The Light You Can Trust

All Contact

WIP®
GIT Gem and Jewelry Institute of Thailand
Being Developed in Collaboration With GIT

Multi LED UV

Short Wave & Long Wave UV Box

Model : GemoLED-UV | Part No. : WLG-367

LED

FLICKER FREE

Made in Thailand
MiT6801000185



RoHS Green Industry TIS 1955 2551 Products of Thailand

Eff. Date 15/09/25
Rev.4

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The first LED Instrument design is to test long wave fluorescent of the Diamonds, Rubies, Emeralds and Synthetics with a principal wavelength of 365 nm ±2 (BLB Blacklight Blue) and short wave separate diamond from simulants, sapphire and emerald from synthetics, ruby from garnet, and natural gems from glass/synthetic spinel. The black box type transmitted light on top with black appearing surface of LED long and shortwave UV light. It is stable, reliable and easy to operate. This light has two light sources, one for Short Wave (254 nm ±2) and the other for Long Wave (365 nm ±2), both lights can be used individually or together for best results.



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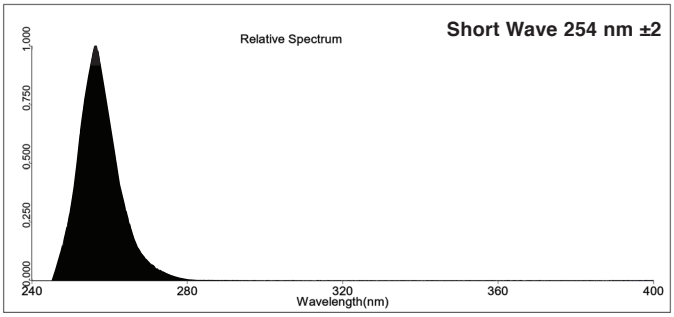
FEATURES

- Tranmission of LED UV lights uses 254 nm ±2 and 365 nm ±2
- Equipment can take photos easily with a mobile phone or digital camera
- Drawer type table is convenient for samples.
  Left and right sides of long and shortwave
- Flicker free
- Long service lifetime

Model	Part No.	Power	Wave Lenght
GemoLED-UV	WLG-367	5Wx2	Short Wave 254 nm ±2, Long Wave 365 nm ±2

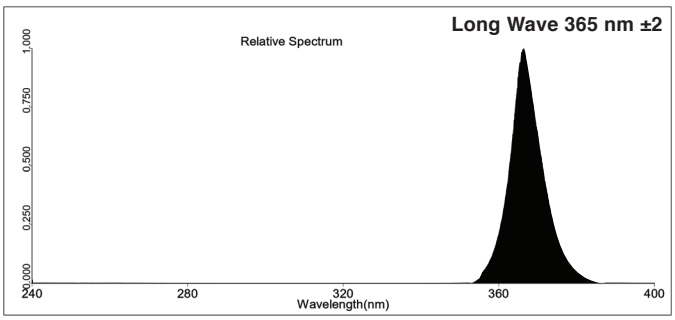
PHOTOMETRIC SPECIFICATIONS

LED Light source	
Wave Length :	Short Wave 254 nm ±2
	Long Wave 365 nm ±2
LED Lifetime (L70) :	25,000 hours



ELECTRICAL SPECIFICATIONS

Power :	5Wx2
Input voltage :	100 - 250 VAC
Input frequency :	50 - 60 Hz.
Power factor :	>0.95
THDi :	<15%
Flicker Free :	Yes



MECHANICAL SPECIFICATIONS

Transmission Filter Size :	200 x 122.5 mm
Observation Window Size :	140 x 40 mm
Enclosure material :	Aluminum with Powder coating
Product dimension (H x W x D) :	13 cm x 21 cm x 12 cm
Weight :	1.5 Kg.
Carry on suitcase dimension (H x W x D) :	16 cm x 24 cm x 30 cm
Gross weight :	2.2 Kg.
Warranty :	1 Year

LED Driver Standard
TIS. 1955-2551
EN61347-1
EN61347-2-13
EN62384
EN55015
EN61000-3-2
EN61000-3-3
EN61547

OPTION



Carry on suitcase

Short Wave & Long Wave UV Box

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Sample Info

Name: GemoLED-SL

Model:S-1 SN:001

ManuFactrory:EVERFINE Date:2025-05-30 11:08

Tester:Chanchai Chimwai Temperature:25.3 Deg

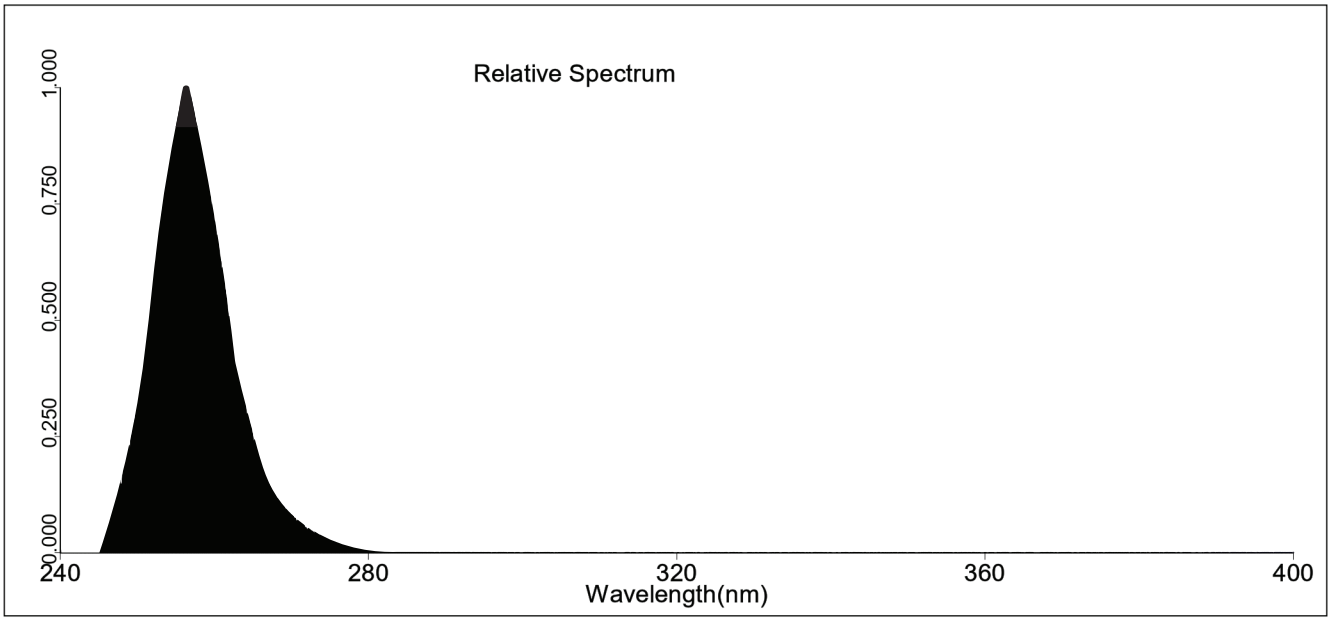
Humidity:65 %RH State:OK

Remark:Multi UV LED Short Wave & Long Wave

Meter State

Test Meter: USR-200

Integral Time: 25.0 ms PeakAD Ip: 599.1 Average times: 10



Test Params

Ee=0.542 mW/cm2

Euva=0.003 (mW/cm2)

Euvb=0.004 (mW/cm2)

Euvc=0.535 (mW/cm2)

EuvaEff=0.000 (mW/cm2)

EuvbEff=0.002 (mW/cm2)

EuvcEff=0.319 (mW/cm2)

Lp=256.0 nm

HW=11.0 nm

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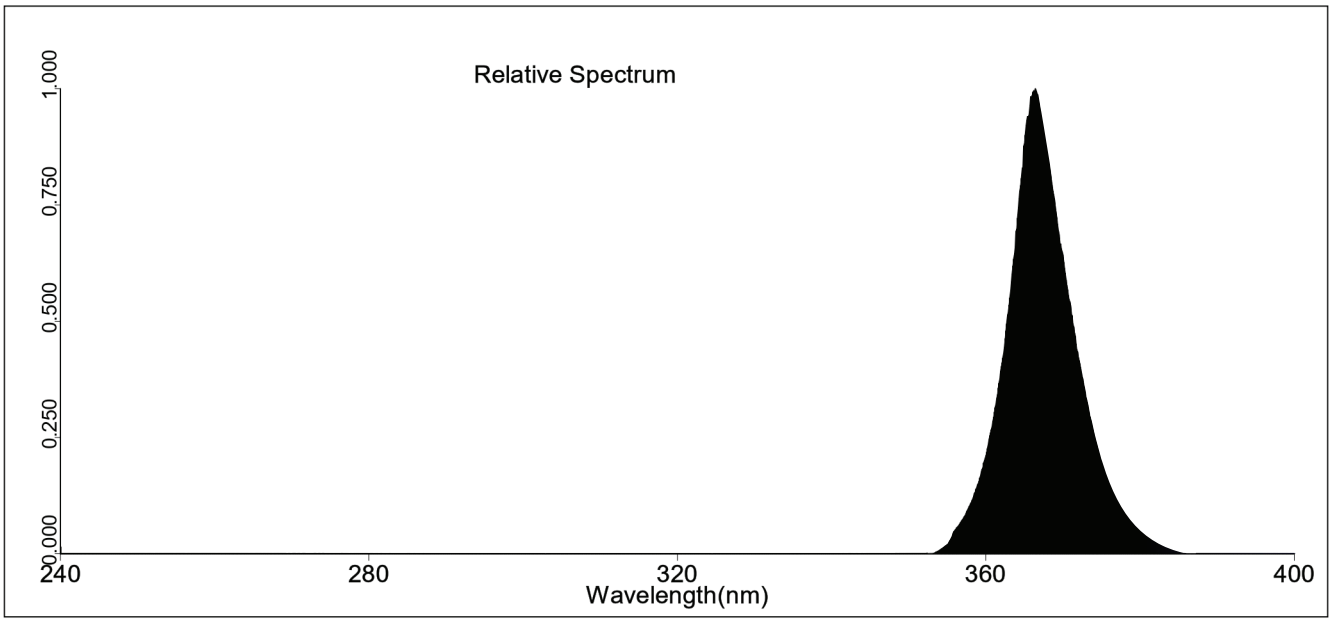
Humidity:65 %RH State:OK

Remark:Multi UV LED Short Wave & Long Wave

Meter State

Test Meter: USR-200

Integral Time: 25.0 ms PeakAD Ip: 49513.0 Average times: 10



Test Params

Ee=6.373 mW/cm2

Euva=6.270 (mW/cm2)

Euvb=0.015 (mW/cm2)

Euvc=0.088 (mW/cm2)

EuvaEff=0.001 (mW/cm2)

EuvbEff=0.007 (mW/cm2)

EuvcEff=0.048 (mW/cm2)

Lp=366.0 nm

HW=8.6 nm