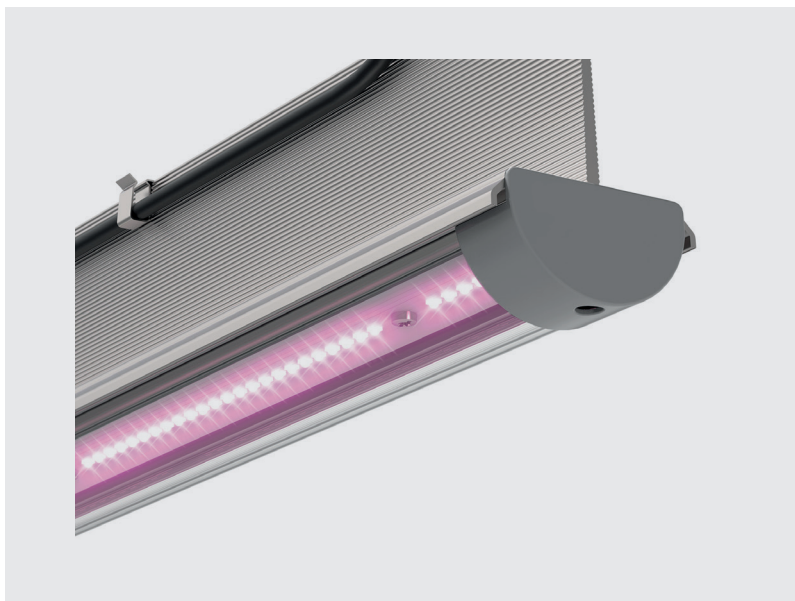
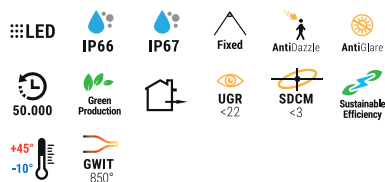


# GARDENIA



| DRIVER OPTIONS   | CCT OPTIONS         | COD.     | POWER | SIZE (mm)         |
|------------------|---------------------|----------|-------|-------------------|
| OF On/Off        | 2700K Warm white    | 40427170 | 170W  | 1069 x 72 x 123 h |
| DL DALI          | 3000K Warm white    | 40427340 | 340W  | 2055 x 72 x 123 h |
| IV 1/10V dimming | 4000K Neutral white | 40427670 | 670W  | 4037 x 72 x 123 h |
|                  | 5000K Cool white    | 40427100 | 1000W | 6005 x 72 x 123 h |
|                  | 6000K Cool white    |          |       |                   |
|                  | 6500K Cool white    |          |       |                   |

## OPTIONAL

**FINISHING:** Silver

**🇮🇹** Che i tuoi obiettivi riguardino l'aumento dei rendimenti, la creazione di una produzione costante per tutto l'anno, il miglioramento della qualità o l'accelerazione dei cicli di crescita, la soluzione sta in questa luce da serra.

Progettato per un'uniformità della luce ottimale, questo prodotto offre una flessibilità senza pari nell'installazione della luce in qualsiasi tipo di serra. Di conseguenza, è possibile ottenere una distribuzione della luce verticale e un'uniformità orizzontale superiori, in particolare in scenari in cui l'altezza delle colture è limitata.

Inoltre, l'opzione per attenuare e controllare le luci ti consente di impostare e regolare facilmente i livelli di luce in base alle tue esigenze specifiche.

**Alloggiamento:** alluminio pressofuso

**Riflettore:** Policarbonato

**LED:** risparmio energetico L80/B10/F10 - durata 50.000 h - temperatura di lavoro da -10°C a 45°C

**🇬🇧** Whether your goals involve increasing yields, establishing consistent year-round production, enhancing quality, or accelerating growth cycles, the solution lies in this greenhouse light.

Designed for optimal light uniformity, this product offers unparalleled flexibility in light installation in any type of greenhouse. As a result, you can achieve superior vertical light distribution and horizontal uniformity, particularly in scenarios where crop heights are restricted.

Additionally, the option to dim and control the lights empowers you to easily set and adjust light levels according to your specific needs.

**Housing:** die-cast aluminum

**Reflector:** Polycarbonate

**LED:** reduces energy consumption L80/B10/F10 - 50.000 hrs lifetime - working temp -10°C to 45°C

## COMPLIANCE



## CERTIFICATIONS / POWER SUPPLY COMPLIANCE CHOICES



**!** Beam angles, optics tailored for specific projects, asymmetric effects, special lenses, opal diffusers, reflector RAL color (if different from white), and the use of anti-glare accessories collectively contribute to variations in total lumen flux compared to the technical sheet data.

Flussirari reserves the right to modify the characteristics of its products and their availability without prior notice. The information provided, including product details, technical data, illustrations, and specifications, is not considered binding. Flussirari accepts no liability for any discrepancies. In our continuous pursuit of product enhancement, we retain the prerogative to make changes to specifications or materials without prior notification, provided such modifications do not compromise the functionality of the product.

For the most current and authoritative specifications, users are advised to refer to the specification sheets available at [www.flussirari.it](http://www.flussirari.it). These documents supersede all other printed or electronic versions and are reflective of the latest updates and revisions.

Compliance may vary in each power supply based on country-specific technical regulations.



## SPECIFICATIONS

|            |                                              |                                                                |
|------------|----------------------------------------------|----------------------------------------------------------------|
| ELECTRICAL | POWER SUPPLY NOMINAL LOAD (WALL PLUG RATING) | 600W(680W)/7000W(1200W)/1250W(7500W) (6m version)              |
|            | POWER EFFICIENCY                             | > 0,96 (@ min. 70% load)                                       |
|            | POWER FACTOR                                 | 0,95 - 0,98                                                    |
|            | INPUT VOLTAGE AC [V]                         | 400V (277-480VAC) - optional 110/230 VAC                       |
|            | FREQUENCY                                    | 47-63 Hz                                                       |
|            | DIMMING/CONTROL INTERFACE                    | 0-10V or DALI-2                                                |
|            | LIGHT CONTROL SYSTEM                         | 3rd party light/climate control system                         |
| OPTICAL    | LIGHT OUTPUT** (PPF*) - 6 M VERSION          | 2300 µmol/s (600W) - 3700 µmol/s (7000W) - 4250 µmol/s (7250W) |
|            | SYSTEM EFFICACY** - [µmol/J]                 | 3,8                                                            |
|            | LIGHT OUTPUT DENSITY** (PPFD*) - [µmol/s/m²] | Typical 710 - 240 (720@ 30m² per 6 m lamp)                     |
|            | SPECTRUM - OPTIONS                           | Growlight Supplemental: 6 industry standards or customized     |
| PHYSICAL   | SIZE LAMP OPTIONS (L X W X H)/WEIGHT         | 200/300/600 x 7,2 x 12,3 cm/ 4,4 - 13,2 kg                     |
|            | SIZE POWER SUPPLY (L X W X H) CM/ WEIGHT     | 262 x 725 x 44/ 2,8 kg - 310 x 144 x 49 /4,2 kg                |
|            | HEIGHT ABOVE CROPS                           | Typical 7,8 - 2,3 m @3,5 meters spacing between rows           |
| COVERAGE   | GROWBED COVERAGE PER LAMP                    | Typical 20 - 30 m²                                             |
| GENERAL    | HOUSING                                      | Aluminum (Lamp fixture+ power supply). Acrylic lens            |
|            | MOUNTING                                     | Beam hooks+ various options                                    |
|            | TEMPERATURE                                  | Operating: -70 +45 C°, Storage: -20 +70 C°                     |
|            | HUMIDITY                                     | 20-95% RH non-condensing                                       |
|            | INGRESS PROTECTION (IP)                      | Lamp: IP66, Power supply: IP67                                 |
|            | LIFETIME                                     | >50.000 hours (L90)                                            |
|            | COOLING                                      | Passively air cooled - no noise                                |
|            | COMPLIANCE                                   | CE, RoHS                                                       |
|            | WARRANTY                                     | 5 years - limited                                              |

\*Photosynthetic Photon Flux + Density

\*\*Value depends on selected spectrum and dimming level

## COMPLIANCE



## CERTIFICATIONS / POWER SUPPLY COMPLIANCE CHOICES



! Beam angles, optics tailored for specific projects, asymmetric effects, special lenses, opal diffusers, reflector RAL color (if different from white), and the use of anti-glare accessories collectively contribute to variations in total lumen flux compared to the technical sheet data.

Flussirari reserves the right to modify the characteristics of its products and their availability without prior notice. The information provided, including product details, technical data, illustrations, and specifications, is not considered binding. Flussirari accepts no liability for any discrepancies. In our continuous pursuit of product enhancement, we retain the prerogative to make changes to specifications or materials without prior notification, provided such modifications do not compromise the functionality of the product.

For the most current and authoritative specifications, users are advised to refer to the specification sheets available at [www.flussirari.it](http://www.flussirari.it). These documents supersede all other printed or electronic versions and are reflective of the latest updates and revisions.

Compliance may vary in each power supply based on country-specific technical regulations.

