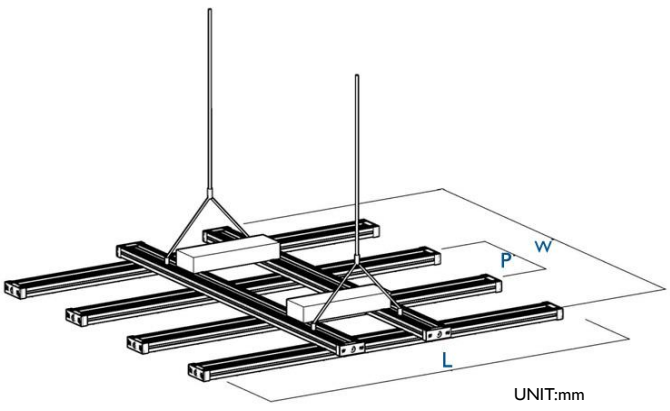
Description:

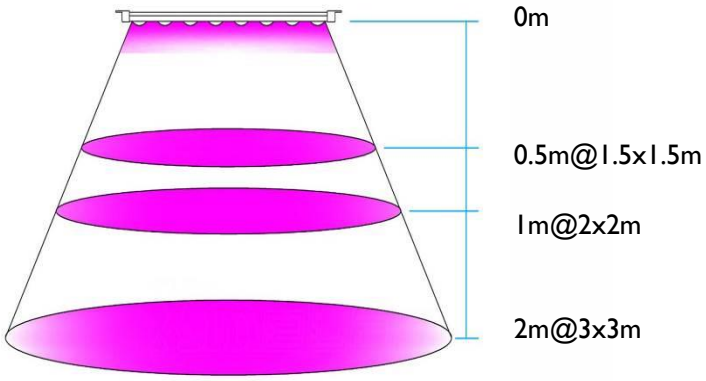
RX-GW78-900Z Toplighting medical plant growth module array lamp, Koray LED Grow Lights, New patent design product with unique lens, Different LED chips in one lens, Concentrating Light efficiently and More uniform spectral radiation, directional light ,higher light utilization efficiency, more efficient comparing with common grow lights. Specially designed for medicinal planting, high PAR output, optimal plant-specific spectrum, from UV to Far red, to meet the light requirements of medicinal plants, fully stimulate medicinal ingredients. It is especially used for indoor planting of medicinal plants, planting planting tents, and scientifically experimenting planting.

1. Basement, grow tent planting medicinal plants
2. Large size 0.9x0.9m (3'x3'), multiple Bar arrays, uniform spectral radiation
3. High PAR output, PPFD>510μmol/m²/s
4. D6 Spectrum - Dedicated to medicinal and medical plant growth
5. Meanwell LED Power, long life more reliable
6. Waterproof IP65, Can be used in humid environments
7. LED strip distance 230mm can be adjusted according to the demand
8. Input: AC100~305V, PF >0.9 Powr:360W
9. Long life up to 50,000 hours
10. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD μmol/m²/s	Luminous flux Radiation Power	Power Input	Comment
RX-GW78-900Z-4	900x900x110mm	D6	698μmol @0.3m 22359Lx 656μmol @0.5m 20448Lx 423μmol @1m 12544Lx	Flux 15000Lm	360W	Ra50 3000K German brand Horticultural LED, Recommended Grow Medicinal plants
Surface temperature rise Tc 32° K , Operating temperature: -30° C ~ 40° C , Lifespan: 50,000 hrs (Note: Ta ≤ 25° C) Tolerance range for optical and electrical data: ±10 %. Light emitting angle: 60 ° Recommended irradiation distance 0.5 ~ 3m; 0.3 ~ 1m for medicinal planting, 0.5 ~ 3m for vegetable cultivation, 1 ~ 3m for greenhouse fill light.						

Dimension:





P: 230mm Adjustable spacing
L: 900mm
W: 900mm

PPFD Test

Spectrum Test Report

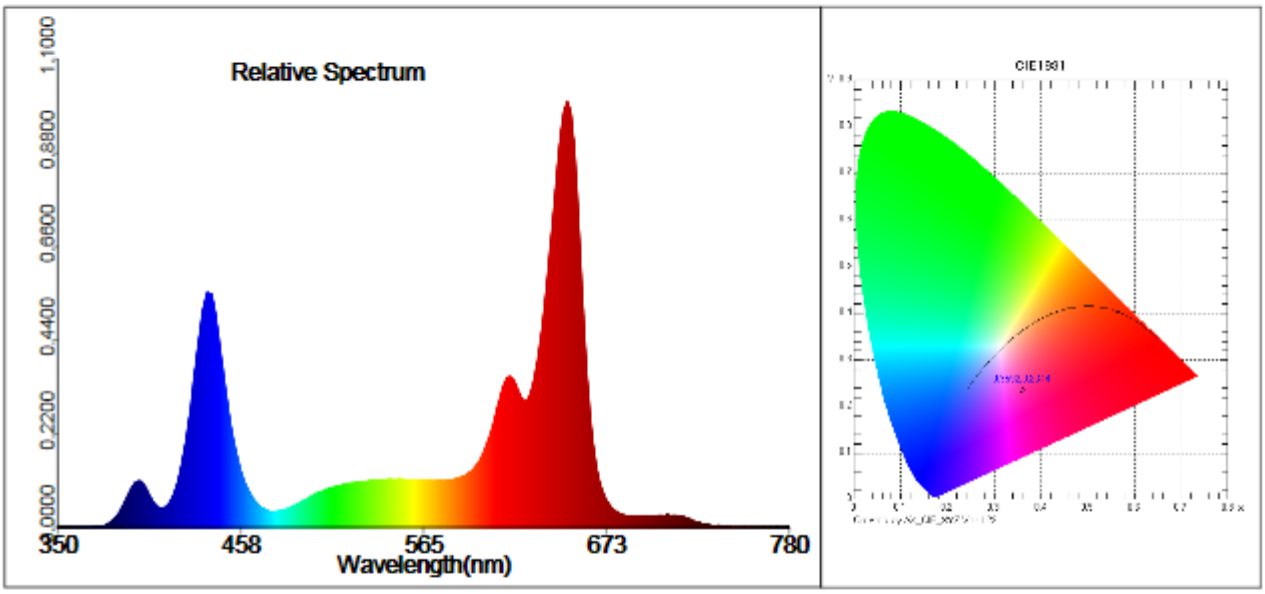
Sample Info.:

Name:GW78 900x4 D6 H30
SN:001
Date:2013-01-19
TMP:25.3 DEG
Remark:----------

Type:S-1
Manu:EVERFINE
Tester:Admin
Humidity:65 %RH

Meter state:

Test Meter: PLA-20
Integral T: 5 ms
Sensitivity: High
PeakAD Ip: 50488.6
Average times: 1



Test parameter:

E= 22359.3 lx
E(fc)=2078 fc

CIE x= 0.3592
CIE y= 0.2344
CIE u'=0.2820
CIE v'=0.4141
Tc=2797 K
Lp=664.0 nm
HW=24.1 nm
Ld=610.2 nm
Pur=30.7 %
Ratio_R=35.8 %
Ratio_G=59.5 %
Ratio_B=4.8 %
Duv=-0.07789

Ra=49.3
R1= 36
R2= 55
R3= 92
R4= 48
R5= 32
R6= 46
R7= 80
R8= 4
R9=-112
R10= 14
R11= 38
R12= -9
R13= 34
R14= 91
R15= 4

SDCM=63.4(3500K/White)
White Class:OUT

E1=144 W/m2
E2=149.1 W/m2
PPFD=697.95 µmol/(m·s)
Ech-A=38.405 W/m2
Ech-B=25.195 W/m2
Ef=2.6399 W/m2
Eb=38.393 W/m2
Ey=23.525 W/m2
Er=82.123 W/m2
Ep=127.9 Wphyto/m2
Erb_Ratio=2.139
PPFDf=1.5993E+001 µmol/(m2·s)