The Light You Can Trust

All Contact

WIP® GIT Gem and Jewelry Institute of Thailand

Being Developed in Collaboration With GIT

LED Foldable Lamp

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

FLICKER FREE

LED

Natural Light



HIGHCRI • HIGHCRI • HIGHCRI • HIGHCRI • 98+

SEOUL LEDiL® RoHS Green Industry

Products of Thailand

Eff. Date 14/07/25
Rev.4

LED Foldable Lamp

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

Being Developed in Collaboration With GIT

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

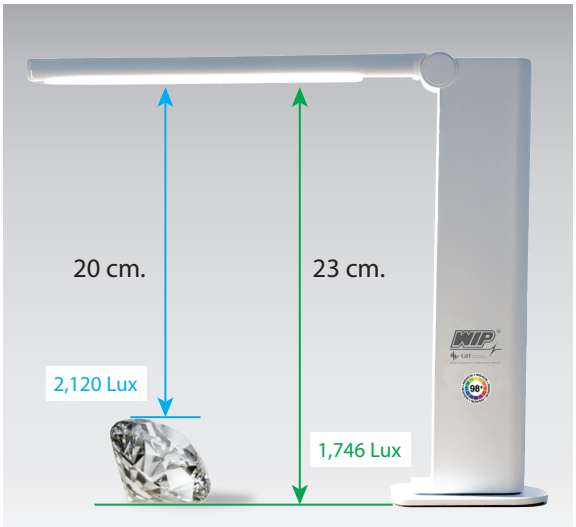
TECHNICAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Colour Avalible :	White, Black
Enclosure material :	ABS+Aluminium
Weight :	0.350Kg.
Package dimension (H x W x D) :	7.5 cm x 9.5 cm x 6 cm
Gross weight :	0.500Kg.
Warranty :	1 Year

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



LED Foldable Lamp

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

Being Developed in Collaboration With GIT

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

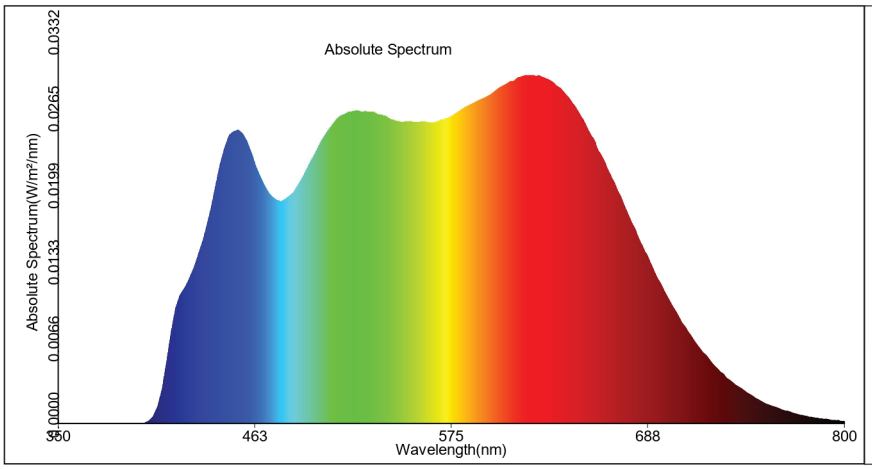
Humidity:65 %RH

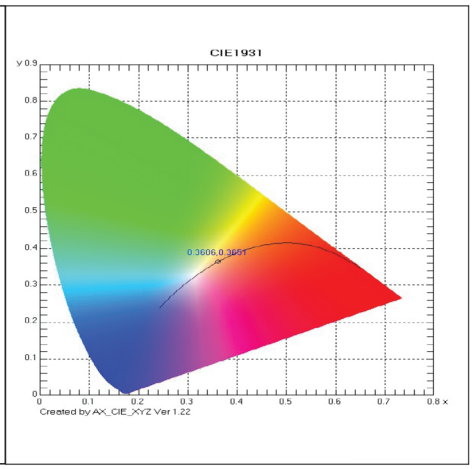
Remark:Lamp LP11_4500K CRI98 At:20cm SEOUL

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

Being Developed in Collaboration With GIT

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

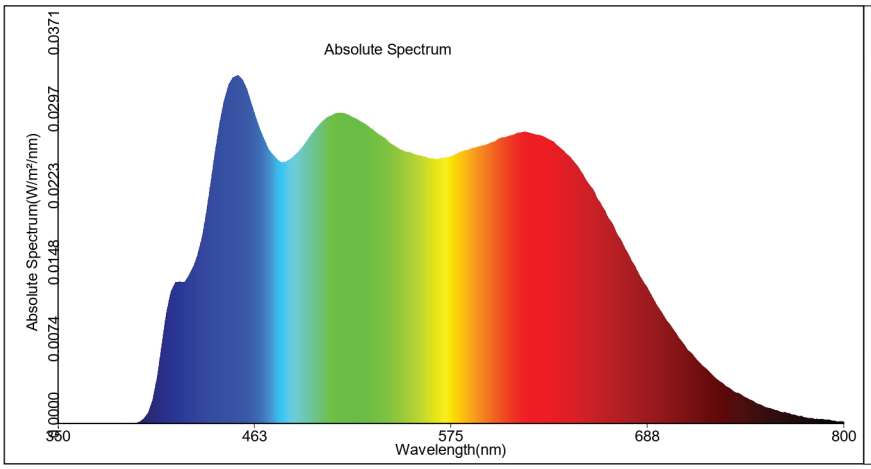
Humidity:65 %RH

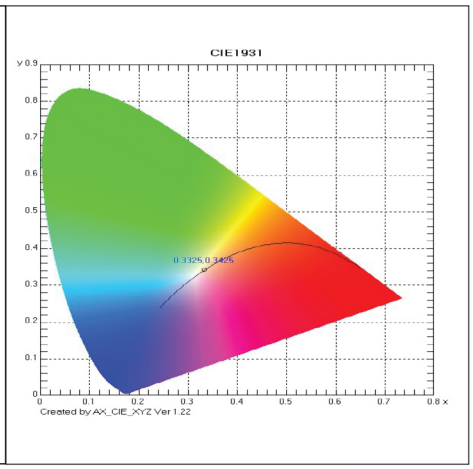
Remark:Lamp LP11_5700K CRI98 At:20cm SEOUL

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

Being Developed in Collaboration With GIT

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

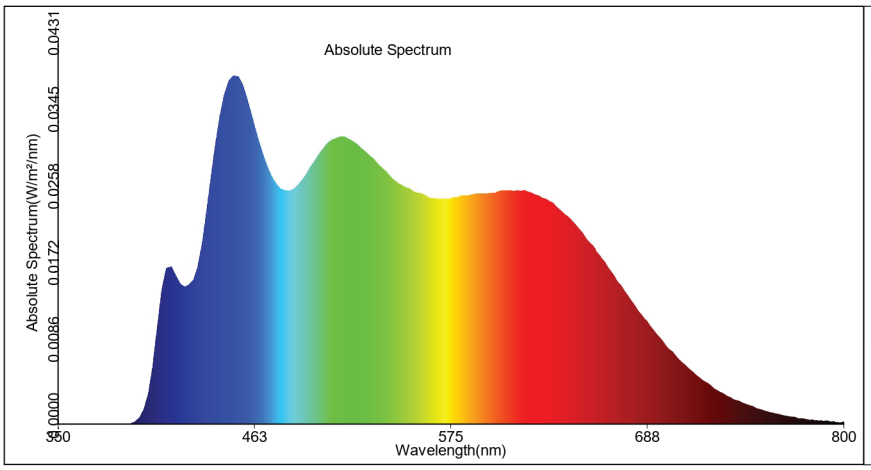
Humidity:65 %RH

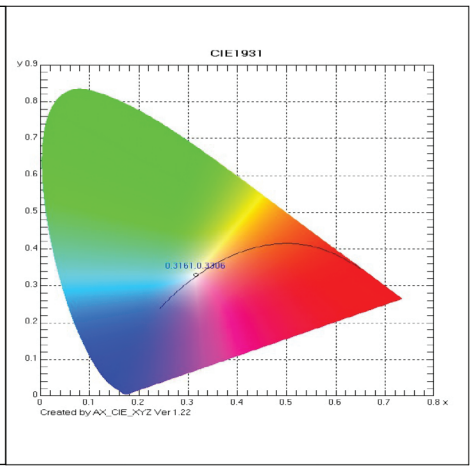
Remark:Lamp LP11_6500K CRI98 At:20cm SEOUL

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)