

200W LED Grow Light

Model Number

TA-GL200W

Introduction

The power of the sun seems hard to beat when it comes to growing plants. LED however can focus on specific wavelengths that not only perfectly match the sunlight spectrum curve but also allow for optimizing the light necessary to maximize photosynthesis. Blue light nurtures leaf and vegetative growth whereas Red light promotes flowering. Creating the ideal mix of useful spectrum, reducing less needed spectrum creates a more efficient lighting source allowing for shorter grow cycles, control in flowering, increase in fruit/flower quality, enhanced plant health, and improved overall production. TACH grow lights provide you with the ideal spectrum and most efficient illumination for your crop.

Working Conditions

- Operating Voltage: AC90V-305V-3.0A; 50/60Hz
- Working Environment: -30°C to 50°C
- Application: IP65 design for indoor and outdoor



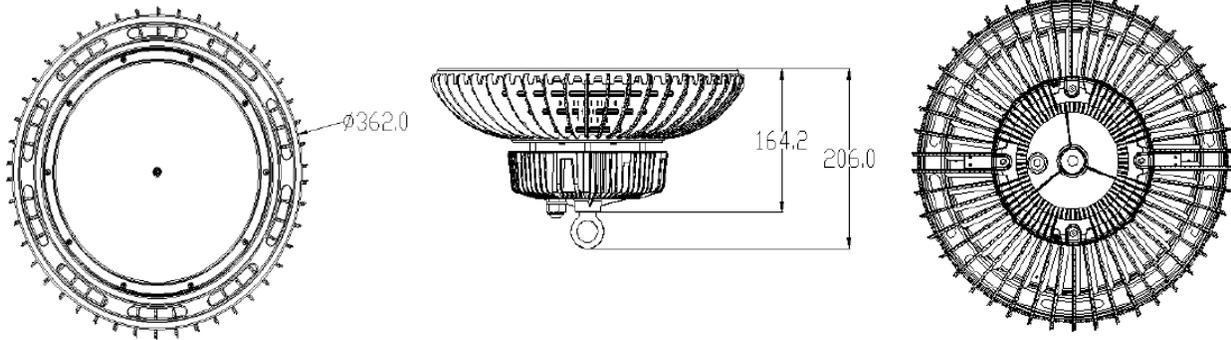
Features

- Full spectrum light source for maximizing photosynthesis
- Built in Mean-well driver with heat dissipation, provides stable performance, high efficiency and long life
- Cree high efficiency, high CRI, low light decay, high temperature resistant LEDs
- Shapely aluminum fin design for efficient airflow and heat dissipation
- Light Weight
- IP65 design is sealed and protected from the elements and designed for ease of cleaning and humid conditions
- Consumes nearly half the energy of conventional lighting sources
- Produces less damaging heat to the plant, reducing environmental control costs
- 5 Year Warranty

Specifications

Model	Voltage	Power	Power Factor	Luminous Flux	CRI	Beam Angle	Size Of Carton	Quantity/ Carton	N.W/ Carton	G.W/ Carton
TA-GL200W	90-305V	200W	0.95	16000lm	>90	120°	470*470*205 mm	1 pcs	4.96KG	6.38KG

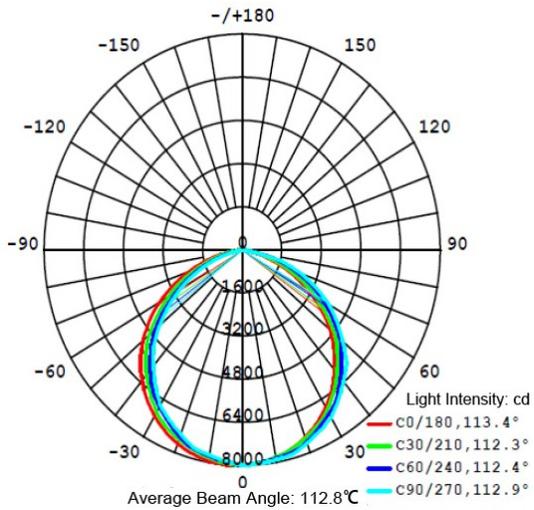
Structure



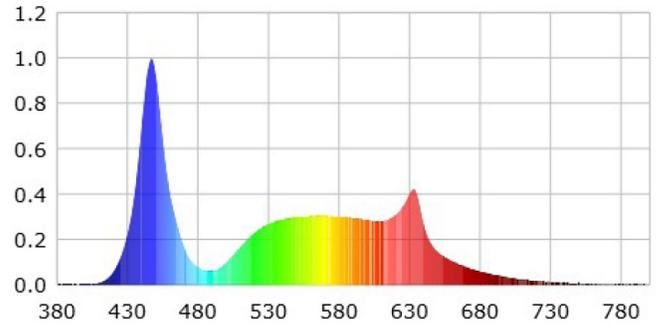
Product size (Unit: mm)

Size: $\varnothing 362 \times 362 \times 206$ mm

Luminaire



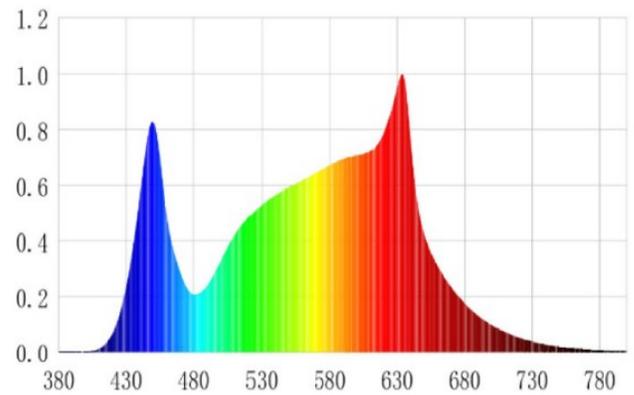
Spectrum



Veg

Temperature Test Report

Temperature Test Report Of Finished Product	
Power:	200W
Input Voltage:	120V/277V
Power Factor:	0.986
Test Of Time:	3h
Environment Temperature:	30.1 °C
LED:	64.5 °C
PCB:	56.1 °C
Power:	46.3 °C
Shell:	49.2 °C



Flower

Installation

Correctly connect the input wires, brown is L, Blue is N, yellow or green is Ground. Be certain wire connections are secure.

Comments

This fixture is for professional installation only

Read instruction manual completely prior to installation and retain for future reference

To avoid damage, failure, electric shock or fire, do not modify the fixture or replace accessories without first confirming with the supplier

Turn off the power supply and make certain the lamps are cooled prior to close examination

Ensure connections are accurate and secure

Check installation prior to initiating power

