANT WITH 5x 1.5 mm <sup>2</sup> POWER CABLE (120 cm)
99-0336	WIRE PENDANT WITH 7x 1.5 mm <sup>2</sup> POWER CABLE (120 cm)

**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**  
TECHNOLOGYSmartphone Interface  
to control and set up system

CEILING AND SUSPENDED

## Version with Module LED only for version A72-10345

Code extension	Order code	Description
/ERM	19350	MODULE EM ECO LED SE 1N RM
/ERD	19351	MODULE EM ECO LED SE 3N RM
/EAT	19341	EM LED MODULE AT SE 1N 1H
/ELG	19342	EM LED MODULE LG SE/SA 1/3H
/ELGF	19343	EM LED MODULE LGFM SE/SA 1/3H
/S230	31040	SICURO 230
/S24	32042	SICURO 24V
/ATT	37087	AT TITANAT
/LGT	37088	LG TITANAT
/LGFT	37089	LGFM TITANAT

Example of code with Module LED 19350: A72-10345CSD/ERM

### EMERGENCY WITH LED INVERTER

**TR AT LG LGFM**

INVERTER	Order code	Description	Notes
	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
	19355	INVERTER LED AT/LG 6W 55V 123H	to be ordered separately
	19356	INVERTER LED LGFM 6W 55V 123H	to be ordered separately
	19372	INVERTER LED AT/LG 8W 55V 123H	to be ordered separately

For SD version: 19358, 19359

For ED version: 19355, 19356, 19372

Note: Inverters have to be factory assembled into the luminaire. Basic body doesn't have an opening for indicative emergency LED.

### VERSION A72-10345 - MLED module



## Avior 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	lm/W	Energy Class	Packaging
2x 36	<b>A72-10340CSD</b>	AVIOR LED 2x36 SD 4000K	30	4 000	>80	35	140	5 900	5000	143	A+	1
2x 36	<b>A72-10345CSD/ERM</b>	AVIOR LED 2x36 SD MLED 4000K	30	4 000	>80	35	140	5 900	5000	143	A+	1

## Avior 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 Im (Tj=25°C)	Flux of fixture Im	lm/W	Energy Class	Packaging
2x 36	<b>A72-10340CED</b>	AVIOR LED 2x36 4000K	32	4 000	>80	37	140	6 200	5300	143	A+	1
2x 36	<b>A72-10345CED/ERM</b>	AVIOR LED 2x36 MLED 4000K	32	4 000	>80	37	140	6 200	5300	143	A+	1