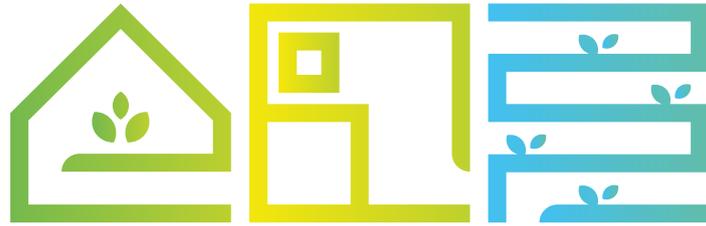


Logiqs



Pixel Growlight Building Block FLORAPXL

Homogeneous light with full control



The ideal grow lights for
Climate chambers and Greenhouses



www.logiqs.nl

FLORAPXL GROWLIGHT ADVANTAGES

Homogeneous light:

- A wide beam angle, resulting in homogeneous light at relatively small distance from the plants.

Flexible setting:

- Blue, white, red and far-red can be set independently.
- Completely open-source communication protocol to control and read out data.
- Each FLORAPXL can be controlled individually.
- Dimming is practically analog.
- Use custom light recipes for each growth phase of the plant.
- Can be optimized for each growing surface.
- Read back status and temperature.

The main advantage compared to other light solutions is the relative ease to get the light homogeneous by placing the pixels on the right spot.



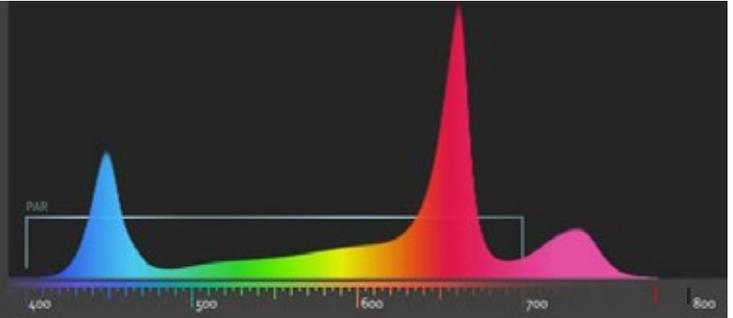
Labor friendly:

- Only a connection to 230Vac and MODBUS RTU needed.
- FLORAPXL's use the MODBUS protocol for communication, allowing for quick installation and easy control.
- Hot-swap and inrush protected allowing 'live' replacement and installation of FLORAPXL's.
- Several quick installation adapters are available.

HOW FLORAPXL'S WORKS

FLORAPXL's are 4 groups of led colors on a round low-profile disc.

Blue	447 nm
White	mix 2700K 4000K
Red	660 nm
Far-red	732 nm



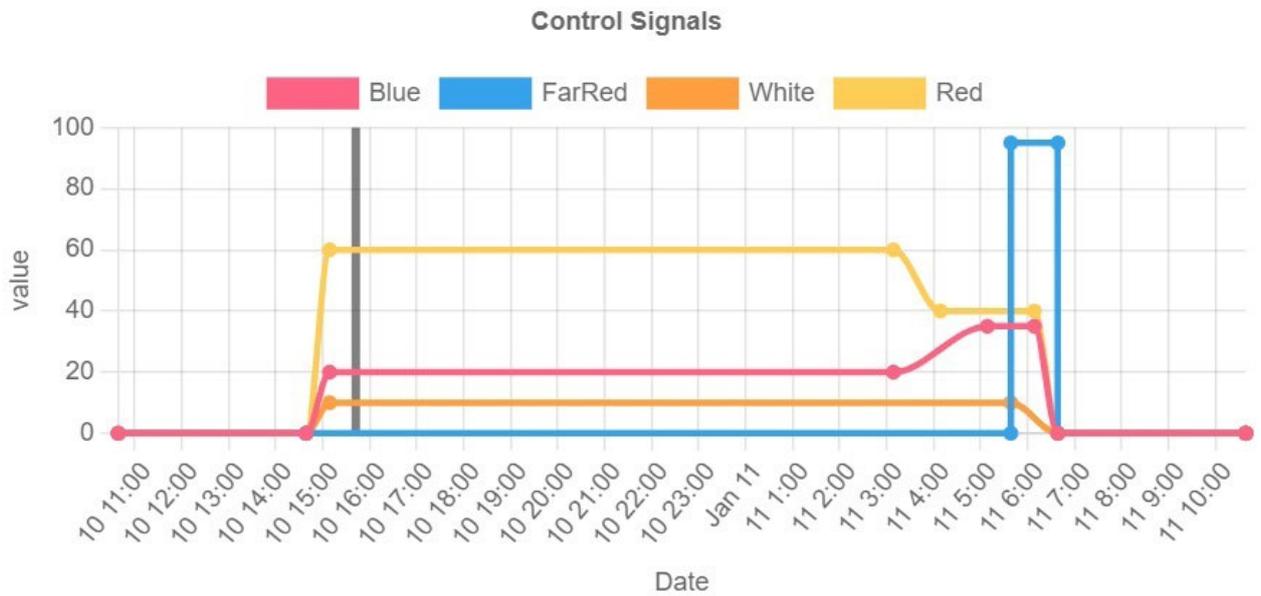
The FLORAPXL's run at SELV 24Vdc power supply.

Each individual FLORAPXL has:

- 4 internal power supplies allowing precise control.
- Its own processor that controls the light output and communicates to a central controller.
- Can be reached remotely, so it can be controlled individually.
- Has a temperature measurement to avoid damage.



CONTROL

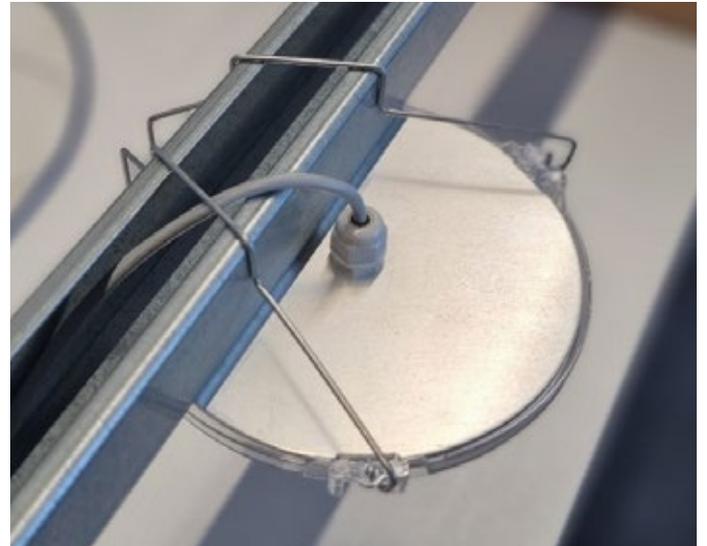


Reset zoom

Zoom to this week

Zoom to today

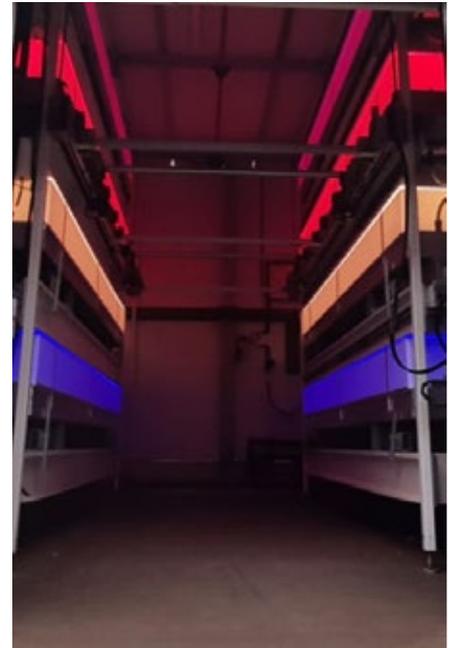
[Chart information](#)



FLORAPXL PROPERTIES

Led lights

Spectrum FLORAPXL	Power (Watt)	Intensity (μmol)
Blue 447 nm	0-6,5	0-12.3
White mix 2700K 4000K	0-15	0-30.6
Red 660 nm	0-13,5	0-41.1
Far-red 732 nm	0-6,8	0-16.1
Max. continuous output	25	66.5



REFERENCES



Anthura
Bleiswijk | The Netherlands



Anthura
Kochani | North Macedonia



Avoird Trayplant
Bavel | The Netherlands



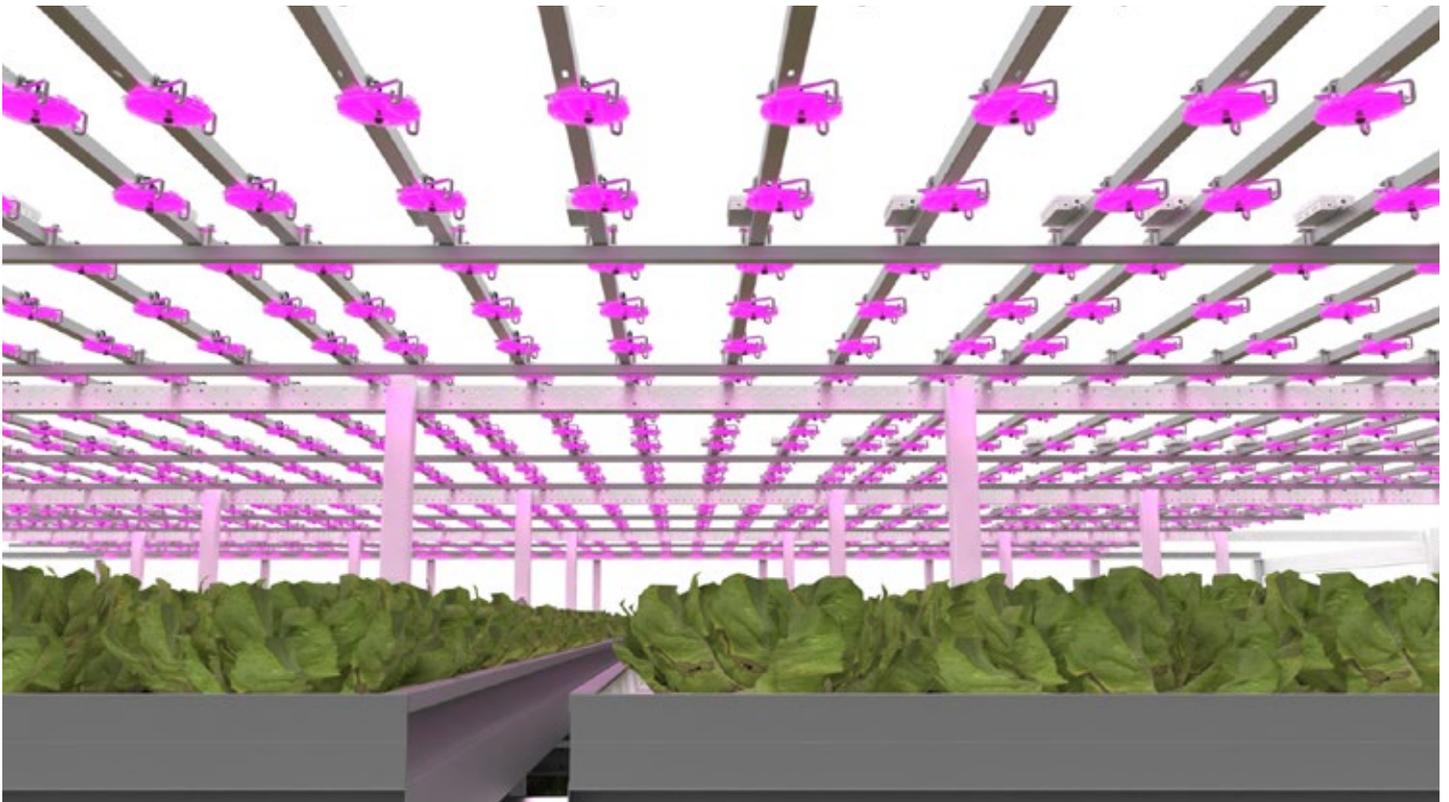
Logiqs
Maasdijk | The Netherlands

WHY CHOOSE LOGIQS

Logiqs has more than 45 years of experience and know-how, gained in the field of internal transport and logistics systems for greenhouses. Our industry leading solutions help our clients achieve a higher profitability and a stronger competitive position within the worldwide horticultural marketplace.

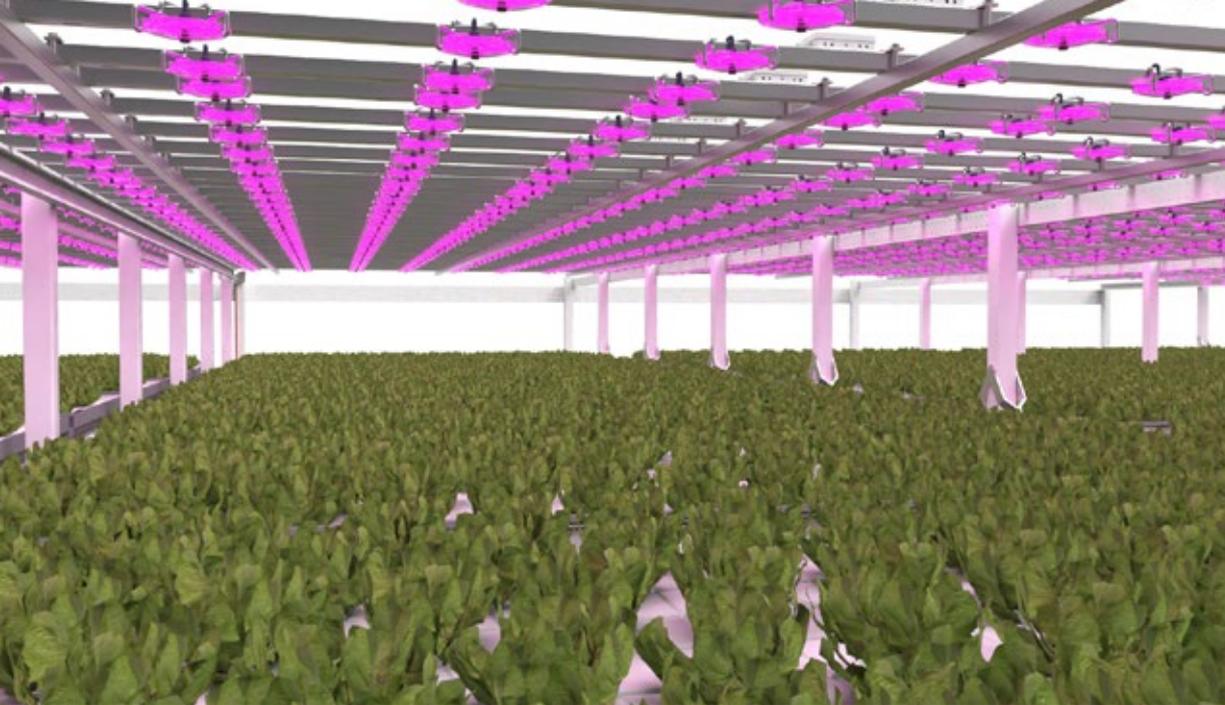
We advise, design, produce and install complete logistical systems, manual or completely automated, for growers specialized in: potted plants, young plants, cut flowers, tree nurseries, flower bulbs and vegetables.

By working closely together with our customers, we aim to always provide a highly reliable service as well as intelligent solutions for any logistics automation problems our customers might encounter.

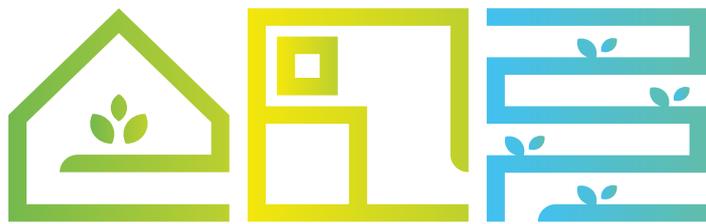


The quality of our cultivation systems, comes from the close collaboration we have with our customers, the growers. We always work together with the customer to fully understand both the short term and long term needs of the growers, so that we can design and build the best possible logistical solution for our customer.

Logiqs also has a great deal of international experience and has established partners in the United States of America, China, Great Britain, Australia, Finland, Brasil and South Korea.



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