

# The Light You Can Trust



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Official Website



## LED Foldable Lamp

Model : Gemo-LP11 | Part No. : WDP-P11



Products of Thailand

Eff. Date 9/12/24  
Rev.0

# LED Foldable Lamp

Model : Gemo-LP11 Part No. : WDP-P11

Portable compact folding LED lamp. Flexible design with adjustable angles and a foldable arm, allowing users to direct the light precisely where needed and easily store or transport the lamp when not in use. The adjustable and automatically shuts off when folded shut. Comfortable illumination for working with diamonds and gemstones.



## FEATURES

- Available in 5700K and 6500K
- 98+ CRI and R9 > 95
- USB cable (Type C)
- Adjustable angles foldable arm
- Economic power consumption and low heat generation
- 3000mAh battery, last for 5 hours at the brightness level
- More than 50,000 hours lifetime and 1 year warranty



## PHOTOMETRIC SPECIFICATIONS

Luminous Flux :	240 lumens
LED :	Seoul
CRI :	98+
R9 :	95+
Flicker Free :	Yes
LED Lifetime (L70) :	50,000 hours

Model	Part No.	Power	TC
Gemo-LP11	WDP-P11	4W	5700K, 6500K

## ELECTRICAL SPECIFICATIONS

Power :	4W
Input voltage :	USB 5VDC (Type C)
Illuminance :	2000Lux ±15% @23 cm.

## TECHNICAL SPECIFICATIONS

Illuminants :	Noon Sky Daylight 5700K 3 steps Daylight 6500K 3 steps
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## MECHANICAL SPECIFICATIONS

Colour Available :	White, Black
Enclosure material :	ABS+Aluminium
Warranty :	1 Year



The lampshade can be fold or reversed



Can be used as a storage box to put usb cable in side



Type-C  
With indicator light



The touch switch is located on the upper part, which is convenient to control

# LED Foldable Lamp

Model : Gemo-LP11 Part No. : WDP-P11



## Spectrum Test Report

### Sample Info.:

Name: LED Foldable Lamp 5700K

Type:S-1

SN:001

Manu:W.I.P. ELECTRIC CO., LTD.

Date:2024-11-23

Tester:Chanchai Chimwai

TMP:25.3 DEG

Humidity:65 %RH

Remark: LED Foldable Lamp 5700K

### Meter state:

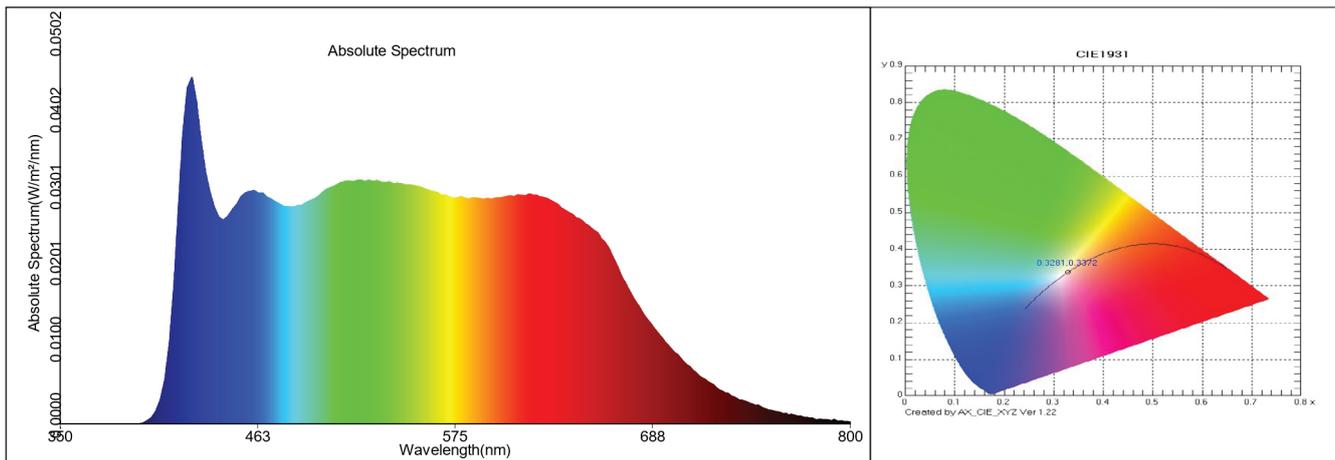
Test Meter: PLA-20

Sensitivity: High

Integral T: 970 ms

PeakAD Ip: 47718.8

Average times: 1



### Test parameter:

E= 2444.0 lx

E(fc)=227.138 fc

CIE x= 0.3281

CIE y= 0.3372

CIE u'=0.2053

CIE v'=0.4749

Tc=5700 K

Lp=425.0 nm

HW=247.3 nm

Ld=501.6 nm

Pur=1.6 %

Ratio\_R=16.8 %

Ratio\_G=76.8 %

Ratio\_B=6.4 %

Duv=0.00002

Ra=97.1

R1= 99

R2= 98

R3= 96

R4= 95

R5= 98

R6= 99

R7= 96

R8= 96

R9= 94

R10= 96

R11= 95

R12= 92

R13= 99

R14= 97

R15= 97

SDCM= 5.7(5300K/ENM)

White Class:C78.377\_5700K

E1(400-700nm)=8.9745 W/m<sup>2</sup>

E2(380-780nm)=9.2945 W/m<sup>2</sup>

Ech-A=1.7086 W/m<sup>2</sup>

Ech-B=1.7738 W/m<sup>2</sup>

Ef=0.29693 W/m<sup>2</sup>

Eb=2.9964 W/m<sup>2</sup>

Ey=3.405 W/m<sup>2</sup>

Er=2.5798 W/m<sup>2</sup>

Ep=7.5517 Wphyto/m<sup>2</sup>

Erb\_Ratio=0.86097

PPFDf=1.8019E+000 μmol/(m<sup>2</sup>·s)

PPFD=40.806 μmol/(m<sup>2</sup>·s)

# LED Foldable Lamp

Model : Gemo-LP11      Part No. : WDP-P11

## Spectrum Test Report

### Sample Info.:

Name: LED Foldable Lamp 6500K

Type:S-1

SN:001

Manu:W.I.P. ELECTRIC CO., LTD.

Date:2024-11-23

Tester:Chanchai Chimwai

TMP:25.3 DEG

Humidity:65 %RH

Remark: LED Foldable Lamp 6500K

### Meter state:

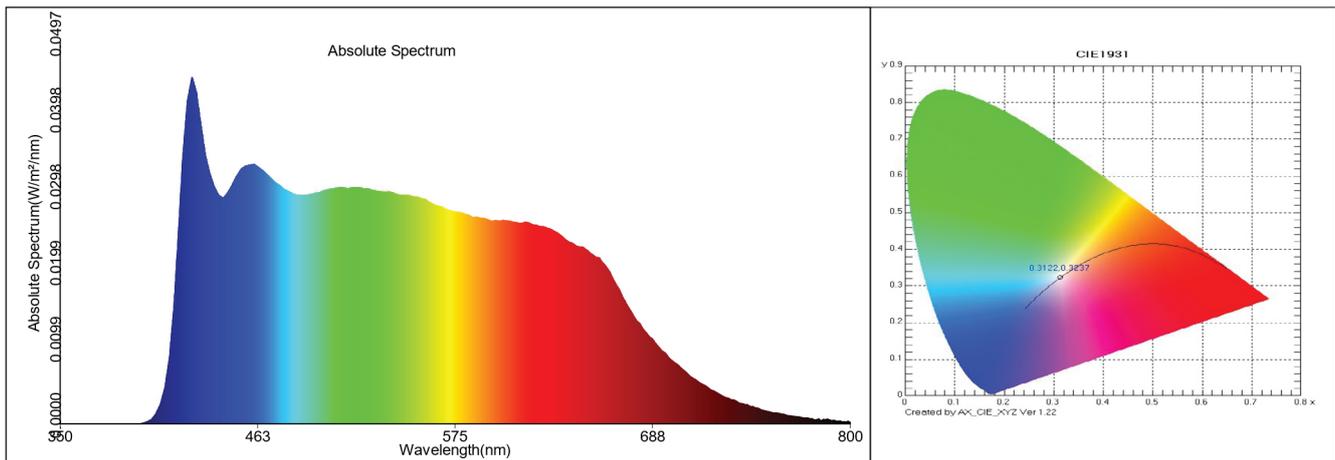
Test Meter: PLA-20

Sensitivity: High

Integral T: 899 ms

PeakAD Ip: 43732.1

Average times: 1



### Test parameter:

E= 2282.3 lx

E(fc)=212.113 fc

CIE x= 0.3122

CIE y= 0.3237

CIE u'=0.1995

CIE v'=0.4654

Tc=6577 K

Lp=425.0 nm

HW=233.8 nm

Ld=485.7 nm

Pur=7.9 %

Ratio\_R=15.6 %

Ratio\_G=77.2 %

Ratio\_B=7.2 %

Duv=0.00073

Ra=97.8

R1= 99

R2= 98

R3= 97

R4= 97

R5= 99

R6= 98

R7= 97

R8= 97

R9= 94

R10= 96

R11= 97

R12= 96

R13= 99

R14= 98

R15= 98

SDCM= 6.4(7200K/national)

White Class:C78.377\_6500K

E1(400-700nm)=8.5273 W/m²

E2(380-780nm)=8.7985 W/m²

Ech-A=1.5821 W/m²

Ech-B=1.7768 W/m²

Ef=0.25145 W/m²

Eb=3.1088 W/m²

Ey=3.2024 W/m²

Er=2.2223 W/m²

Ep=7.11 Wphyto/m²

Erb\_Ratio=0.71485

PPFDf=1.5260E+000 µmol/(m²·s)

PPFD=38.384 µmol/(m²·s)