

## Plantalux XX640W Breeder Version Product Card



### Basic data

- case made of anodized aluminium
- power supply: 110-250V, 249-528V
- Power Factor: 0,98
- index of protection: IP66\*
- lamp equipped with LED light source made in SMD technology
- light source lifespan: 80 000 hours (9 years of constant lighting)
- beam angle: 120°
- lamp equipped with diffuse glass for improved light distribution and uniformity
- passive heat dissipation
- different configurations of connecting lamps
- warranty: basic 3 years, extended 5 years



\* - accounts for ingress protection of all electrical parts such as diode, driver, wires

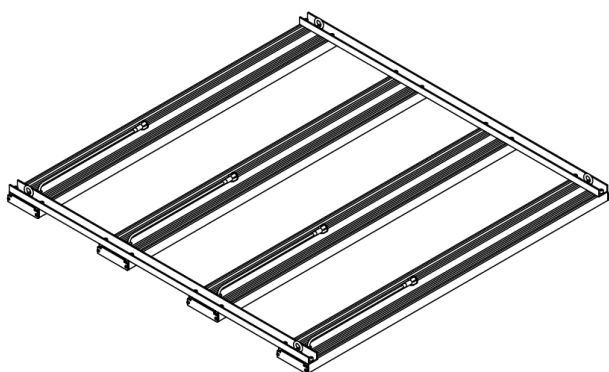
### Model

Model	Power [W]	Light output [μmol/s]
Plantalux XX640W	640	1664

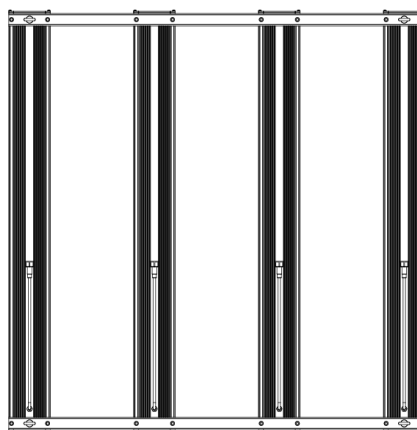
### Dimensions

Model	Length [mm]	Width [mm]	Height [mm]	Weight [kg]
Plantalux XX640W	1015	1000	45	12,00

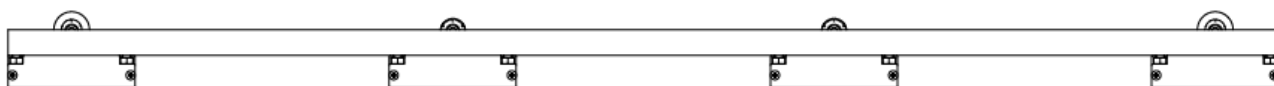
Half LED lamp: 3D view



Half LED lamp: top view



Half XX640W Breeder Version: side view



XX640W Breeder Version with dimmer





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## Light spectrum



**Full Spectrum** – LED SMD module of very broad spectrum including additional 10% of far red. Created to fulfil balanced growth and at the same time being pleasant for human eyes. Useful especially in cultivation with limited access to natural light or its complete absence like in vertical and indoor farms.

Range [nm]	400 – 700 (PAR)	700 – 800 (far red)	600 – 700 (red)	500 – 600 (green)	400 – 500 (blue)	380 – 400 (UV)
Share	90%	10%	38%	38%	14%	0%

