



- Excellent **PAR output and photosynthetic efficiency**
- Spectrum tailored to **maximize photosynthetic absorption**
- No radiated heat to allow for **maximum irradiance at close proximity** to plant canopy
- **Passive cooling**, no fans or moving parts
- Contains **no mercury** (unlike HID and fluorescent) or glass
- Designed and **Assembled in Poland**

PLANTA

ELECTRICAL PARAMETERS

- rated voltage 230V
- voltage frequency 50÷60Hz
- rated power 100W
- power factor 0.98

OPTICAL PARAMETERS

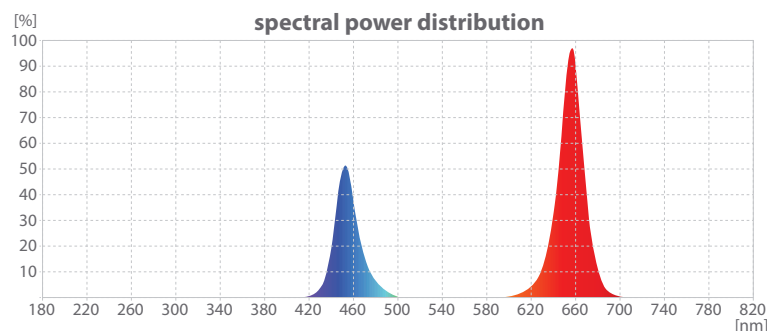
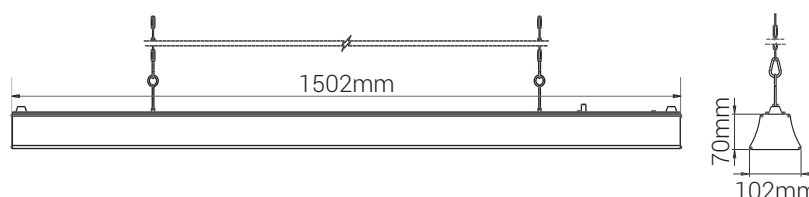
- PAR output / PPF 150μmol/s
- rated beam angle 90°/120°
- cover finish tempered glass

MECHANICAL PARAMETERS

- cap-base AC166 GEBU/5
- housing material anodized ALUMINIUM
- IP protection IP64
- length 1502mm
- circular outline dimension 102mm
- net weight 5kg

OPERATING PARAMETERS

- PAR energy efficiency 1.45μmol/J
- rated lifetime 50000h
- lumen maintenance factor 80%
- switching cycle >50000X
- starting time <0.2s
- operating temperature -25°C to +40°C
- t-case maximum +45°C
- dimmable YES, sector blanking





PLA100R85B17W0GSD

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85:17:0

100µmol/s

100W

Specifications are subject to change without notice. Errors and omissions are possible. Typical given the technical parameters are statistical values, which may differ from the actual technical parameters of individual products. Special-purpose product, not suitable for room illumination and accent lighting.