

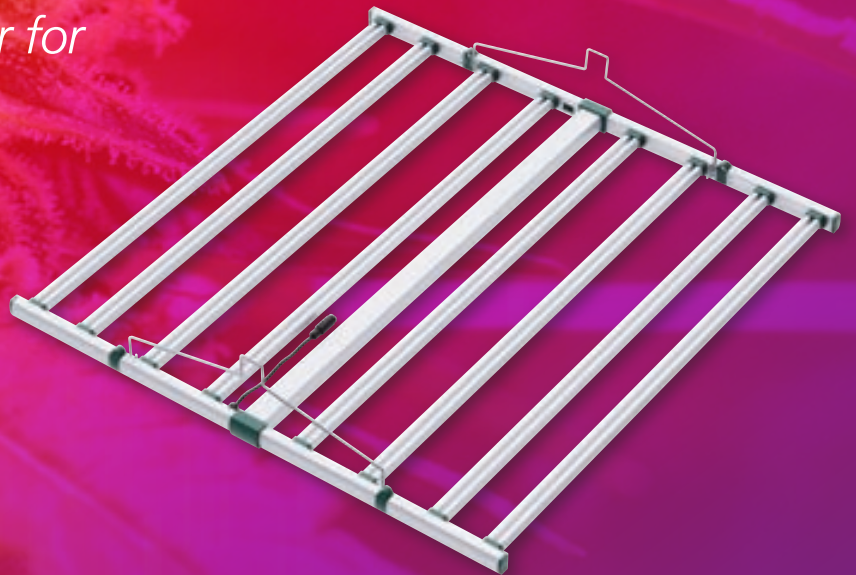
**SYLVANIA**

**SpecialITE®**



# **Gro-Lux® PRO Frame**

Professional Growing Gear for  
**indoor growing**



Digital | Lighting | Solutions

# Sylvania SpecialLITE®

The original grow light

SpecialLITE®  
grow lights

65  
YEARS  
OF  
HORTICULTURAL  
LIGHTING



## Built for growers. Engineered for results.

Sylvania's SpecialLITE® grow light products are designed for pro-level indoor farming and greenhouse applications, which enable growers to find the optimum plant growth conditions to maximise yield and improve crop quality.



## A focus on Quality

The quantity and intensity of light available to plants influences their growth, development and long-term health - that's why we don't make any compromise when it comes to product quality. From start to finish we deliver the best solutions to growers worldwide.



## A history of growing excellence

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## Industry leaders

Our SpecialLITE® Gro-Lux® lamps have achieved among the highest sustained photosynthetic efficiencies in the world and that same technical leadership, along with our expertise in fixtures, has now been applied to LED technology.



## Innovation rooted in research.

Sylvania has led plant lighting since the 1950s - developing custom spectra long before crop steering was mainstream. Today, we continue to create lighting solutions tailored to growers' needs, driven by decades of research and a passion for plants.

# Research and development expertise

For superior products and the best results



## At the heart of our company lies a strong commitment to research and innovation.

With over 600m<sup>2</sup> of dedicated testing facilities in Belgium, we combine cutting-edge technology with decades of expertise to develop, test, and refine the lighting solutions of tomorrow.

This laboratory is part of our overall European R&D and quality structure, which also includes specialised local teams in France and Germany.



Our Specialite® R&D Innovation Laboratory, Solutions Lab, and Compliance Testing Centre are equipped to handle everything from product design to full-scale validation.

From custom machinery design and construction to advanced optical and electrical testing, every detail of our products is verified against the highest industry standards.

Our team of internationally recognised experts has shaped the history of horticultural lighting – pioneering innovations such as the Helios lamp, the Gro-Lux® HPS, and the original Gro-Lux® light spectra. Today, they continue to drive breakthroughs in plant lighting, supported by state-of-the-art technology

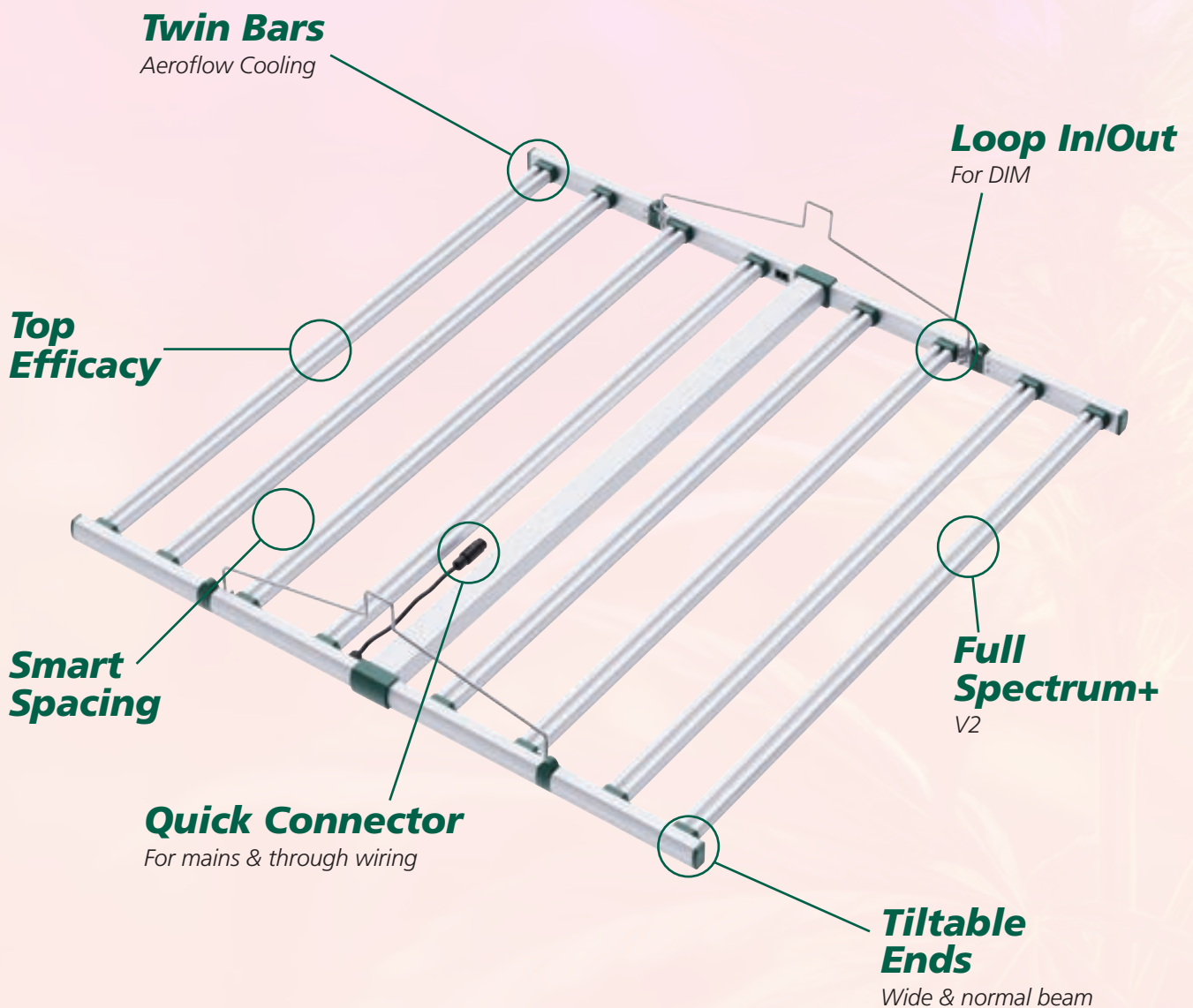
This infrastructure is not only dedicated to our own product excellence but is also available to our partners. We offer access to our facilities, knowledge, and technology, enabling customers to collaborate with us on next-generation lighting solutions and beyond.

With us, you can be sure: every product is tested, proven, and built to meet the latest global standards—backed by the innovation power of one of the world's leading R&D centers in horticulture lighting

# Introducing Gro-Lux<sup>®</sup> PRO Frame 720

**Boost yield. Cut energy. Grow smarter.**

The Gro-Lux<sup>®</sup> PRO Frame 720 optimises more than 65 years of expertise Sylvania SpecialLITE<sup>®</sup> has in the grow light market to deliver a solution that helps you unleash the full potential of plant growth.



## Key Features

### **More yield, with less cost**

- Delivering over 3.0  $\mu\text{mol/J}$  - 20% higher efficacy than the market average
- Delivers 2155  $\mu\text{mol/s PPF}$ , driving superior plant growth and higher yields
- Electrical +20% delivering less cost per Watt
- Biological +20% delivering more revenue per Watt

### **Cooler running. Stronger harvests**

- Revolutionary airflow system for great cooling, higher light output and longer lifetime thanks to no hotspots

### **Support all plant growth stages**

- Full Spectrum+ supports all growth stages, from vegetative to flowering
- High performance
- Upgraded Version 2

### **High compatibility dimming**

- Dim to Off
- High Compatibility to existing control solutions

### **Maximum coverage, every plant, every corner**

- Tilttable ends achieve more coverage, saving energy output

### **Advanced plug and play design**

- Only 5cm height
- Quick-Connect Mains & Through wiring for easiest and fastest installation
- Sylvania Light Link improves Fixture co-operation

### **Consistent growth and maximum harvests**

- Hyperbolic LED placement for extreme uniformity

### **Light distribution**

- Wide and deep
- Easy to clean

### **Long lifetime, reduced costs**

- Up to 100,000 hours reduces replacement and maintenance costs

### **Robust build made to last**

- For tough environments
- Waterproof to withstand dust, dirt and water residue

### **Safe Start**

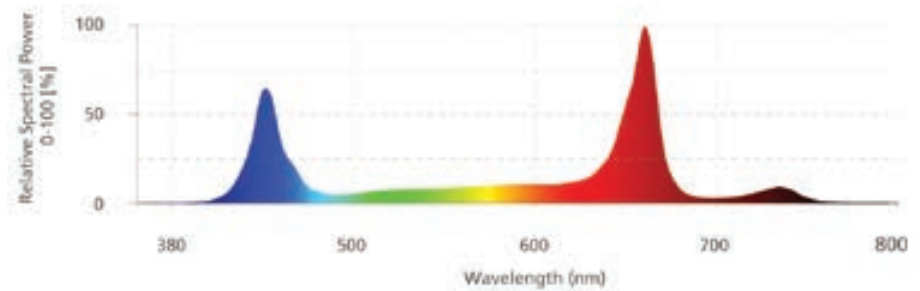
- 200  $\mu\text{s}$  inrush duration reduces electrical stress

# Gro-Lux<sup>®</sup> PRO Frame 720

**SpeciaLITE<sup>®</sup>**  
grow lights

Specification

## Spectral Power Distribution



## Specifications

Model	Gro-Lux <sup>®</sup> PRO Frame 720 FullSpectrum+ V2
Input Wattage	Up to720W / rated @ 700W
PPF (extended PAR)	2155μmol/s
Rated System Efficacy	3.0μmol/J
Module Efficacy*	3.3μmol/J
Input Voltage	AC220-240V 50/60Hz
Dimming Control	0-10V
Dim Port Type	RJ12
Power Factor	>0.95
Beam Angle	Lambertian 120°
Thermal Management	Aeroflow Cooling
Warranty / Lifetime	5 Year / 100,000hrs
Rating	Safe for Damp & Humid Environments
Ambient Temperature	1-40°C
Dimensions / Weight	1.11 m (L) x 1.14 m (W) x 0.048 m (H) / 8.0 kg
AC Power Cord / Length	220-240V / 2m

\*LED performance measured in the integrating sphere

# Gro-Lux<sup>®</sup> PRO Frame 720



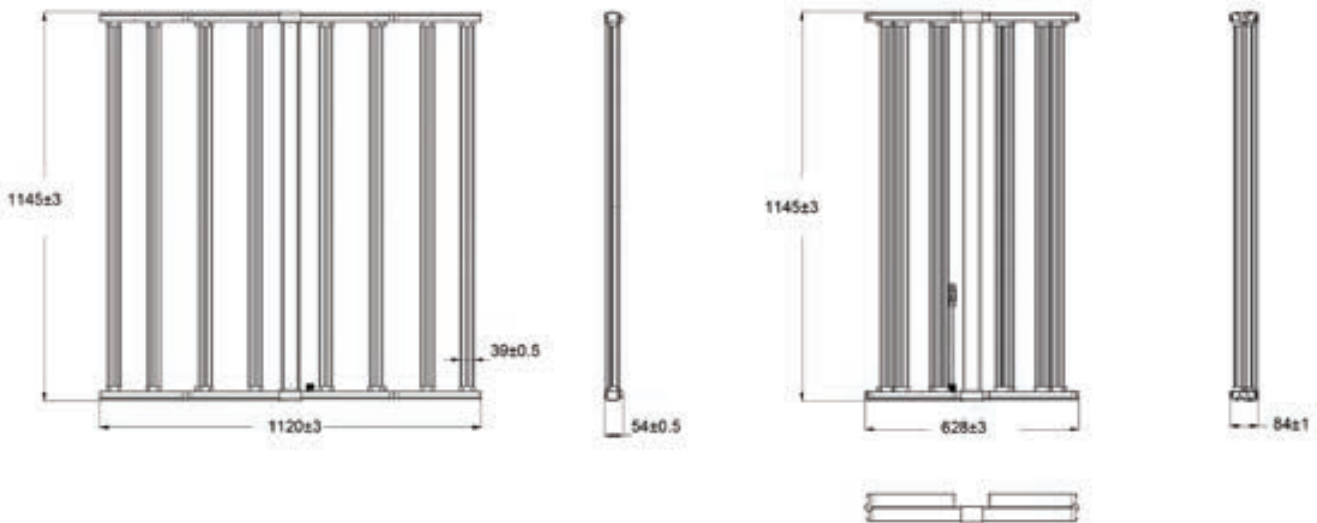
## Specification

### Product Information

Code	Description	PPF (μmol/s)	Controls Strategy	Power (W)	PPE (system) (μmol/J)	Voltage	Ingress Protection	Dimensions (mm)	Warranty (yrs)	Lifetime (Hrs)	Ambient T (°C)
<b>Gro-Lux<sup>®</sup> PRO Frame</b>											
0020972	Gro-Lux PRO Frame 720	2155	0-10V	720	~3.1	220-240VAC	Waterproof	113.8 × 111.3 × 4.8cm	5 years	L70>50,000hrs	40

Code	Description
<b>Accessories</b>	
0020972	Gro-Lux PRO Frame 720 FS PLUS
0020523	Gro-Lux PRO Frame Dimmer
0020944	Gro-Lux Metal Hanger
0020519	Gro-Lux PRO Frame Multiconnect Power Cab

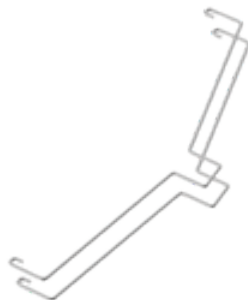
### Dimensions (mm)



### Accessories



**Dimmer:** Hand dimmer for smaller installations



**Metal Hanger:** Alternative hanging method, compatible to most indoor applications and growing racks



**Multiconnect Power Cable:** Connects multiple fixtures to one power supply



Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Feilo Sylvania International Group Kft.

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