

NAME: LED GROW LIGHTS

P/N: VCTGH-800WNLA1

“VCT”= CABA TECH

“GH”= Product series, LED grow lights

“800W “= Rating Power

“Y”= Driver manufacturer

“L”= Lu mi L E D s

“A1” = Version number



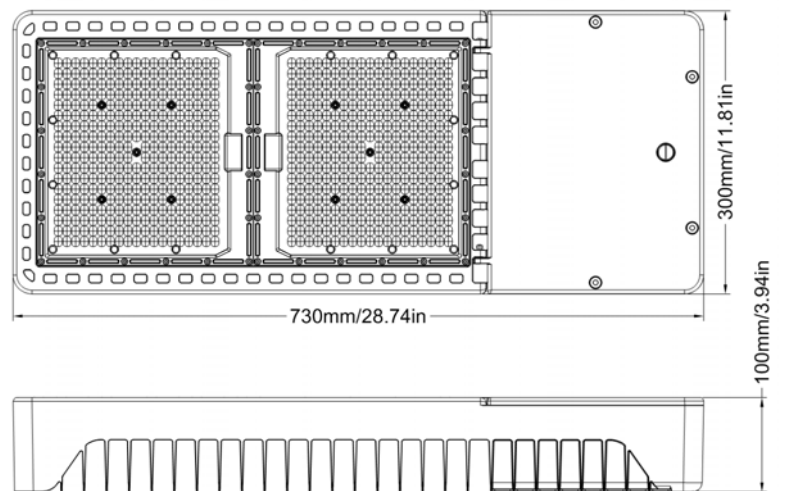
Advantage

- Input voltage 120-277VAC.
- Minimal UV or IR in the beam.
- Output constant current level can be adjusted through with 0-10V.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

Application

- Green House;
- Vertical Farming;
- Marijuana Cultivation;

DIMENSIONS

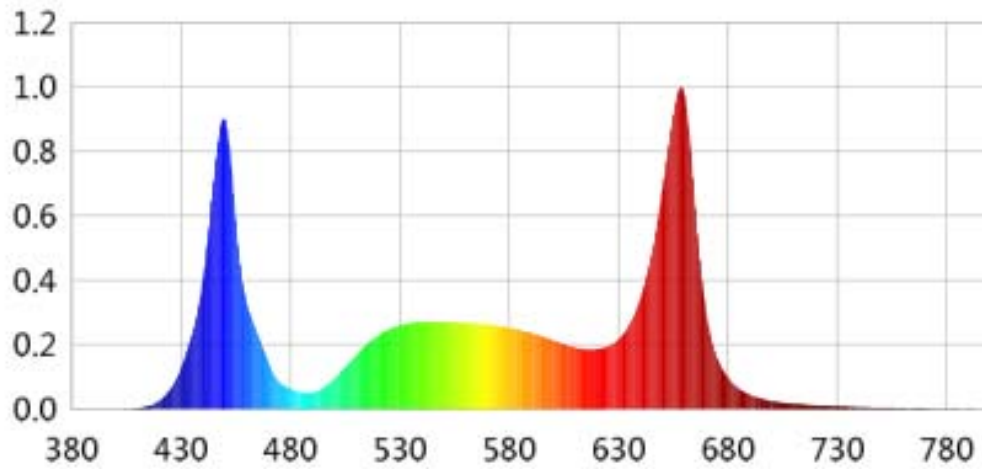


Specifications

Optical	
Input Power (Tolerance : ±10%)	800W
Photosynthetic photon flux (Tolerance : ±10%)	2080 μmols
Luminous Efficacy(Tolerance : -5%)	2.6μmol/J
Viewing Angle (Tolerance : ±10%)	T2 S
Spectrum	Indoor Spectrum
CRI	>60
Electrical	
Input Voltage	120-277VAC 50/60Hz
PF (Tolerance : -3%)	≥0.9
THD(Tolerance : +5%)	≤20%
Driver Brand	YG Driverr
Driver Surge protection	L/N-PE: 10kV, L-N: 6kV
Dimming	0-10V Dimming standard
Materials	
LED Brand	LumiLED Hort+
Housing	Aluminum Alloy
Housing Color	Silver or Customized
Waterproof Rating	DAMP
Others	
Operating Temperature	-40°C TO 40°C
Operating Humidity	10%- 90% RH
Storage Temperature	-40°C TO 90°C
Storage Humidity	5%-95% RH
Warranty Time	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.

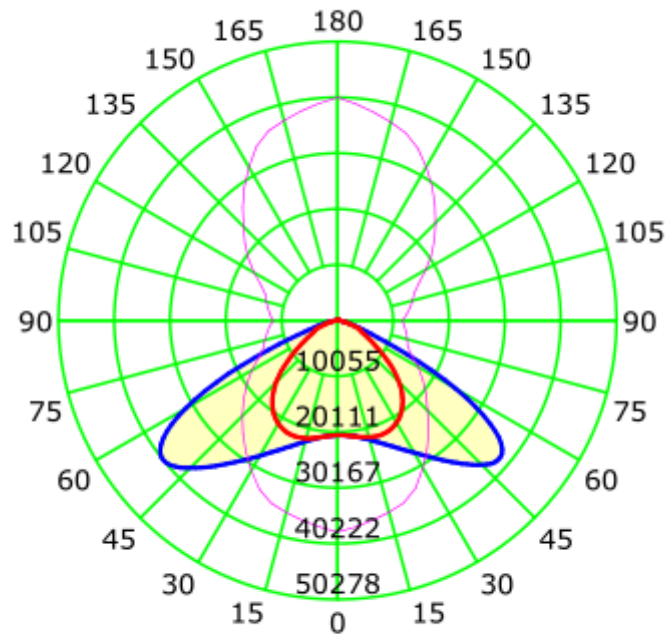
Spectrum

Indoor Spectrum



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 114.9°

— C0-C180 — C90-C270 - - - G51

Package

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Corrugated Box	840*370*180mm	1 PC	14.5KG	/

Tolerance of Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.

Notice For User

- Please turn off power before installation or service.
- The input voltage should be matched to plug type, Please make sure the wiring section is insulated.
- Non-professionals, must not install and disassemble the lamps.
- Lights are design for Horticultural applications only