

## Light Source Spectrum Test Report

**Product Mark**

Model No. :T8-120CM-5000K

Temperature :25'C

Operator :01

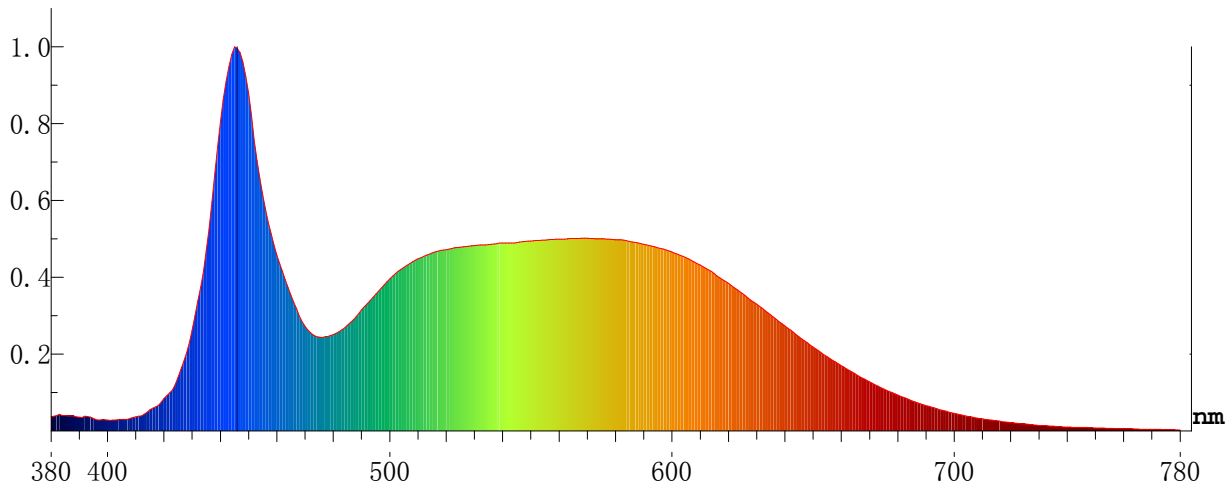
Remark :

Manufacturer :TWILIGHT GROUP CO.,LTD

Humidity :65%

Test Date :2020-10-07 11:07:40

Current Wavelength:446nm, Absolute Power:131.855mW/nm



**Photosynthetically Parameters**

PPFD=63.757umol/m2/s

PPFDg=29.375umol/m2/s

PRF=11.9W/m2

Euv=0.0968W/m2

Er=3.0859W/m2

300~400nm: 0.7%

601~700nm: 21.4%

ΦchA=0.2106W

ΦchB=0.1695W

PPFDuv=0.315umol/m2/s

PPFDr=16.357umol/m2/s

Eb=4.7255W/m2

Efr=0.1590W/m2

401~500nm: 32.7%

701~800nm: 1.1%

ΦchAt=2.7347J

ΦchBt=2.2008J

PPFDb=18.025umol/m2/s

PPFDfr=0.963umol/m2/s

Photon Flux=65.035umol/m2/s

Eg=6.3736W/m2

R:B=0.6530

501~600nm: 44.1%

>800nm: 0.0%

PPE=1.8umol/J

PFE=0.409W/W

**Photo Parameters**

Illum.:4419.90lx

Radiant:14.44W

**Ele. Parameters**

Voltage:U=220.300V

Power:P=35.33W

Current:I=0.1640A

Power Factor:PF=0.975

**Lamp Parameters**

Voltage:U=220.300V

Power Factor:PF=0.975

Current:I=0.1640A

Efficacy:0.0lm/W

Power:P=35.33W

Instrument state Hopoo Optoelectronics Technology CO.,LTD www.hopoo.net

Instrument Type:Hopoo HPS2000 Integral Time: 77.000ms VPeak: 55784

Instrument ID: 201906051 Scan Range: 380-780nm VDark: 2025