



FUTURA

HIGH EFFICIENCY LAMP SUITABLE
FOR INDOOR VERTICAL-FARMING CROPS



THE FUTURA LAMP IS SPECIFICALLY DESIGNED FOR VERTICAL-FARMING: ITS COMPLETE PAR SPECTRUM **MAXIMISES CROP YIELDS IN BOTH QUANTITATIVE AND QUALITATIVE TERMS.**

ITS BROAD SPECTRUM AND LIGHT DIMMING FEATURE MAKE IT SUITABLE FOR GROWING ALL TYPES OF MICROGREEN, BABY LEAF AND HERB PLANTS.

FEATURES

- EFFICIENCY up to 3.7 $\mu\text{mol}/\text{J}$
TLed=25° (3.1 for natural indoor)
- Does not contain mercury or other chemical substances harmful to the environment
- Dimmable light intensity
- 40,000 h \geq L90
- 5-year warranty
- Different lengths available
P85 – P100 – P125 – P195
- IP65 protection rating
- Connectable in series up to a maximum of 135 W
- Power supply 24 V DC
- Impact resistant



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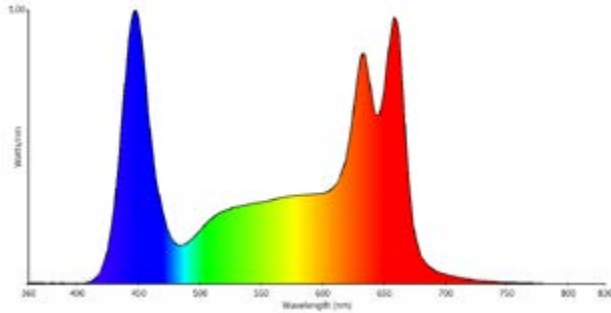
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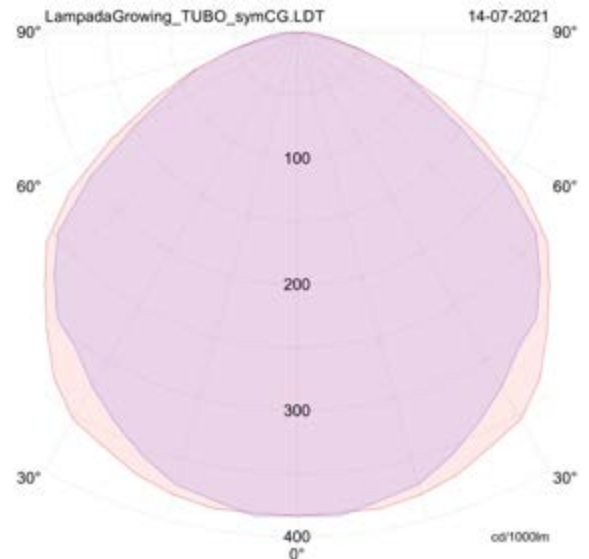


SPECTRUM Natural Indoor

Light suitable for biomass and secondary metabolite production.
Further spectra can be developed according to needs.



Polar Diagram



DISTRIBUTION OF SPECTRAL PHOTONS

Ratio	Blue PF	Green PF	Red PF	Far Red PF
PKB	23.9%	25.9%	49.2%	1%

TECHNICAL SPECIFICATIONS

SKU	Description	Spectrum	Electrical Power (W)	Length (mm)	PPF ($\mu\text{mol/s}$)	Efficacy ($\mu\text{mol/J}$)
P85 97666832	24V P85	Natural indoor	15W	840 mm	46.5 $\mu\text{mol/s}$	3.1 $\mu\text{mol/J}$
P100 97666826	24V P100	"	18W	933 mm	58.9 $\mu\text{mol/s}$	3.1 $\mu\text{mol/J}$
P125 97666664	24V P125	"	22W	1235 mm	68.2 $\mu\text{mol/s}$	3.1 $\mu\text{mol/J}$
P195 97666833	24V P195	"	36W	1965 mm	111.6 $\mu\text{mol/s}$	3.1 $\mu\text{mol/J}$

ACCESSORIES

64300097	driver PWM-120-24 (IP65)	power supply unit with dimming cable
64300099	driver HLG-320H-24B (IP65)	power supply unit with dimming cable
64300124	driver ELG-240-248 mean well	power supply unit with dimming cable
97662371	dimmer1-10V	power supply unit with dimming cable
62700198	4-way distributor	power distributor
62700207	lamps line start cable	lamps distributor connection
62700208	lamps line end cable	lamps distributor connection
67420245	attachment clip	lamps assembly support



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