

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 03/04/25
Rev.3

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.

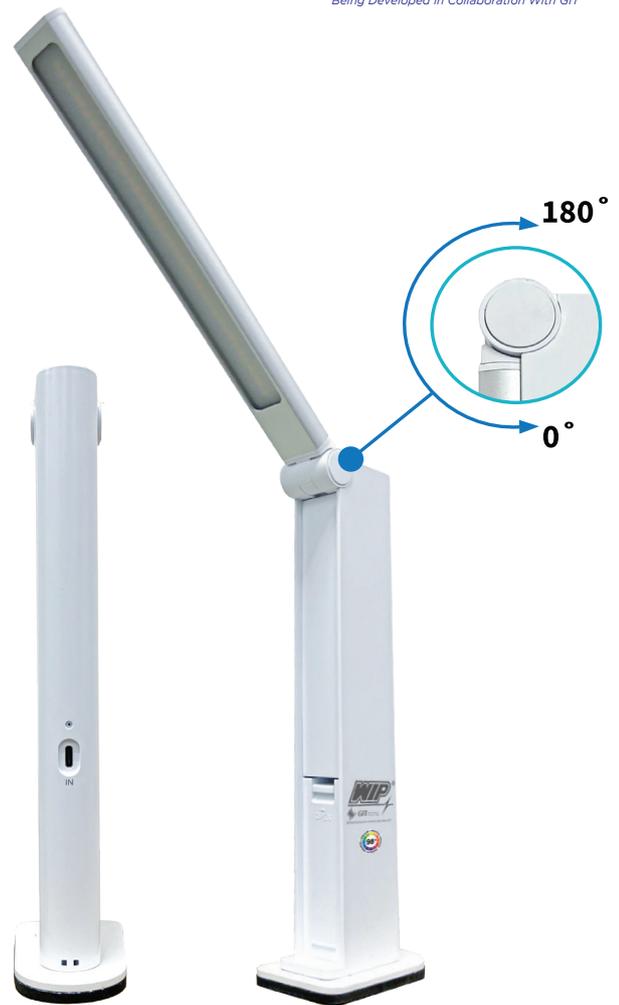


The lampshade can be fold or reversed

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



FEATURES

- Available in 4500K, 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



ELECTRICAL SPECIFICATIONS

Power :	4W
Input voltage :	USB 5VDC (Type C)
Illuminance :	2200Lux ±15% @20 cm.
Battery :	3.7V 3000mAh
Battery Life :	Up to 4 Hours

Model	Part No.	Power	TC
Gemo-LP11	WDP-P11	4W	4500K, 5700K, 6500K

TECHNICAL SPECIFICATIONS

Illuminants :	Cool White 4500K 3 steps Noon Sky Daylight 5700K 3 steps Daylight 6500K 3 steps
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MECHANICAL SPECIFICATIONS

Colour Available :	White, Black
Enclosure material :	ABS+Aluminium
Weight :	0.350Kg.
Gross Weight :	0.487Kg.
Warranty :	1 Year



LED Foldable Lamp

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



Spectrum Test Report

Sample Info.:

Name:Lamp LP11_4500K CRI98

Type:S-1

SN:001

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

Date:2025-02-14

Tester:Chanchai Chimwai

TMP:25.3 DEG

Humidity:65 %RH

Remark:Lamp LP11_4500K CRI98 At:20cm SEOUL

Meter state:

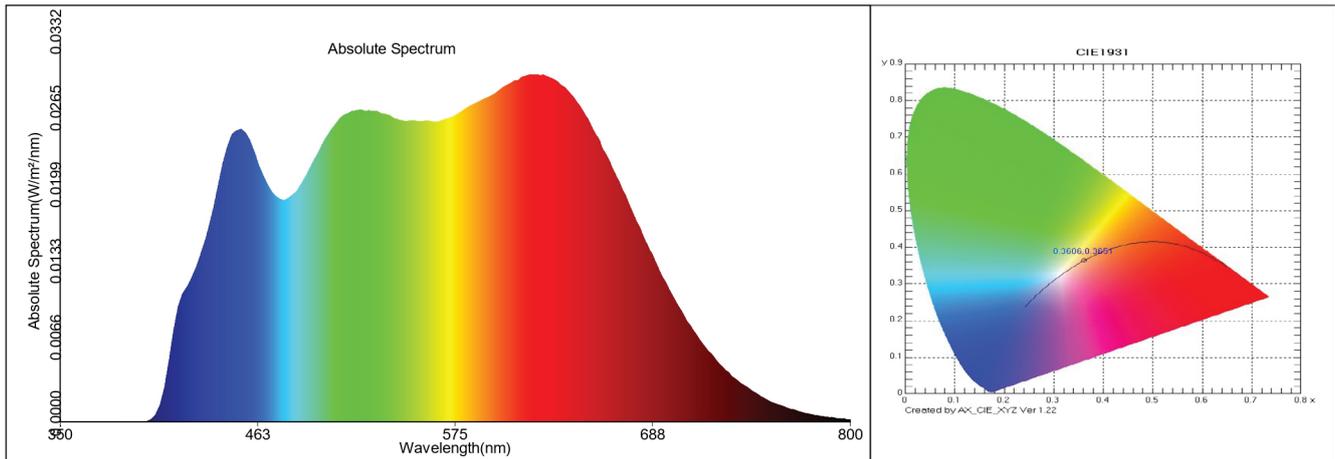
Test Meter: PLA-20

Sensitivity: High

Integral T: 1514 ms

PeakAD Ip: 46789.4

Average times: 1



Test parameter:

E= 2144.1 lx

E(fc)=199.261 fc

CIE x= 0.3606

CIE y= 0.3651

CIE u'=0.2166

CIE v'=0.4934

Tc=4516 K

Lp=621.0 nm

HW=253.9 nm

Ld=576.2 nm

Pur=17.8 %

Ratio_R=19.1 %

Ratio_G=75.6 %

Ratio_B=5.3 %

Duv=0.00084

Ra=98.7

R1= 99

R2=100

R3= 99

R4= 99

R5= 99

R6= 98

R7= 99

R8= 97

R9= 93

R10= 99

R11= 96

R12= 93

R13= 99

R14= 99

R15= 99

SDCM= 9.1(F4000)

White Class:C78.377_4500K

E1(400-700nm)=7.4463 W/m²

E2(380-780nm)=7.7891 W/m²

Ech-A=1.255 W/m²

Ech-B=1.379 W/m²

Ef=0.32353 W/m²

Eb=1.8821 W/m²

Ey=2.9404 W/m²

Er=2.6297 W/m²

Ep=6.3966 Wphyto/m²

Erb_Ratio=1.3972

PPFDf=1.9616E+000 μmol/(m²·s)

PPFD=34.85 μmol/(m²·s)

LED Foldable Lamp

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



Spectrum Test Report

Sample Info.:

Name:Lamp LP11_5700K CRI98

Type:S-1

SN:001

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

Date:2025-02-14

Tester:Chanchai Chimwai

TMP:25.3 DEG

Humidity:65 %RH

Remark:Lamp LP11_5700K CRI98 At:20cm SEOUL

Meter state:

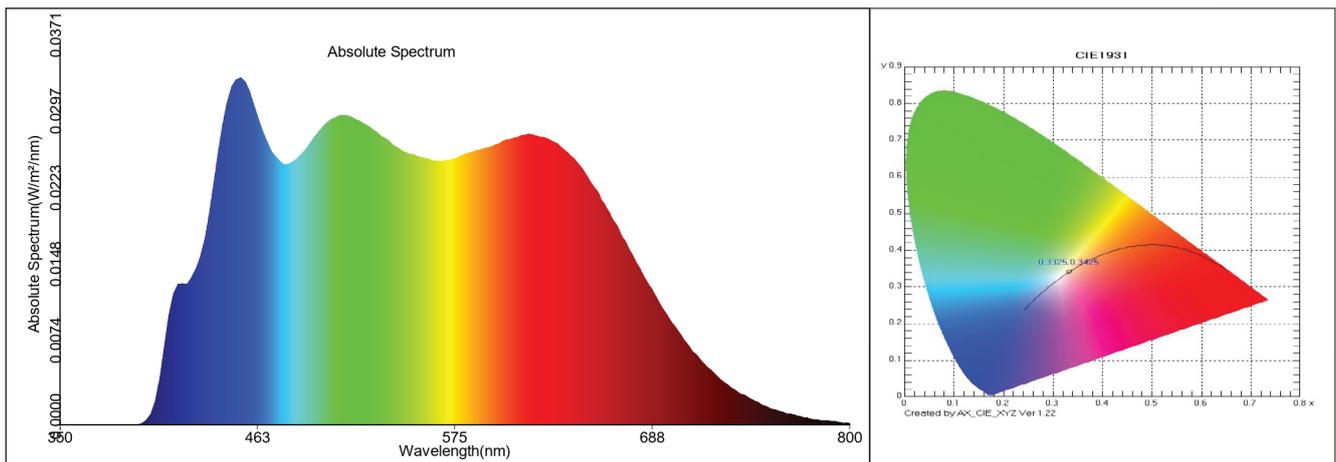
Test Meter: PLA-20

Sensitivity: High

Integral T: 1109 ms

PeakAD Ip: 40525.9

Average times: 1



Test parameter:

E= 2176.7 lx

E(fc)=202.297 fc

CIE x= 0.3325

CIE y= 0.3425

CIE u'=0.2064

CIE v'=0.4783

Tc=5496 K

Lp=453.0 nm

HW=243.9 nm

Ld=550.1 nm

Pur=2.5 %

Ratio_R=17.6 %

Ratio_G=75.8 %

Ratio_B=6.7 %

Duv=0.00067

Ra=96.5

R1= 95

R2= 97

R3= 98

R4= 95

R5= 95

R6= 95

R7= 98

R8= 99

R9= 96

R10= 93

R11= 91

R12= 94

R13= 95

R14= 99

R15= 97

SDCM= 3.0(5300K/ENM)

White Class:C78.377_5700K

E1(400-700nm)=7.8911 W/m²

E2(380-780nm)=8.2036 W/m²

Ech-A=1.2872 W/m²

Ech-B=1.5872 W/m²

Ef=0.29356 W/m²

Eb=2.4489 W/m²

Ey=3.0204 W/m²

Er=2.428 W/m²

Ep=6.6623 Wphyto/m²

Erb_Ratio=0.99146

PPFDf=1.7800E+000 μmol/(m²·s)

PPFD=36.243 μmol/(m²·s)

LED Foldable Lamp

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

Spectrum Test Report

Sample Info.:

Name:Lamp LP11_6500K CRI98

Type:S-1

SN:001

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

Date:2025-02-14

Tester:Chanchai Chimwai

TMP:25.3 DEG

Humidity:65 %RH

Remark:Lamp LP11_6500K CRI98 At:20cm SEOUL

Meter state:

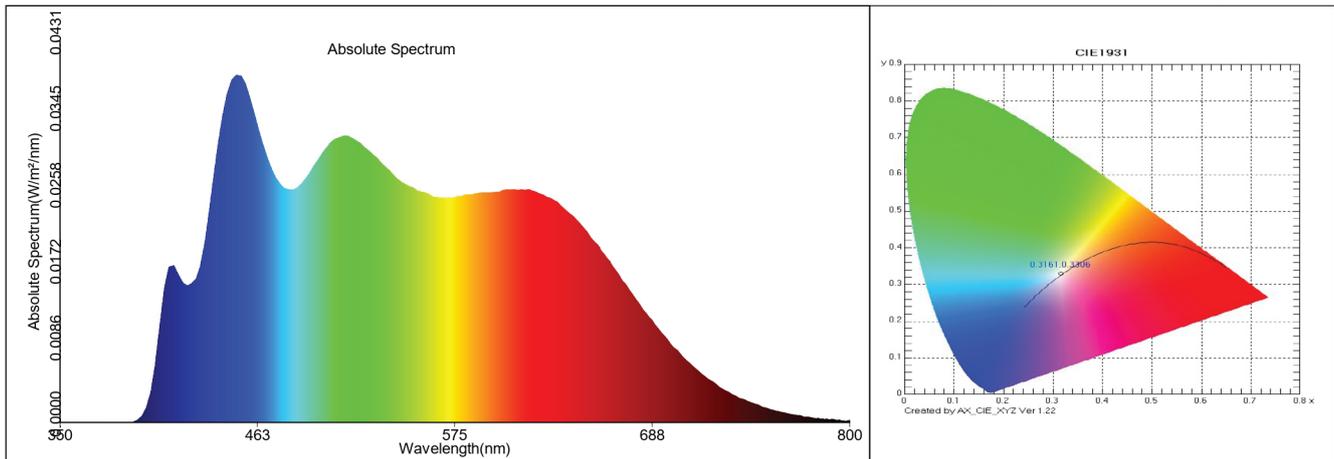
Test Meter: PLA-20

Sensitivity: High

Integral T: 1017 ms

PeakAD Ip: 39520.5

Average times: 1



Test parameter:

E= 2177.9 lx

E(fc)=202.403 fc

CIE x= 0.3161

CIE y= 0.3306

CIE u'=0.1996

CIE v'=0.4697

Tc=6314 K

Lp=451.0 nm

HW=225.6 nm

Ld=489.6 nm

Pur=6.0 %

Ratio_R=16.2 %

Ratio_G=76.7 %

Ratio_B=7.1 %

Duv=0.00231

Ra=97.7

R1= 97

R2= 98

R3= 99

R4= 96

R5= 97

R6= 97

R7= 99

R8= 99

R9= 98

R10= 96

R11= 92

R12= 94

R13= 97

R14= 99

R15= 98

SDCM= 4.4(F6500)

White Class:C78.377_6500K

E1(400-700nm)=8.0439 W/m²

E2(380-780nm)=8.326 W/m²

Ech-A=1.3046 W/m²

Ech-B=1.7054 W/m²

Ef=0.25977 W/m²

Eb=2.7853 W/m²

Ey=3.0707 W/m²

Er=2.1941 W/m²

Ep=6.7188 Wphyto/m²

Erb_Ratio=0.78774

PPFDf=1.5754E+000 µmol/(m²·s)

PPFD=36.413 µmol/(m²·s)