



#### GENERAL CHARACTERISTICS

- Equivalent Power\*** 4x18 W
- Power supply** **SD version:** Universal Multi Voltage  
93÷265Vac 50÷60Hz  
176÷250Vdc  
**Traditional driver version:**  
230Vac ±10% 50 Hz
- Standard** EN 60598-1, EN 60598-2-2,  
EN 60598-2-22  
(fundamental requirements),  
EN 62471 (photobiological hazard)
- Protection grade** IP20, IP54
- Working temp.** -20 ÷ +40°C
- Mounting** recessed, slats, plasterboards, ceiling
- Housing** galvanised Sheet steel painted with  
polyester powders RAL 9003
- Optic** sheet metal Dark light type
- UGR** <19
- Luminance** 65° <1000cd/mq
- Driver** SELV electronic SD (cos φ ≥ 0.96)  
Electronic with intelligent dimming
- MTBF Control gear\*\*** 80.000h
- Luminous flux maintenance\*\*** >60.000h (L80B20)
- Colour deviation** 3 SDCM

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

**SPECIAL VARIANTS: COLOUR RENDERING ≥90 - COLOUR TEMPERATURE ON REQUEST, SICURO 24 SLGS Contact the Beghelli sales network**

### Accessories supplied

Order code	Description
15039	OPTICOM PHOTOSENSOR

### 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

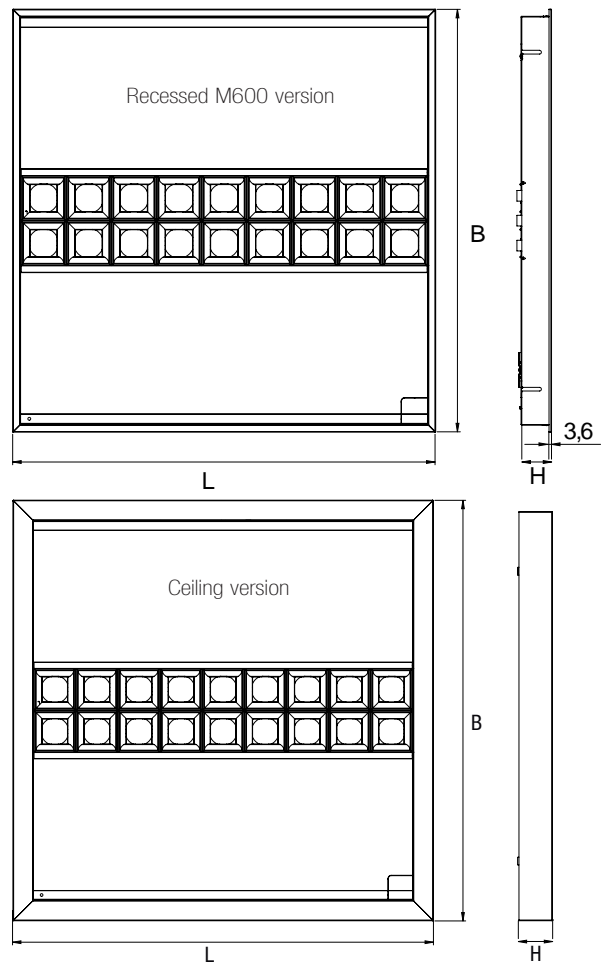
# I418 LED

Ceiling, recessed M600, plasterboards, slats

Recessed fixture for mounting in an exposed structure, slats and plasterboard. Also for CEILING mounting with an adaptor. Characterized by excellent Dark Light anti-glare control, its use is particularly indicated in all workplaces with video terminals where employees are exposed to artificial light for long periods.

The exact emission of light on the work surface gives precision to the beam of light, the indirect emission that is reflected on the side reflectors considerably increases comfort thanks to an overall result of soft light.

Additional accessories are available for integrating emergency lighting: the LED Inverter for lighting up part of the fixture in the event of a black-out, or the LED Module for inserting in the seat provided.



Power * W	• Dimensions (mm) •			Mounting	Weight kg
	L	B	H		
4x18	595	595	46	recessed	3.2
4x18	635	635	54	ceiling	4.5
4x18	595	595	46	recessed	5.6
4x18	635	635	54	ceiling	6.9

### Accessories to be ordered separately

Order code	Description
1232	CEILING FRAME INC ECO LED
10404	BRACKETS FOR SLATS

DOMOTIC  
RADIO  
MODULE

1÷10V  
MODULE

DALI  
MODULE

PLUG&LIGHT  
MODULE

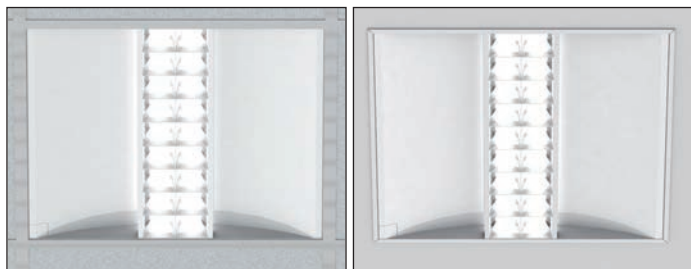
OPTIONAL MODULES TO EXTEND BEGHELLI SD TOWIFI CONTROL OR DALI / 1-10V SYSTEMS AND EMERGENCY



INTELLIGENT PHOTOSENSOR

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

RECESSED MOUNTING ON PLASTERBOARD/SLATS



10404 Bracket for slats to be ordered separately

CEILING MOUNTING



1232 Ceiling adapter

IP54 VERSION



I418SDPC with polycarbonate diffuser  
I418SDVT with glass diffuser

EMERGENCY WITH INVERTER ECOLED/LED MODULE



- 19350 INVERTER ECOLED SE 1N RM to be ordered separately
- 19341 MODULE EM LED AT SE 1N to be ordered separately
- 19342 MODULE EM LED LG SE/SA 1/3H to be ordered separately
- 19343 MODULE EM LED LGFM SE/SA 1/3H 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 I418 LED

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

EMERGENCY WITH LED INVERTER

TR AT LG LGFM

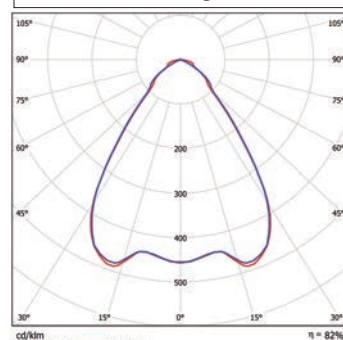
- 19358 INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V to be ordered separately
- 19359 INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V to be ordered separately
- 19364 INV LED IP65 AT/LG 123H (addressable) to be ordered separately
- 19365 INV LED IP65 AT/LG 123H (addressable) to be ordered separately
- RA02\*\*\* AUTORIPARA INVERTER BATTERY 7.2V 1.7Ah to be ordered separately

\*\*\*Contact the Beghelli sales network for availability

DARK LIGHT WIDE OPTIC



Polar Diagram



I418 LED

SmartDriver

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	Luminous efficiency lm/W	Energy Class	Packaging
4x18	I418SD	INC M600 4X18 LED SD 4000K	32	4000	>80	36	90	4400	4000	110	A++	1
4x18	I418SDPC	INC M600 4X18 LED SD P IP54 4000K	32	4000	>80	36	90	4400	3700	100	A++	1
4x18	I418SDVT	INC M600 4X18 LED SD V IP54 4000K	32	4000	>80	36	90	4400	3700	100	A++	1
4x18	I418LED **	INC M600 4X18 LED B 4000K	32	4000	>80	36	90	4400	4000	110	A++	1
4x18	I418TRLED **	INC M600 4X18 LED TR SD 4000K	32	4000	>80	36	90	4400	4000	110	A++	1

\*\* Versions with traditional electronic driver

RECESSED MOUNTING