



HELENOR ECO

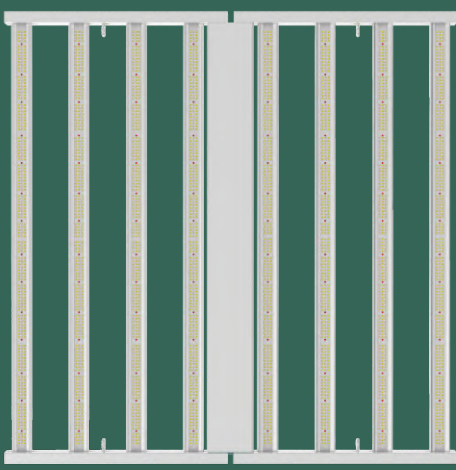


LITE SCIENCE®

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HELENOR ECO

Designed for commercial grow of medical plants

HIGH
EFFICIENCY

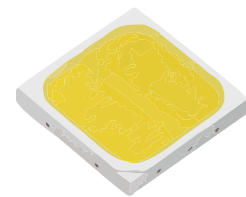
POWER
SAVING

FOLDING
DESIGN

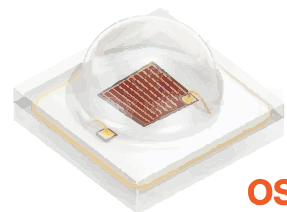
HELENOR ECO

- Efficacy up to 2.65 $\mu\text{mol/J}$, PPF up to 1,910 $\mu\text{mol/s}$
- Top bin LEDs from OSRAM and SEOUL SEMICONDUCTOR
- cETL certified and UL 8800 compliant
- Knob dimming + RJ port dimming 0%~100%
- Compatible with Gavita Master Controller EL2 and TrolMaster HCS-1 & LMA-14
- Foldable structure and Push & Lock plug for fast and easy installation
- 5 Years Warranty and IP66 water-proof

Details (1)



SEOUL



OSRAM



Technical Specifications (1)

Fixture	HELENORECO 680W		
Input Voltage +/- 10%	120 Volts	240 Volts	277 Volts
Typical Input Current	5.75 Amps	3.0 Amps	2.6 Amps
Power Factor	0.99	0.95	0.95
Max. Wattage +/- 5%	680 Watts	680 Watts	680 Watts
Qty. of Light Bars	8 Bars	8 Bars	8 Bars
Light Output PPF	1,775µmol/s	1,775µmol/s	1,775µmol/s

Fixture	HELENORECO 720W		
Input Voltage +/- 10%	120 Volts	240 Volts	277 Volts
Typical Input Current	6.1 Amps	3.2 Amps	2.75 Amps
Power Factor	0.99	0.95	0.95
Max. Wattage +/- 5%	720 Watts	720 Watts	720 Watts
Qty. of Light Bars		8 Bars	8 Bars
Light Output PPF	1,910 µmol/s	1,910 µmol/s	1,910 µmol/s

LED Configuration	3000K + 4000K & 660nm	LED Lifetime	> 100,000 hrs
Driver Brand	cUL Certified Driver	Surge Protection	6KV
Dimming	0%-100%	Dimming	Knob + RJ port
Power Cord Length	6' (1.8 M)	PPE	2.61 µmol/J ; 2.65 µmol/J
IP Rate	IP 66	Mounting Height	>6" (Above Canopy)
Max. Ambient Temp.	95°F (35 °C)	Warranty	5 years

Details (2)



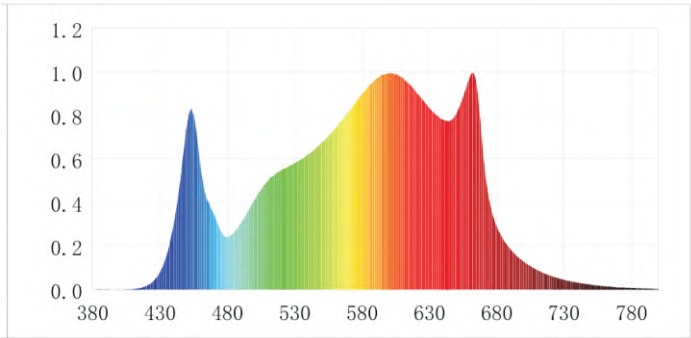
Technical Specifications (2)

Fixture	HELENORECO 680W		
Input Voltage +/- 10%	120 Volts	240 Volts	277 Volts
Typical Input Current	5.75 Amps	3.0 Amps	2.6 Amps
Power Factor	0.99	0.95	0.95
Max. Wattage +/- 5%	680 Watts	680 Watts	680 Watts
Qty. of Light Bars	8 Bars	8 Bars	8 Bars
Light Output PPF	1,747µmol/s	1,747µmol/s	1,747µmol/s

Fixture	HELENORECO 720W		
Input Voltage +/- 10%	120 Volts	240 Volts	277 Volts
Typical Input Current	6.1 Amps	3.2 Amps	2.75 Amps
Power Factor	0.99	0.95	0.95
Max. Wattage +/- 5%	720 Watts	720 Watts	720 Watts
Qty. of Light Bars	8 Bars	8 Bars	8 Bars
Light Output PPF	1,877 µmol/s	1,877 µmol/s	1,877 µmol/s

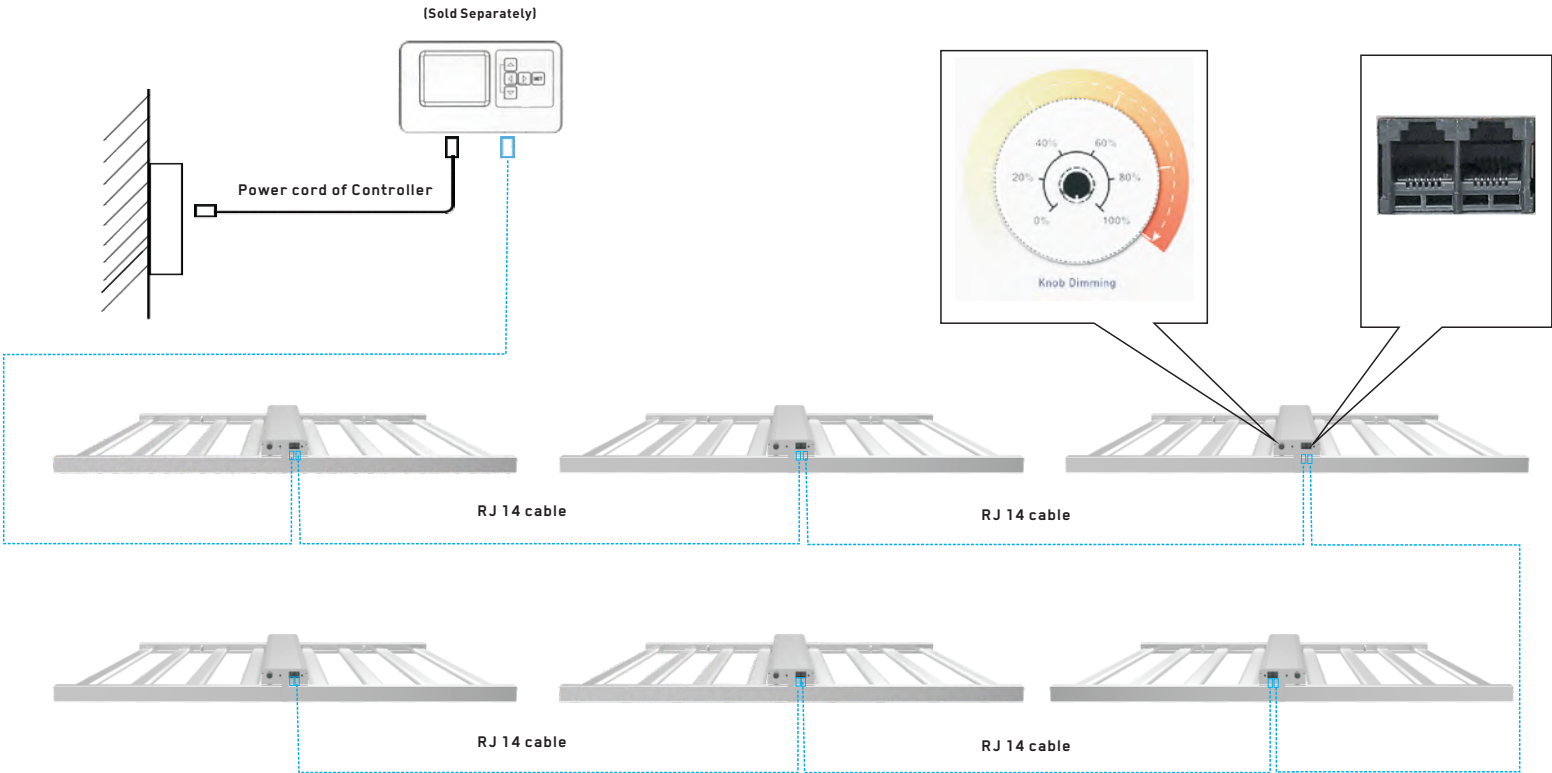
LED Configuration	3000K + 4000K & 660nm	LED Lifetime	> 100,000 hrs
Driver Brand	MEAN WELL Driver	Surge Protection	4KV
Dimming	0%-100%	Dimming	Knob + RJ port
Power Cord Length	6' (1.8 M)	PPE	2.57 μ mol/J ; 2.61 μ mol/J
IP Rate	IP 66	Mounting Height	>6" (Above Canopy)
Max. Ambient Temp.	95°F (35°C)	Warranty	5 years

Full Spectrum



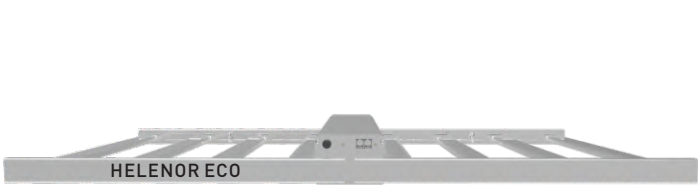
Wavelength Range	Proportion
< 400nm	0 %
400-500nm	13.62 %
500-600nm	39.33 %
600-700nm	44.34 %
700-800nm	2.71 %

Knob & RJ 14 Port dimming



Compatible with Gavita Master Controller EL2 and TrolMaster HCS-1 & LMA-14

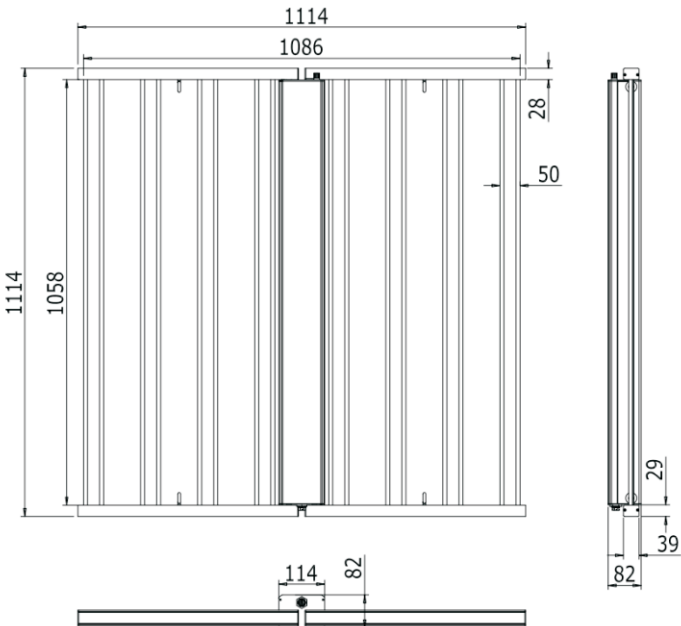
Customized Laser Engraving



Options of Plug



Dimension & Weight & Package



Fixture Dimension:
1114mm X 1114mm X 103mm
(43.86" X 43.86" X 4.06")

Fixture Net Weight:
13.5 kgs (29.7 lbs) Including Driver box

Package	
Carton Size	118cm X 19cm X 64cm 46.46" X 7.48" X 25.2"
Weight	15.5 kgs
Qty. / Ctn.	1 piece

Warning! Mounting and installation of the LED fixture must be done by certified service personnel, in accordance with the applicable local laws and regulations.

Warning! The installer is responsible for correct and safe installation.

Warning! Do not connect or disconnect the LED fixture under load.

Warning! Mount the system to something that can hold the weight of the LED fixture.

Warning! Do not touch the leds to avoid damage.

