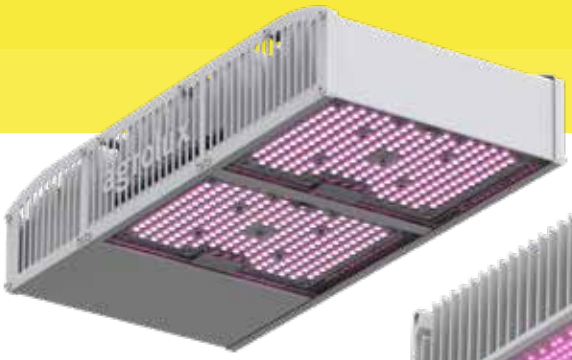
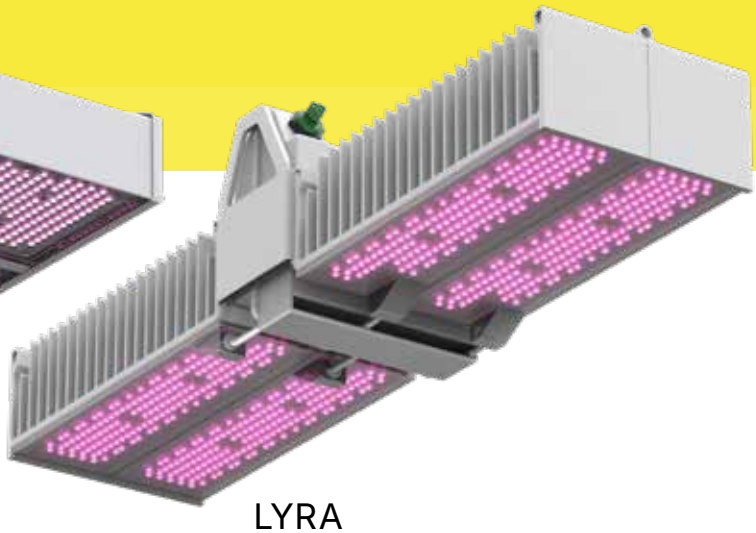
FUTURE-READY

Meet the Agrolux Stars



ALTAIR



LYRA

WEGA

agrolux AgroluxOS

agrolux HortiMesh

We grow ***better together***

WEGA Eco

SKU	*Input Power* (W) ±3%	*Spectrum*	*Optics*	*PPF Output* 400-700 nm (µmol/s)	*PF Output* 400-800 nm (µmol/s)	*PPE* at 100% power (µmol/J)	*PE* at 100% power (µmol/J)	*Input Voltage* (V) ±10%	*Input Current* (A) ±10%
HGC906419-01	540	R90G5B5	125°	1900	1900	3,5	3,5	230/400	1.35/2.35
HGC906421-01	540	R90G5B5	150°	1850	1850	3,4	3,4	230/400	1.35/2.35
HGC906422-01	540	R85G10B5	125°	1800	1800	3,3	3,3	230/400	1.35/2.35
HGC906430-01	540	R85G10B5	15o°	1750	1750	3,2	3,2	230/400	1.35/2.35
HGC906431-01	540	R80G5B15	125°	1830	1830	3,4	3,4	230/400	1.35/2.35
HGC906432-01	540	R80G5B15	150°	1780	1780	3,3	3,3	230/400	1.35/2.35

All types	*Value*
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 16 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	32 × 28 × 17.5 cm
Weight	8.7 kg
Temperature Ambient	0 - 35 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 15%

**with PLC transmitter*

WEGA Plus
Single Channel

SKU	*Input Power* (W) ±3%	*Efficacy*	*Spectrum*	*Optics*
HGC906504-01	760	Standard	R90G5B5	125°
HGC906561-01	760	Standard	R90G5B5	150°
HGC906564-01	760	Standard	FR5R85G5B5	150°
HGC906505-01	760	High Efficiency	R90G5B5	125°
HGC906562-01	760	High Efficiency	R90G5B5	150°
HGC906565-01	760	Standard	R60G22B18	125°

	PPF Output (µmol/s)	*PF Output* (µmol/s)	*PPE* (µmol/J)	*PE* (µmol/J)	*Input Voltage* (V) ±10%	*Input Current* (A) ±10%
	400-700 nm	400-800 nm	at 100% power	at 100% power		
HGC906504-01	2650	2650	3,5	3,5	230/400	3.3/1.9
HGC906561-01	2600	2600	3,42	3,42	230/400	3.3/1.9
HGC906564-01	2470	2600	3,25	3,42	230/400	3.3/1.9
HGC906505-01	2900	2900	3,8	3,8	230/400	3.3/1.9
HGC906562-01	2850	2850	3,75	3,75	230/400	3.3/1.9
HGC906565-01	2400	2400	3,15	3,15	230/400	3.3/1.9

All types	*Value*
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 25 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	62 × 27 × 12 cm
Weight	13.4 kg
Temperature Ambient	0 - 35 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 15%

**with PLC transmitter*

WEGA Plus
Dual Channel

SKU	*HGC906506-01*	*HGC906509-01*	*HGC906468-01*
Input Power (W) ±3%	760	760	760
Efficacy	Standard	High Efficiency	Standard
Spectrum	R90G5B5+FR10	R90G5B5+FR10	R90G5B5+B10
PPF Output 400-700 nm (PAR ON / FR OFF) (µmol/s)	2650	2860	2620
PF Output 400-800 nm (PAR ON / FR OFF) (µmol/s)	2650	2860	2620
PPF Output 400-700 nm (PAR ON / FR ON) (µmol/s)	2450	2600	2640
PF Output 400-800 nm (PAR ON / FR ON) (µmol/s)	2720	2890	2640
PF Output 400-800 nm (PAR OFF / FR ON) (µmol/s)	270	290	270
PPE (PAR ON / FR OFF) (µmol/J)	3,5	3,76	3,5
PE (PAR ON / FR OFF) (µmol/J)	3,5	3,76	3,5
PPE (PAR ON / FR ON) (µmol/J)	3,22	3,42	3,4
PE (PAR ON / FR ON) (µmol/J)	3,6	3,8	3,4
PE (PAR OFF / FR ON) (µmol/J)	3,3	3,35	3,4
Input Voltage (V) ±10%	400	400	347/400
Input Current (A) ±10%	1.9	1.9	2.2/1.9

All types	*Value*
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 36 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	56 × 33 × 14 cm
Weight	13.4 kg
Temperature Ambient	0 - 35 °C
Optics	125°
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 15%

**with PLC transmitter*

WEGA Max
Single Channel

SKU	*HGC906541-01*	*HGC906450-02*	*HGC906543-01*
Input Power (W) ±3%	1040	1040	1040
Efficacy	Standard	High Efficiency	High Efficiency
Spectrum	R90G5B5	R90G5B5	R90G5B5
Optics	125°	125°	125°
PPF Output *400-700 nm (µmol/s)*	3650	4000	3950
PF Output *400-800 nm (µmol/s)*	3650	4000	3950
PPE *(at 100% power) (µmol/J)*	3,5	3,85	3,8
PE *(at 100% power) (µmol/J)*	3,5	3,85	3,8
Input Voltage (V) ±10%	347/400	347/400	230
Input Current (A) ±10%	3.3/2.8	3.0/2.6	4.53

All types	*Value*
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 30 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	56 × 33 × 14 cm
Weight	15.7 kg
Temperature Ambient	0 - 35 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 15%

**with PLC transmitter*

WEGA Max
Dual Channel

SKU	*HGC906472-02*	*HGC906476-02*
Input Power (W) ±3%	1040	1040
Efficacy	Standard	High Efficiency
Spectrum	R90G5B5+FR10	R90G5B5+FR10
PPF Output 400-700 nm (PAR ON / FR OFF) (µmol/s)	3650	3950
PF Output 400-800 nm (PAR ON / FR OFF) (µmol/s)	3650	3950
PPF Output 400-700 nm (PAR ON / FR ON) (µmol/s)	3360	3600
PF Output 400-800 nm (PAR ON / FR ON) (µmol/s)	3740	4010
PF Output 400-800 nm (PAR OFF / FR ON) (µmol/s)	380	410
PPE (PAR ON / FR OFF) (µmol/J)	3,5	3,8
PE (PAR ON / FR OFF) (µmol/J)	3,5	3,8
PPE (PAR ON / FR ON) (µmol/J)	3,25	3,45
PE (PAR ON / FR ON) (µmol/J)	3,6	3,85
PE (PAR OFF / FR ON) (µmol/J)	3,6	3,6
Input Voltage (V) ±10%	347/400	400
Input Current (A) ±10%	3.0/2.6	2.6

All types	*Value*
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 25 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	56 × 33 × 14 cm
Weight	16.5 kg
Temperature Ambient	0 - 35 °C
Optics	125°
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 15%

**with PLC transmitter*

ALTAIR
Single Channel

SKU	*HGC906516-01*	*HGC906518-01*	*HGC906502-01*
Input Power (W) ±3%	760	760	760
Efficacy	Standard	Standard	Standard
Spectrum	R90G5B5	FR5R85G5B5	R60G22B18
Optics	125°	125°	125°
PPF Output *(400-700 nm) (µmol/s)*	2700	2550	2400
PF Output *(400-800 nm) (µmol/s)*	2700	2700	2400
PPE *(at 100% power) (µmol/J)*	3,55	3,35	3,15
PE *(at 100% power) (µmol/J)*	3,55	3,55	3,15
Input Voltage (V) ±10%	347/400	347/400	347/400
Input Current *(A)* ±10%	2.2/1.9	2.2/1.9	2.2/1.9

All types	*Value*
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 25 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	62 × 30 × 11.8 cm (including connector)
Weight	12.1 kg
Temperature Ambient	0 - 45 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V), (IEEE1901.1 power inlet)
Dimming Range*	100% - 30%

**with PLC transmitter*

ALSO AVAILABLE AS WIRELESS agrolux WITH HORTIMESH

Technology changes. LYRA adapts.

Preserve what lasts – durable aluminium structure
Upgrade what changes – LED boards and drivers
Optimise through software – over-the-air updates
Designed for circularity – no full luminaire replacement

Upgrade, don't replace

When new LED technology becomes available, swap the modules in the green-house. Keep the housing, driver and installation. Extend your installation lifetime to 12–20 years.

RESULT: Saving up to 30% CAPEX vs. full replacement

Scale up power

Move to higher power levels - up to 1200W - with the current reprogrammable driver. No new luminaire, no rewiring. Just a software update and a new LED module.

RESULT: more light, same installation

Adapt to new crops

Switch spectrum when growing insights change or crops rotate. Dynamic lighting stategies support all growing phases.

RESULT: maximum flexibility, total control

Unlock the full potential

Data driven light management with AgroluxOS and HortiMesh unlocks the full potential for maximising yield while minimising operating costs

RESULT: maximum results with lowest costs

MODULAR • UPGRADEABLE • EVOLVING • COST EFFECTIVE
A platform that stays relevant for over 20 years

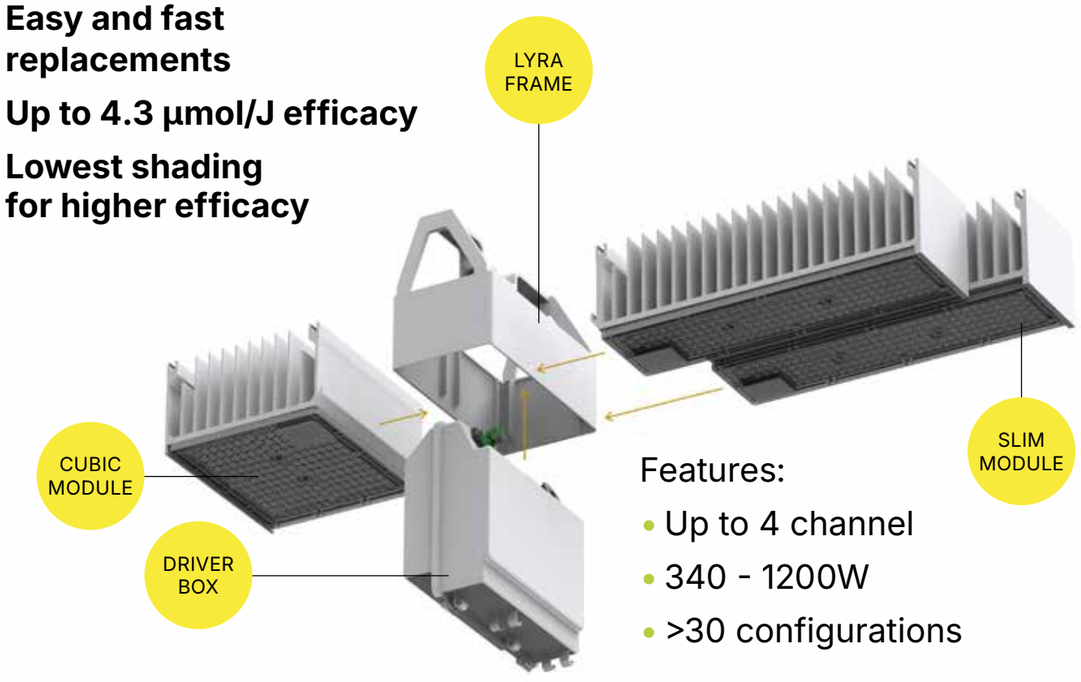
We grow ***better together***

FUTURE-READY

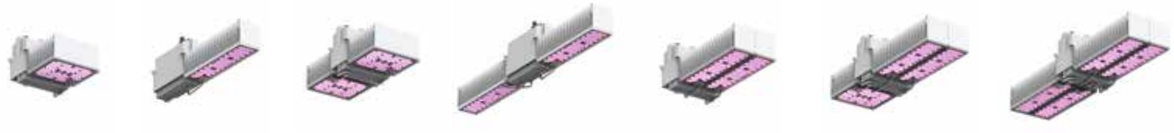
LYRA

The true low-cost solution!

- **Easy and fast replacements**
- **Up to 4.3 µmol/J efficacy**
- **Lowest shading for higher efficacy**



Features:
- Up to 4 channel
- 340 - 1200W
- >30 configurations



FUTURE-READY

AgroluxOS | Future-ready!

- Use AgroluxOS to setup and control your lights, with or without your climate computer
- Use the wireless HortiMesh setup, transmitters (PLC) or both combined
- Integrate up to 32,000 luminaires with our wireless HortiMesh on a single gateway

Smart Lighting Strategies:

- Upload of greenhouse layouts and definition of control groups
- 24h setpoints in PPFD
- Integrated energy market prices
- Integrated weather forecasts
- Sensor driven lighting strategies

Smooth operations

- Easy and fast replacements of luminaires
- Predictive maintenance features to prevent loss of yield
- User roles & permissions for access management
- Monitoring of luminaire diagnostic data to improve their operations and achieve better results.

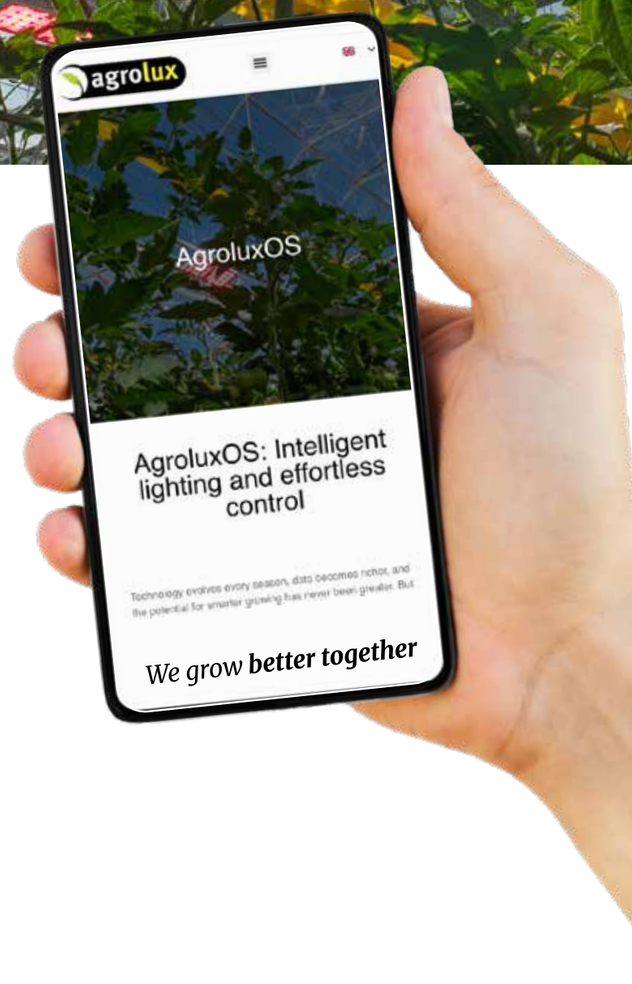
Optimized lighting strategies and smooth operations!

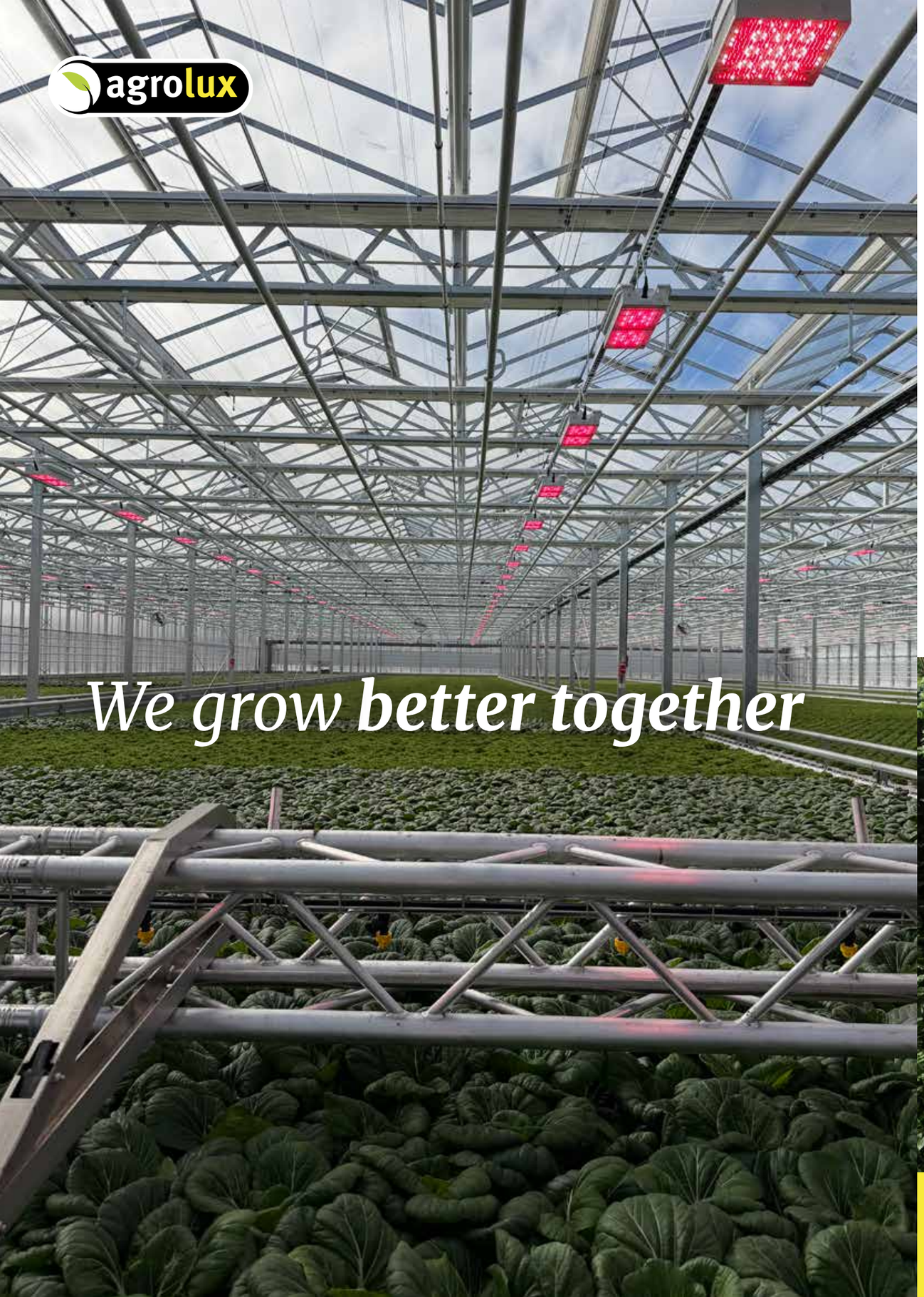
We grow ***better together***

AgroluxOS

Features:

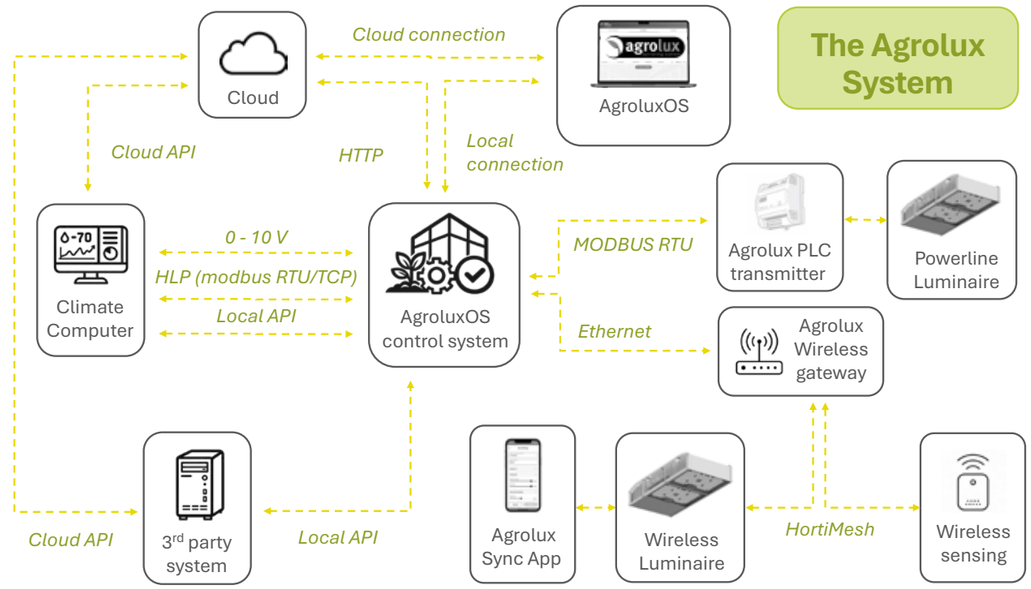
- **Remote updates and upgrades (Over the Air)**
- **Open for controlling 3rd party products**
- **Integration in climate computer via HLP**





FUTURE-READY

The Agrolux System



Gavita International B.V., based in Oude Meer, The Netherlands, provides advanced horticultural lighting systems. Through our flagship brand, Agrolux, we deliver solutions, build strong partnerships, and provide reliable services to professional growers worldwide.

Why we exist

We believe in the positive impact of growing produce, flowers, and plants in greenhouses. Our purpose is to partner with growers so we can help them enhance and optimize their greenhouse operations through effective light management.

How we achieve this

We use technological developments, innovation, and data in horticultural technology, software, and lighting to work with researchers, advisors, our suppliers and growers on smarter, more sustainable solutions. Our goal is to help growers continuously improve their operations and achieve better results.

Sign up for our emailings!

Get in touch with our specialists

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*We grow **better together***

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