

Full Spectrum 160W UFO LED High Bay Grow Light



<https://www.youtube.com/watch?v=7t-sYWlORvs&feature=youtu.be>

FEATURES

- Full Spectrum UV + IR

Optimized full spectrum ranges from 380-780nm at proper ratio.

Provides hydro & soil-based indoor plants all necessary easy absorbable quantum photons for photosynthesis process like they are in natural sunlight.

- True 160W power draw plus professional OPTICAL LENS, light penetrates deep into canopy, boosts dens buds with resinous colas.

APPLICATIONS

*Applications: Hydroponics, Home Indoor Garden, Indoor Greenhouse, Grow Tent

Target Population: Indoor Grower, Greenhouse Farmer, Agricultural Cultivator

*Grow Stages: Vegetative, Flowering and Seedling

Attention Please

*Do not stare at LEDs directly when the light is operational.

*Place Lens side down onto the desk when the light is operational will cause Lens melted.

*IP65, indoor or outdoor use.

*Use products in good ventilation condition only.

*Hang NO LESS THAN 40" above the plants in case of sun burn.

*Can be controlled by Timer.

SPECIFICATION

Part #.	GL-UFO160W
Input Voltage	AC85~265V
Dimension	Dia.400*H190 (mm)
Frequency	50/60Hz
Protection Grade	IP65
Material	Aluminum + PMMA
LED Quantity	280pcs SMD3030
Power	160W
LED Wavelength	460nm Blue, 630nm Red, 660nm Deep Red, 740nm IR, 395nm UV, 6000K White
Wavelength	380nm-780nm
Dimming	Phase/0-10V/PWM dimmable
Working Temp.	-20~45°C
Application	Plant Canopy
Life Span	≥25000Hours
Finish Color	Black
Beam Angle	120° (60° and 90° is also available)
Suggestion Hanging Height	1.5m
PPDF	54μmol/m2/s/ (1.5Meter); 99μmol/m2/s/ (1.0Meter)
G.W.(Kg)	5.5Kgs

Spectrum Test Report

Sample Info.:

Name:160—2

SN:001

Date:2018-06-04

TMP:25.3 DEG

Remark:-----

Type:S-1

Tester:Admin

Humidity:65 %RH

Meter state:

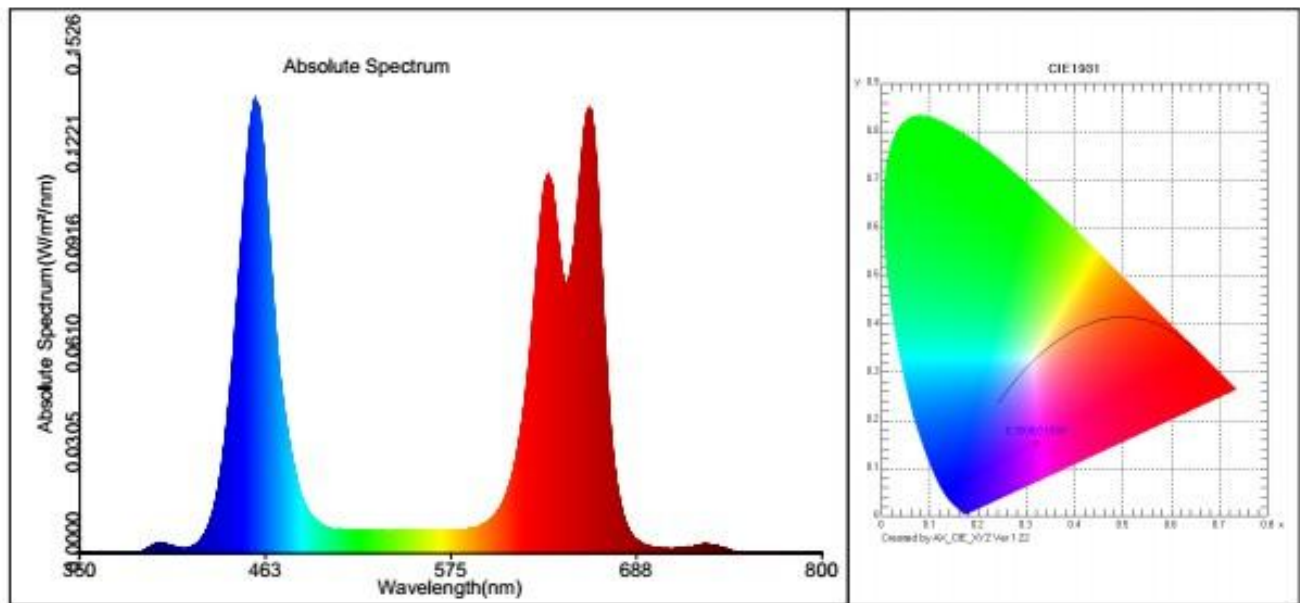
Test Meter: PLA-20

Integral T: 350 ms

Sensitivity: High

PeakAD Ip: 44997.4

Average times: 3



Test parameter:

E= 1331.7 lx

E(fc)=123.764 fc

CIE x= 0.3209

CIE y= 0.1534

CIE u'=0.3056

CIE v'=0.3288

Tc=100000 K

Lp=456.0 nm

HW=23.9 nm

Ld=380.0 nm

Pur=49.4 %

Ratio_R=54.0 %

Ratio_G=31.5 %

Ratio_B=14.4 %

Duv=-0.13346

Ra=-77.8

R1=-137

R2=-91

R3= 27

R4=-72

R5=-116

R6=-81

R7= 32

R8=-186

R9=-668

R10=-299

R11=-97

R12=-133

R13=-143

R14= 64

R15=-220

SDCM=86.6(F5000)

White Class:OUT

E1(400-700nm)=11.356 W/m²

E2(380-780nm)=11.466 W/m²

Ech-A=2.7916 W/m²

Ech-B=4.0272 W/m²

Ef=0.084308 W/m²

Eb=4.3803 W/m²

Ey=0.76787 W/m²

Er=6.2097 W/m²

Ep=9.7913 Wphyto/m²

Erb_Ratio=1.4177

PPFDf=5.1380E-001 μmol/(m²·s)

PPFD(Eq)=53.762 μmol/(m²·s)