



GENERAL CHARACTERISTICS

- Equivalent Power*** 4x 18 W
- Power supply SD Version:** Universal Multi Voltage
93–265 V_{AC} 50/60 Hz
176–250 V_{DC}
- Traditional driver version:**
230 V_{AC} ±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 °C ÷ +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° < 1 000 cd/mq
- Driver** SELV electronic SD (cos φ ≥ 0.96)
Electronic with intelligent dimming
- MTFB Control gear**** 80 000 h
- Luminous flux maintenance****
>60 000 h (L80B20)
- Colour deviation** 3 SDCM

* Equivalent power for comparison with fluorescent tube fixtures

** At environmental reference temperature of 25 °C

SPECIAL VARIANTS: COLOUR RENDERING ≥90, COLOUR TEMPERATURE ON REQUEST
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

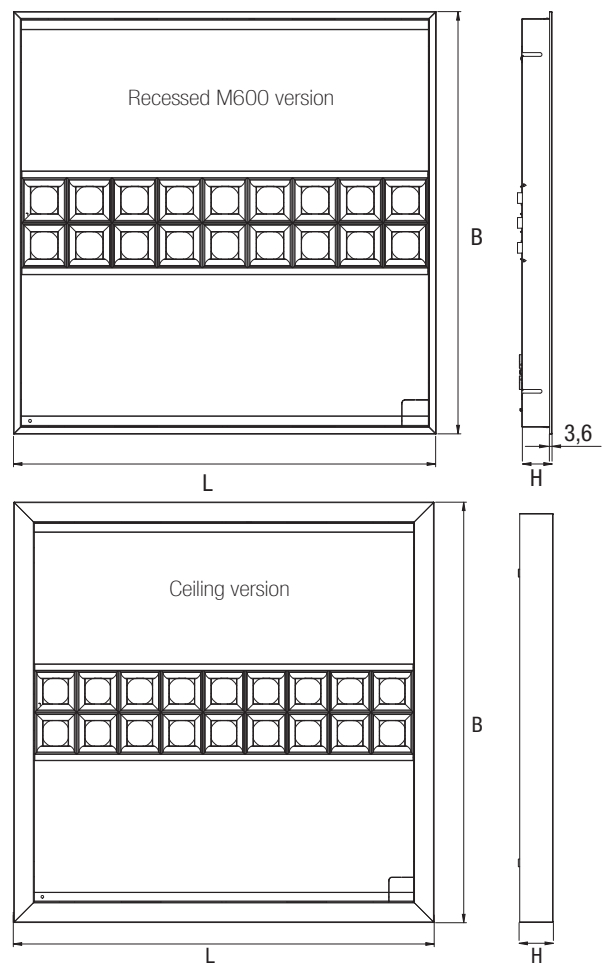
I418 LED

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 blackout, or the LED Module for inserting in the seat provided.



Power* W	• Dimensions (mm) •			Mounting	Weight kg
	L	B	H		
4x 18	595	595	46	recessed	3.2
4x 18	635	635	54	ceiling	4.5
4x 18	595	595	46	recessed	5.6
4x 18	635	635	54	ceiling	6.9

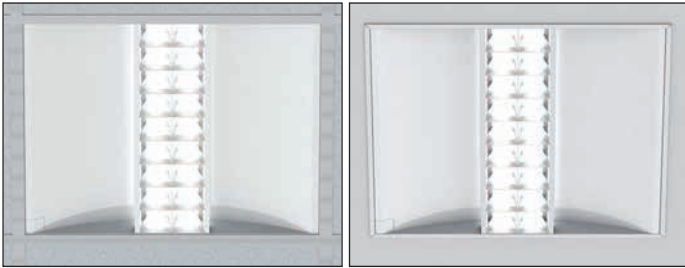
Accessories

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 TO RADIO CONTROL OR DALI / 1-10V SYSTEMS AND EMERGENCY

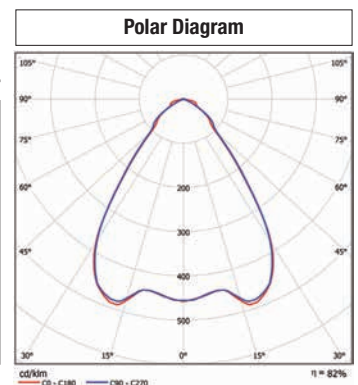
**INTELLIGENT PHOTOSENSOR****1.** Autodimmer Natural Light**2.** Autodimmer Dynamic Light**3.** opticom TECHNOLOGY Smartphone Interface to control and set up system**RECESSED MOUNTING ON PLASTERBOARD/SLATS****10404** Bracket for slats *to be ordered separately***CEILING MOUNTING****1232** Ceiling adapter**IP54 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 SD** **50 %**
- Device duration** **+40 %**
- Luminous efficiency** **+15 %**

DARK LIGHT WIDE OPTIC**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** INVERTER LED IP65 AT/LG 123H (addressable) *to be ordered separately*
- 19365** INVERTER LED IP65 LGFM 123H (addressable) *to be ordered separately*

I418 LEDSmartDriver **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
4x 18	I418SD	INC M600 4X18 LED SD 4000K	32	4 000	>80	36	90	4 400	4 000	110	A++	1
4x 18	I418SDPC	INC M600 4X18 LED SD P IP54 4000K	32	4 000	>80	36	90	4 400	3 700	100	A++	1
4x 18	I418SDVT	INC M600 4X18 LED SD V IP54 4000K	32	4 000	>80	36	90	4 400	3 700	100	A++	1
4x 18	I418LED **	INC M600 4X18 LED B 4000K	32	4 000	>80	36	90	4 400	4 000	110	A++	1
4x 18	I418TRLED **	INC M600 4X18 LED TR SD 4000K	32	4 000	>80	36	90	4 400	4 000	110	A++	1

** Versions with traditional electronic driver