

HORTURION HPS TL

Top lighting horticulture luminaire with HPS lamp 600 W / 750 W / 1000 W

Application

Top lighting for professional greenhouses and turf lighting.

Description

- Series of highly efficient HPS luminaires, providing best-in-class PAR values and spectra for optimal plant growth
- Modern, compact and solid design with built-in electronic power supply
- Open reflector construction for optimum lamp temperatures and light distribution
- Reflector material specially developed for horticulture application

1. Specifications

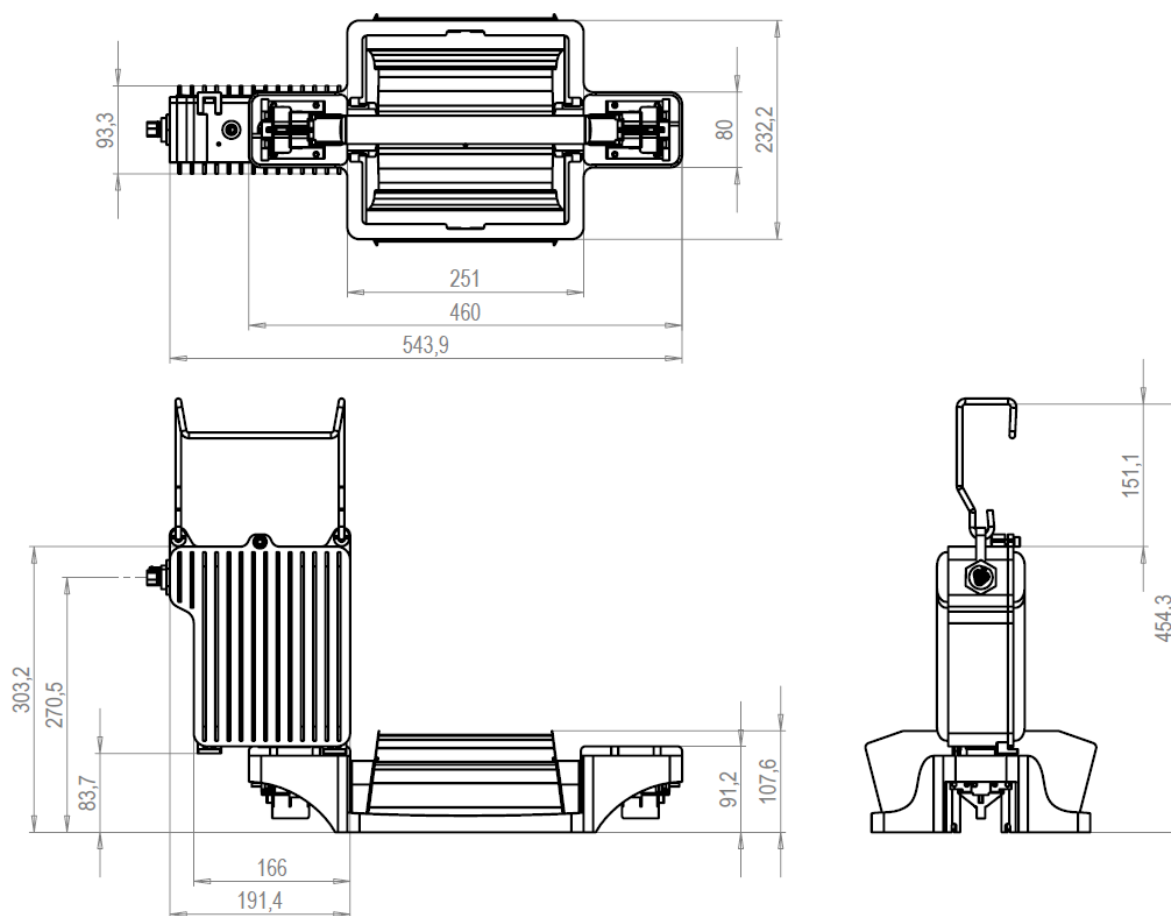


Designation	HORTURION HPS TL 600 / TL 750 / TL 1000
Supply voltage	400 V AC, 50/60 Hz
Power supply	Integrated BLV electronic power supply for optimal HORTURION lamp performance.
Electrical connection	Pre-assembled cable/connector, Wieland gesis® RST20i3 with 0,8 m cable, 1.5 mm ² , open ends.
Ambient temperature	Max. +35 °C with relative humidity not exceeding 95%.
Weight	4,5 kg net
Protection class	IP23 for the reflector and IP65 for the control gear compartment
Housing	Die-cast aluminum (Al-226) providing optimum heat dissipation for electronic power supply. Housing powder coated, white RAL 9003, glossy finish.
Reflector	Made out of high reflectance aluminum. Open construction for optimum lamp temperatures, longer life time and optimized light distribution. Easily removable for cleaning purposes (no lamp removal or tools needed).

2. Versions

Designation	Art. no.	Rated power	Power factor (min.)	Lamp
HORTURION HPS TL 600	HLF020600	621 W	0.97	HORTURION HPS 600 W DE EL
HORTURION HPS TL 750	HLF020750	776 W	0.97	HORTURION HPS 750 W DE EL
HORTURION HPS TL 1000	HLF021000	1,035 W	0.97	HORTURION HPS 1000 W DE EL 2.2

3. Dimensions



Note: Hook symbolizes example (customized depending on project)

4. Accessories

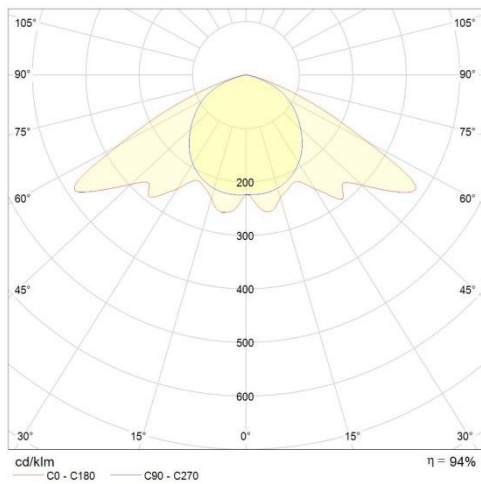
Designation

Art. no.

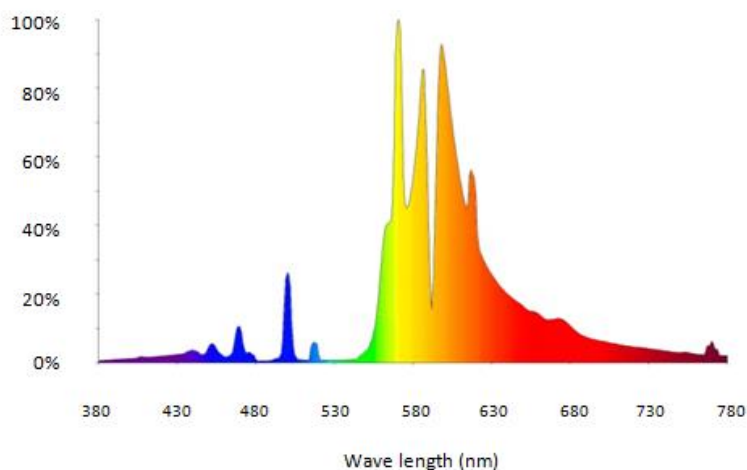
Suspension hook for the mounting of the luminaire on request

Connection box for the electrical connection of the luminaire HLA0201

5. Light distribution curve



6. Spectrum



Spectral distribution per 5 nm

7. Conformity (for luminaires)

Compliance with standards and directives (including all applicable amendments):

- Low voltage directive 2014/35/EU
- EMC directive 2014/30/EU
- RoHS directive 2011/65/EU
- EN 60598-1:2014
- EN 55015:2013
- EN 61000-3-2:2015
- EN 61000-3-3:2014
- EN 61547:2010
- EN 62471:2009-03