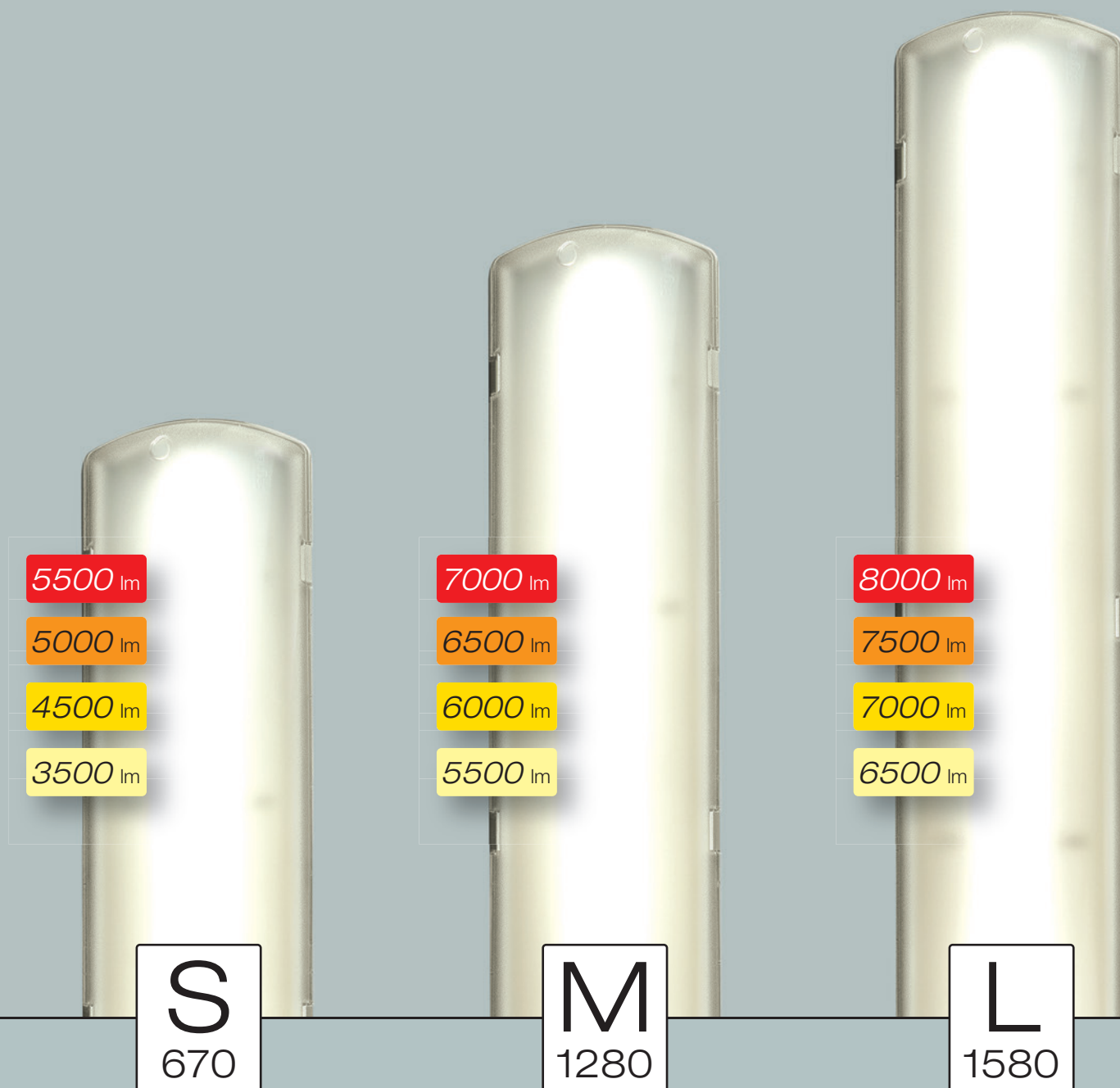


BS100 LED

Adjustable



4 different fluxes for each fixture

Beghelli



BS100 LED Adjustable

Waterproof ceiling light

High performance fixture with high flux and nonglare screen. Suitable for emergency with related accessories, inverter with signalation led. The fixture is equipped with a 4 position switch driver. It lets the luminaire to change light output to 4 different fixture providing a versatile solution. Fixture body is composed of self-extinguishing polycarbonate, UV stabilized and screen is designed to spread light in the no glare best way. Flxture is suitable for outdoor installations and industrial enviroments thanks to a special gasket and closing hooks.

GENERAL CHARACTERISTICS

Power supply 230Vac $\pm 10\%$ 50Hz

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

Protection grade IP65, IK05

Working temp. $-20 \div +40^{\circ}\text{C}$

Mounting ceiling, suspension, busbar trunking

Housing Polycarbonate, RAL 7035 light grey

Optic white reflective powder coated steel

Louvre Micro-structured finished
high transmission polycarbonate

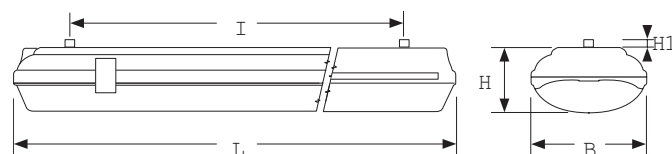
Driver Electronic ($\cos \varphi \geq 0,98$)
current driven in 4 different steps

MTBF Control gear** 65.000h

Luminous flux maintenance** $>60.000\text{h}$ (L80B20)

Colour deviation 3 SDCM

** At environmental reference temperature of 25°C



| Measure | • Dimensions (mm) • | | | | | Weight max kg |
|---------|---------------------|-----|----|----|-----|---------------|
| | L | B | H | H1 | I | |
| S | 671 | 170 | 95 | 10 | 475 | 1,4 |
| M | 1280 | 170 | 95 | 10 | 660 | 2,3 |
| L | 1581 | 170 | 95 | 10 | 900 | 2,7 |

Accessories

supplied

| Order Code | Description |
|------------|-----------------|
| - | CABLE GLAND M20 |

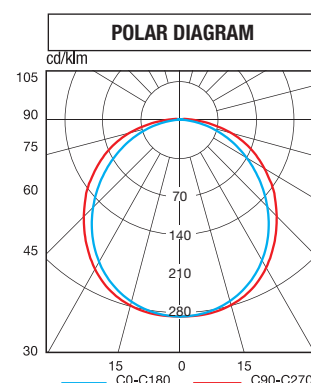
Accessories

to be ordered separately

| Order Code | Description |
|------------|-----------------------|
| 3905 | PROTECTIVE GRID S670 |
| 8066 | PROTECTIVE GRID M1280 |
| 8067 | PROTECTIVE GRID L1560 |

SPECIAL VERISONS: versions with color temperatures at 3000K and 6000K.
Contact Beghelli sales for more informations.

| INVERTER | EMERGENCY WITH INVERTER LED | | 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 | | | |
| | 19355 | INV LED AT/LG 6W 55V 123H | to be ordered separately | | | |
| | 19356 | INV LED LGFM 6W 55V 123H | to be ordered separately | | | |
| | RA02 | BATTERIA AUTORIPARA INVERTER 7.2V 1.7Ah | to be ordered separately | | | |



Energy saving optimization thanks of 4 differents fluxs in 4 different steps

Fixture from manufacture set at maximum flux - step 4



Lighting installations have to take care both of right lighting and energy saving. BS100 adjustable lets to get them thanks of its 4 steps driver, current driven to perform the highest light efficiency and energy saved, **To assess step fluxes, check the table of codes.**

BS100 LED Adjustable **S 670**

| Order code | Description | LED Power W | Colour temperature K | Colour rendering | Power consumption Max W | N° LEDs | Flux of LEDs lm (Tj=25°C) | Luminous efficiency lm/W | Energy Class | Packaging sing/multi | Fixture Flux lm |
|------------|------------------------------|-------------|----------------------|------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| 40003 | BS100 LED REGOLABILE S670 4K | 37 | 4000 | >80 | 41 | 96 | - | 134 | A++ | 1 | 5500 |
| | | | | | | STEP 1 3500lm 25W | STEP 2 4500lm 32W | | STEP 3 5000lm 36W | STEP 4 5500lm 41W | |

BS100 LED Adjustable **M 1280**

| Order code | Description | LED Power W | Colour temperature K | Colour rendering | Power consumption Max W | N° LEDs | Flux of LEDs lm (Tj=25°C) | Luminous efficiency lm/W | Energy Class | Packaging sing/multi | Fixture Flux lm |
|------------|-------------------------------|-------------|----------------------|------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| 40004 | BS100 LED REGOLABILE M1280 4K | 48 | 4000 | >80 | 53 | 154 | - | 133 | A++ | 1 | 7000 |
| | | | | | | STEP 1 5500lm 39W | STEP 2 6000lm 44W | | STEP 3 6500lm 47W | STEP 4 7000lm 53W | |

BS100 LED Adjustable **L 1580**

| Order code | Description | LED Power W | Colour temperature K | Colour rendering | Power consumption Max W | N° LEDs | Flux of LEDs lm (Tj=25°C) | Luminous efficiency lm/W | Energy Class | Packaging sing/multi | Fixture Flux lm |
|------------|-------------------------------|-------------|----------------------|------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-----------------|
| 40005 | BS100 LED REGOLABILE L1580 4K | 53 | 4000 | >80 | 59 | 192 | - | 136 | A++ | 1 | 8000 |
| | | | | | | STEP 1 6500lm 45W | STEP 2 7000lm 50W | | STEP 3 7500lm 53W | STEP 4 8000lm 59W | |



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