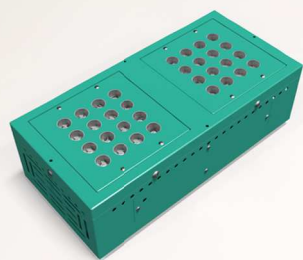




# PhytoLEDs Quantum GX PROFESSIONAL

Open Source Technology Horticultural LEDs



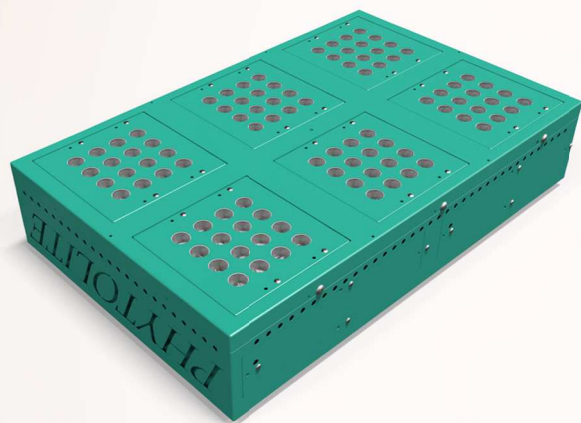
## PhytoLED GX100

Available in versions  
*Full Cycle, Vegetative e Full Spectrum*



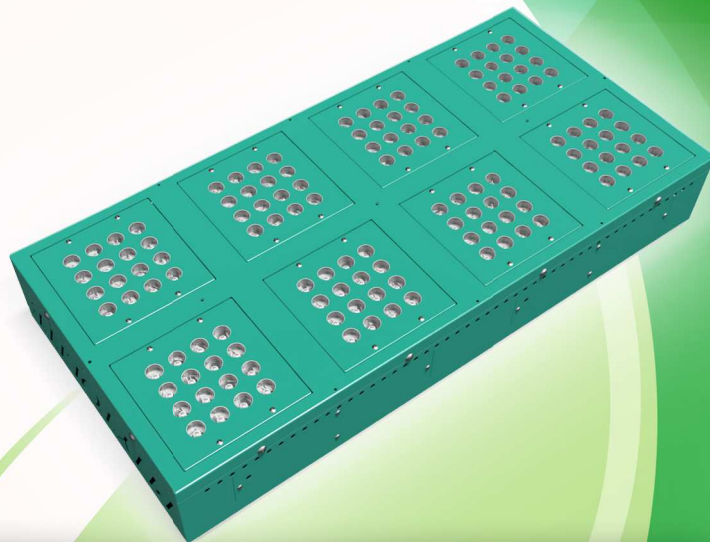
## PhytoLED GX200

Available in versions  
*Full Cycle, Vegetative e Full Spectrum*



## PhytoLED GX300

Available in versions  
*Full Cycle, Vegetative e Full Spectrum*



## PhytoLED GX400

Available in versions  
*Full Cycle, Vegetative e Full Spectrum*



**Engineered in Switzerland, assembled and tested in Italy**



- Easily interchangeable LED modules that comply with the standard PHT201: vegetative function, flowering and "future releases".
- Professional modules mounted on a large-sized aluminium radiator: cooling assured even under extreme conditions.
- 90 and 120 lenses for different areas and requirements. Size 90 once assembled, in a 120 box (user-replaceable).
- Sixteen 3W chip-type LEDs per module. PHT003 spectrum, Phytolite project unregistered, may be freely reproduced.
- Smart power supply: if one of the modules fails, the others receive no extra current and the system keeps working. The malfunctioning module can be dismantled by the user and sent to the technical-support centre with no need to interrupt the cycle.
- "Switch Eco" system to reduce light intensity and change the spectrum (in the "full cycle" version emission switches from the vegetative stage to flowering; in the vegetative version, emission switches from germination/mother plant by means of cuttings/vegetative stage).

- "Turbo Cooling System": fitted with large-sized fans in two arrays. Under normal operating conditions, they are cooled by one array of fans; in cases of extreme heat the second array starts up (manual and automatic using a sensor).
- The oversized frame (tempered steel) enables a large amount of air to circulate, obtained from the large fans.
- Power supplies and LED modules replaceable externally with no need to open the frame.
- Top-quality electronic components
- Cascade connection, sold with a supplementary power cable.
- 1 year guarantee can be extended free of charge to 2 years by registering the product.
- Support centres authorised in Europe.
- Spare parts always in stock.

*Technical support is one of our strengths, with various laboratories in Europe and new ones in the process of opening. If there is not yet one in your country, please contact the technical-support centre in Italy.*



Phytolite International,  
6-9 Trinity Street,  
Dublin 2, Republic of Ireland

[www.phytolite.com](http://www.phytolite.com)  
[info@phytolite.com](mailto:info@phytolite.com)



## Technical data

Led Chip Power	3W	Max Power per Driver	80W
Angle	90° Mounted on system and 120° set available in the package	Operating temperature	-20°C/+40°C
Brand	Epileds	Fan diameter	120mm
Led Expected Life Span	50.000 hrs	Cooling Fan Life Span	50.000 hrs
PCB	Aluminium 2.0mm	Operating position	Light facing down
Aluminium cooler	122x122mm	Certification	ROHS-CE
Operating Voltage	220 V AC	Warranty	2 years (spare parts available at EU support locations)
Power Factor	>95	Engineered and Assembled	Engineered in Switzerland and Assembled in Italy

## Technical data by product

Product	Dimension	Current	NW	Carton	Size of Carton	GW/Carton	Power	LED Q.ty	Sugg. Area
GX100	36.5x17.5x11cm	650mA	3.65Kg	4pcs/Carton	67x32x47cm	18.6Kg	66W	32	50x50cm
GX200	35x36.5x11cm	650mA	5.9Kg	4pcs/Carton	77x51x45cm	30.4Kg	130W	64	80x80cm
GX300	55x35x11cm	650mA	8.7Kg	2pcs/Carton	67x40x47cm	22Kg	192W	96	120x120cm
GX400	73.5x35x11cm	650mA	11.4Kg	2pcs/Carton	86x40x47cm	27.9Kg	265W	128	160x160cm

### Full cycle

Annual Plants: Seeds to Blooming/Fruiting

Deep Red	660nm	x 6
Red	630nm	x 4
Light Red	610nm	x 2
Blue	470nm	x 3
Deep Blue	450nm	x 1

### Vegetative

Cloning, seeding and mother plants

Blue	470nm	x 5
Deep Blue	450nm	x 5
Red	630nm	x 2

### Full Spectrum

Orchids and kitchen herbs

White	Broad	x 7
Blue	470nm	x 2
Red	630nm	x 3

