The Light You Can Trust

All Contact

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

Gemo Light Box Pro

Model : GemoLED-LB2

FLICKER FREE

LED



MULTIPLE - ANGLES

TOP - DOWN SHOT



LEFT - RIGHT SHOT



FRONTAL WINDOW SHOT



Natural Light

Built in 2 TC

(6500K, 5700K)

Made in Thailand

HIGHCRI • HIGHCRI • HIGHCRI • HIGHCRI • 98+

Phone | SLR Camera | iPad | Dimmable

RoHS

Green Industry

Products of Thailand

Eff. Date 04/02/26
Rev.5

Gemo Light Box Pro

Model : GemoLED-LB2 Part No. : WLB-577

The light rail is high quality aluminum extrusion. Recessed LED linear shelf lights. Good display lighting should be discreet, show displayed and highlight products with the best possible light, also can be high or low contrast depending on the shop. Vivid linear lighting can make the products look irresistible and create softer modeling and better uniformity, also help to increase customer footfall. The design is suitable for product display case, luxury display case, products shelf, etc.

Made in Thailand



FLICKER FREE

LED

PHOTOMETRIC SPECIFICATIONS

CRI :	98+
R9 :	95+
Flicker Free :	Yes
LED Lifetime (L70) :	50,000 hours

ELECTRICAL SPECIFICATIONS

Power :	20W
Efficiency :	130lm/W
Input voltage :	36 VDC
External Driver :	100-240VAC
Driver :	Meanwell

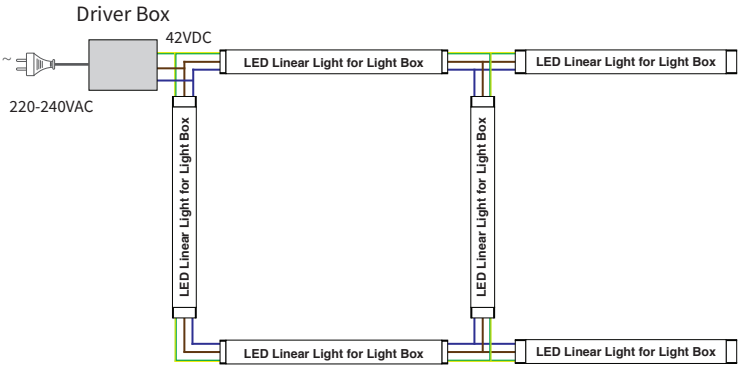
TECHNICAL SPECIFICATIONS

Circuit :	2 Circuit
Illuminants :	Noon Sky Daylight 5700K
	Daylight 6500K
Dimmable :	Yes

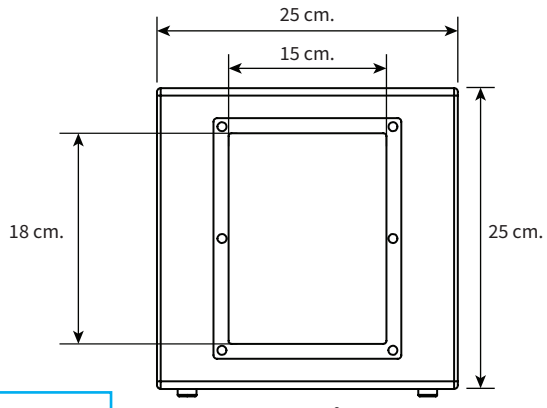
MECHANICAL SPECIFICATIONS

Enclosure material :	Steel With Power Coating
AL rail material :	Aluminum Extrusion
Finishing :	Anodized in white
Product dimension (H x W x D) :	25 cm x 25 cm x 25 cm
Length AL rail (CM) :	20 cm x 6 pcs.
Weight :	5.2 Kg.
Package dimension (H x W x D) :	40 cm x 32 cm x 32 cm
Gross weight :	5.7 Kg.
Warranty :	1 Year

WIRING DIAGRAM



DIMENSION

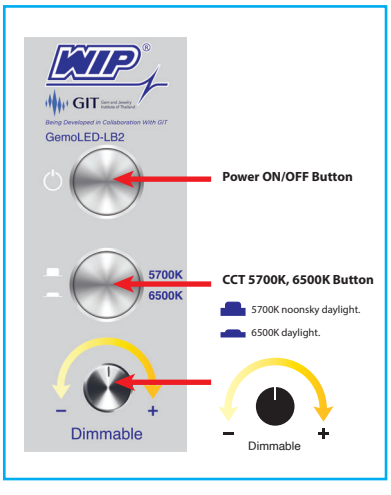


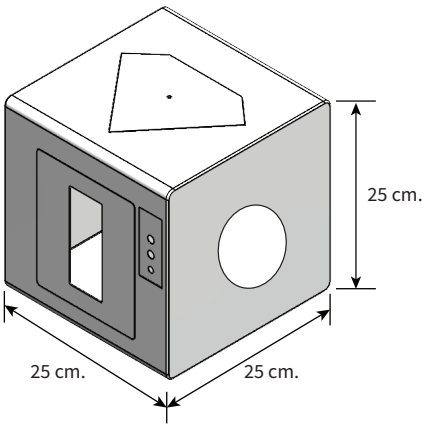
Front View

OPTION



Rotating Display Stand





ACCESSORIES



Necklace hanger

Gemo Light Box Pro

Model : GemoLED-LB2 Part No. : WLB-577

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Spectrum Test Report

Sample Info.:

Name:Gemo Light Box Pro 5700K

Type:S-1

SN:001

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

Date:2025-02-18

Tester:Chanchai Chimwai

TMP:25.3 DEG

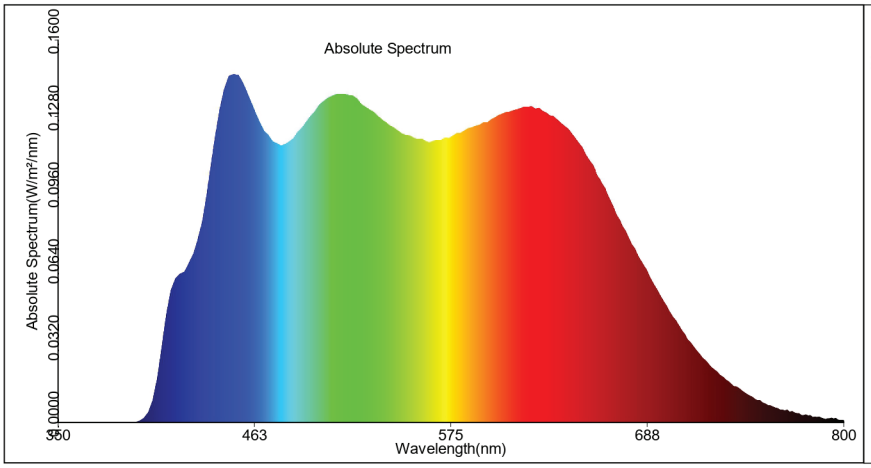
Humidity:65 %RH

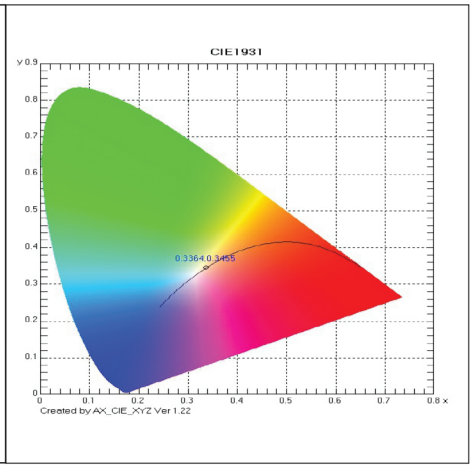
Remark:Gemo Light Box Pro 5700K

Meter state:

Test Meter: PLA-20 Sensitivity: High

Integral T: 265 ms PeakAD Ip: 44254.3 Average times: 1





Test parameter:

E= 10003.9 lx E(fc)=929.733 fc

CIE x= 0.3364	CIE y= 0.3455	CIE u'=0.2079	CIE v'=0.4803
Tc=5334 K	Lp=450.0 nm	HW=251.4 nm	Ld=563.8 nm
Pur=4.6 %	Ratio_R=17.9 %	Ratio_G=75.5 %	Ratio_B=6.6 %
Duv=0.00051			

Ra=96.2	R1= 95	R2= 97	R3= 98
R4= 95	R5= 95	R6= 94	R7= 98
R8= 99	R9= 95	R10= 92	R11= 91
R12= 94	R13= 95	R14= 99	R15= 96

SDCM= 0.7(5300K/ENM)
White Class:C78.377_5700K

E1(400-700nm)=36.217 W/m² E2(380-780nm)=37.74 W/m²

Ech-A=5.9633 W/m²	Ech-B=7.1399 W/m²	Ef=1.4296 W/m²
Eb=10.966 W/m²	Ey=13.844 W/m²	Er=11.435 W/m²
Ep=30.648 Wphyto/m²	Erb_Ratio=1.0428	

PPFDf=8.6689E+000 µmol/(m²·s)
PPFD=166.84 µmol/(m²·s)

Gemo Light Box Pro

Model : GemoLED-LB2 Part No. : WLB-577

Being Developed in Collaboration With GIT

Spectrum Test Report

Sample Info.:

Name:Gemo Light Box Pro 6500K

Type:S-1

SN:001

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

Date:2025-02-18

Tester:Chanchai Chimwai

TMP:25.3 DEG

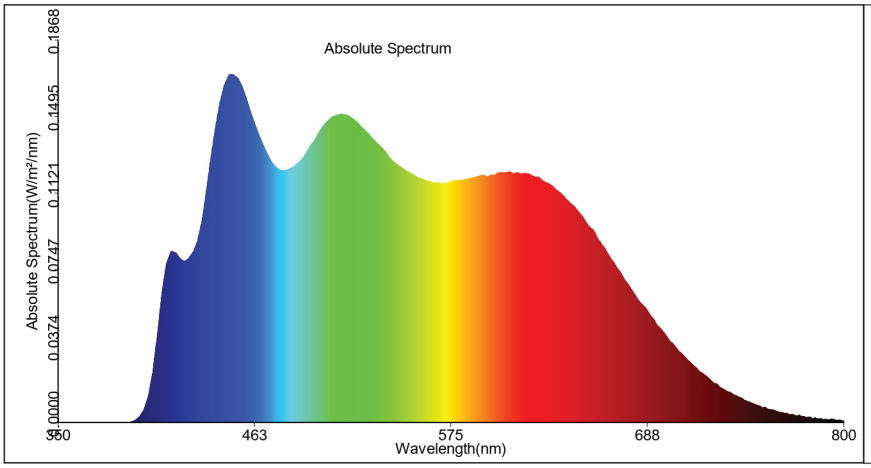
Humidity:65 %RH

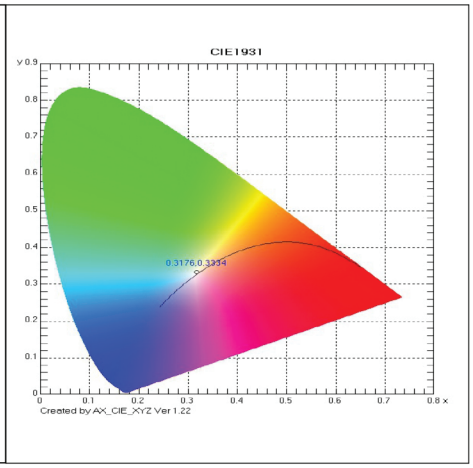
Remark:Gemo Light Box Pro 6500K

Meter state:

Test Meter: PLA-20 Sensitivity: High

Integral T: 242 ms PeakAD Ip: 43604.1 Average times: 1





Test parameter:

E= 10094.9 lx E(fc)=938.187 fc

CIE x= 0.3176	CIE y= 0.3334	CIE u'=0.1996	CIE v'=0.4714
Tc=6216 K	Lp=450.0 nm	HW=234.7 nm	Ld=491.7 nm
Pur=5.3 %	Ratio_R=16.3 %	Ratio_G=76.7 %	Ratio_B=7.0 %
Duv=0.00297			

Ra=97.8	R1= 97	R2= 99	R3= 99
R4= 96	R5= 97	R6= 97	R7= 99
R8= 99	R9= 98	R10= 96	R11= 92
R12= 97	R13= 97	R14= 99	R15= 99

SDCM= 3.6(F6500)
White Class:C78.377_6500K

E1(400-700nm)=37.193 W/m² E2(380-780nm)=38.553 W/m²

Ech-A=6.121 W/m²	Ech-B=7.7227 W/m²	Ef=1.2563 W/m²
Eb=12.729 W/m²	Ey=14.244 W/m²	Er=10.248 W/m²
Ep=31.091 Wphyto/m²	Erb_Ratio=0.80513	

PPFDf=7.6201E+000 µmol/(m²·s)
PPFD=168.56 µmol/(m²·s)