



TUBORACK

Economical lighting solution for vertical farming

This LED tube has been specially designed to achieve performance on indoor crops on projects with a limited budget. Waterproof in the wettest conditions and small in size, TuboRack adapts to any installation in a harsh environment.

DIM
0-10V
DALI

PC + Alu
Best cooling

Quick
and easy
to install

IP66
IK08

90 -277VAC
(50-60Hz)

2,2 - 3,3
 $\mu\text{mol}/\text{J}$

Angle
120-160°
wide

21 - 73
 $\mu\text{mol}/\text{s}$

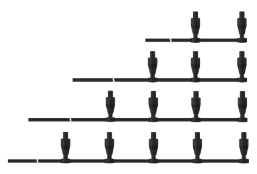
Designed to make indoor farming profitable

The TuboRack has been designed to use as few materials as possible to make it as affordable as possible. This makes it easy to use and effective thanks to its spectral performance. Its polycarbonate body is resistant to most aggressive liquids. Inside, it incorporates a thin aluminium bar to optimise heat dissipation, ensuring optimum photon flux is maintained throughout its lifetime. A decompression vent prevents water from entering the product. To maintain optimum watertightness (IP66), the TuboRack is fitted with an overmoulded IP68 connector for connection to its power supply. The power supply is remote, reducing heat build-up in the growth chambers through the Joule effect. All connectors are quick-fit and can be connected without tools. The remote power supply is low-voltage, making installation risk-free and maintenance easy.

Power	10-22 Watts
Size (mm)	1200x30x30
Input Voltage	90 - 277VAC (50-60Hz)
THD	<14%
Weight	0,300kg
Power factor	> 0,91 at full load
Angle	120° - 160°
Efficiency	2,2 - 3,3 $\mu\text{mol}/\text{J}$
PPF (360-760nm)	22 - 73 $\mu\text{mol}/\text{s}$
IP & IK	66 / 04
Lifetime Ta 25°C	35 000 hrs L70B20
Spectral code	S1 - S4 - S5K - SSF
Warranty	2 years
Certificates	CE, ENEC, ROHS, UL/CSA, RCM, PSE, EAC
Dimming option	10 - 100%



Splitter
output



Inox & rubber
fixing hooks



view depends on options

- **Spectrum adapted to each crop**
- **Guaranteed homogeneity**
- **Compatible with pathogen testing**
- **Plug & Play, installation without tools**
- **Increases the rooting rate**
- **Ideal for growing shelves**



VGD

396 Avenue Jean Baptiste Tron
13160 Chateaufrenard
France
www.vgd-led.com
contact@vgd-led.com
+33 484 980 035