

Gems Color Grading Cabinet

Series : GemoLED Pro



@wipintertrade



Official Website



Light source for the colour grading of gemstone was developed in a collaboration between GIT (Gem and Jewelry Institute of Thailand.) and WIP (W.I.P. Electric Co.,Ltd)

In contrast to many of the models on the market, the new light source uses state-of-the-art LED (Light Emitting Diode) lights under specification of GIT Standard “Jewelry and precious metals – Grading polished diamonds – Terminology, classification and test methods” and, unlike most commercially available instruments.



Specification

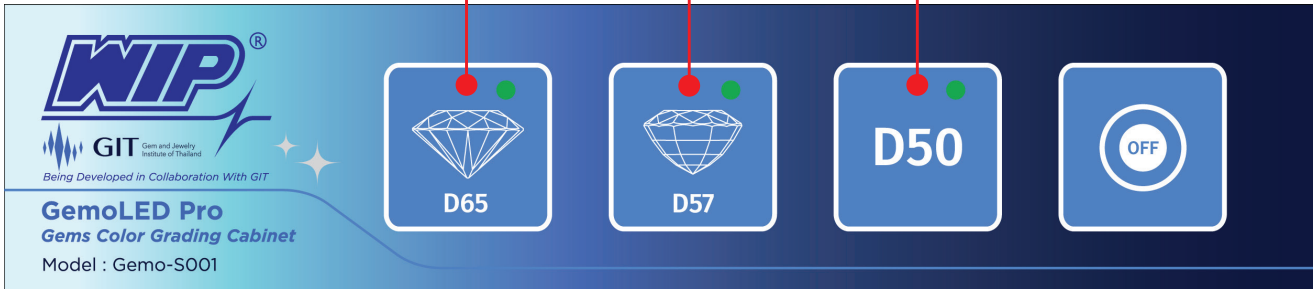
Place of Origin	: Thailand	Control output	: 3 Relays SPDT
Jewelry tool & Equipment Type	: Testers & Measurements		: Contract Rating 5A/250Vac (resistive load)
Model	: Gemo-S001	Operating Temperature	: 0 °C to +50 °C
Part No.	: WDS-C02	Humidity tolerance	: 0-90% w/o condensation
Product name	: Gems Color Grading Cabinet	Enclosure material	: Aluminum with Powder Coating
Function	: Identification of brilliance reaction by LED Full Spectrum & High CRI98+	Viewing area (H x W x D)	: 15 cm x 31 cm x 14 cm
Input voltage	: 220-240VAC 50-60Hz	Product dimension (H x W x D)	: 26 cm x 31 cm x 19 cm
THDi	: <20%	Weight	: 3.7 Kg.
Power consumption	: 18W (Max)	Warranty	: 1 Year
Light source	: LED T5 tube socket G5 x 3 : External driver (Constant Current) : Flicker free : Surge protection 1KV	LED Driver Standard	: TIS. 1955-2551 : EN61347-1, EN61347-2-13, EN62384, EN55015, EN61000-3-2, EN61000-3-3, EN61547
LED	: Nichia		
Illuminants	: Daylight 6500K CRI98+ Noon sky Daylight 5700K CRI98+ Noon sky Daylight 5000K CRI98+		

Controller

6500K

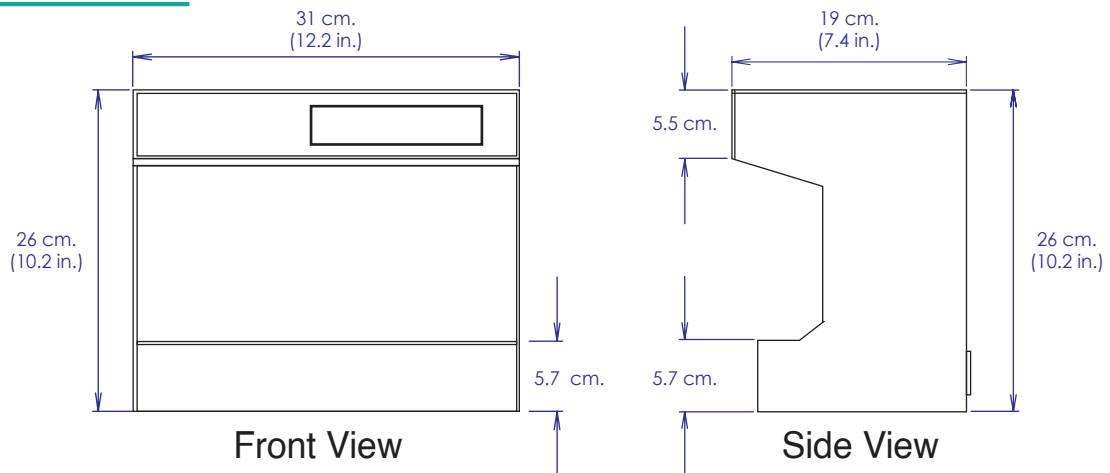
5700K

5000K

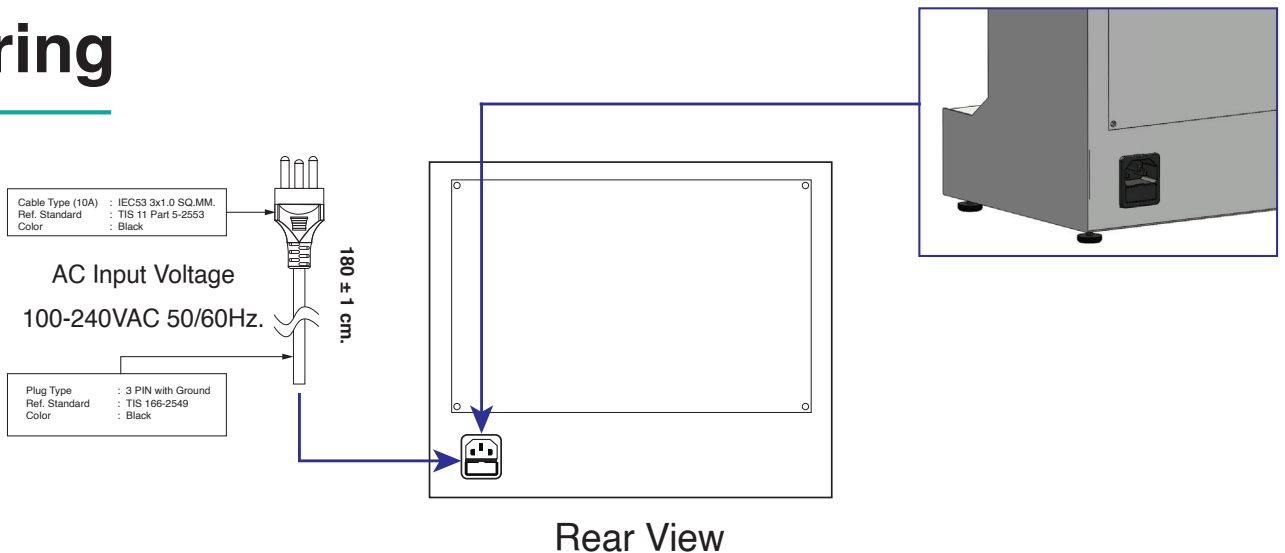


Part No.	Symbol of Sources	Lamp Size (T5 Lamps)	Power	Description
T5S65-6		25 cm. (9.8 In.)	6W	D65 (Daylight 6500K) CRI98+
T5S57-6		25 cm. (9.8 In.)	6W	D57 (Noon Sky Daylight 5700K) CRI98+
T5S50-6	D50	25 cm. (9.8 In.)	6W	D50 (Noon Sky Daylight 5000K) CRI98+

Dimension



Wiring



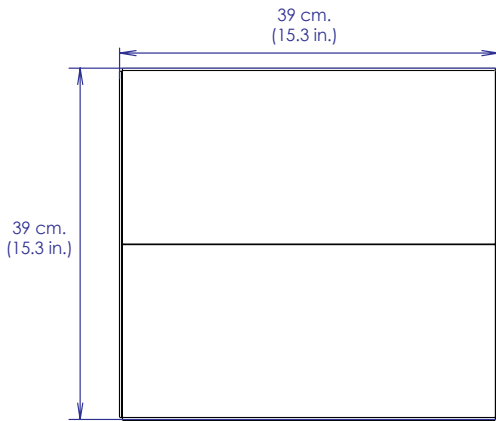
Gems Color Grading T5 Tube (Socket G5)

Series	Part No.	Power	Input Voltage	CCT	CRI	Beam Angle	Wiring	Lux (Center)
GemoLED Pro	T5S65-6	6W	42VDC, 143mA	6500K ±300	98+	160°	Double End	4821 lux
	T5S57-6	6W	42VDC, 143mA	5700K ±300	98+	160°	Double End	4766 lux
	T5S50-6	6W	42VDC, 143mA	5000K ±300	98+	160°	Double End	4857 lux

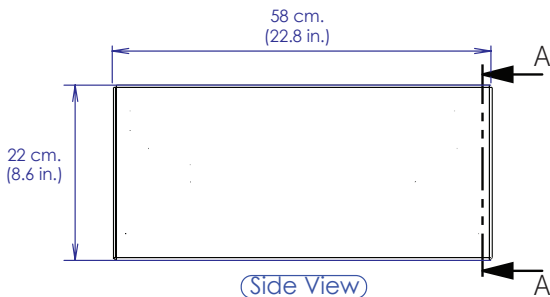
Package

Packing

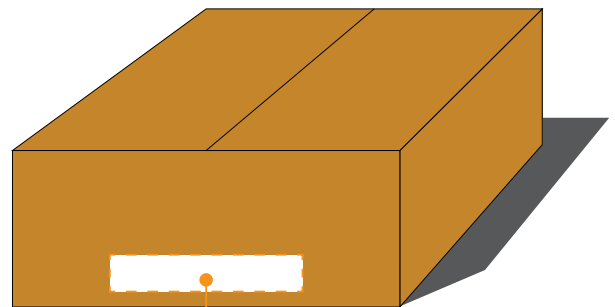
- Packaging details : Foam + carton
- Selling units : Single item
- Single package size (H x W x D) : 22cm x 39cm x 39cm
- Single gross weight : 5 Kg
- Type of paper : Kraft paper (KA185)



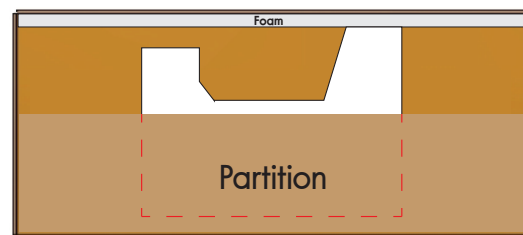
Top View



Side View



Caution symbol



Section A - A

Products : Gems Color Grading T5 Tube

Model : GemoLED-S65

Part No. : T5S65-6 (For Cabinet Small Size)

Description : Gems Color Grading T5 Tube the higher CRI 98+, provide better natural color with more depth for
Model : Gemo-S001

Tube length : Ø 18mm. x 250 mm.

Socket : G5

Protection : IP30

Light Source

LED Chip : Nichia

Wattage : 6W

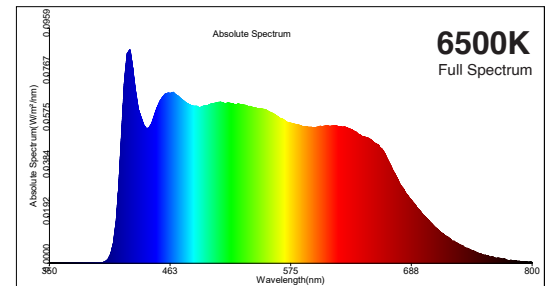
CCT : 6500K

CRI : 98+

Beam Angle : 160°

Input Voltage : 42VDC 143mA

Warranty : 1 Year



Products : Gems Color Grading T5 Tube

Model : GemoLED-S57

Part No. : T5S57-6 (For Cabinet Small Size)

Description : Gems Color Grading T5 Tube the higher CRI 98+, provide better natural color with more depth for
Model : Gemo-S001

Tube length : Ø 18mm. x 250 mm.

Socket : G5

Protection : IP30

Light Source

LED Chip : Nichia

Wattage : 6W

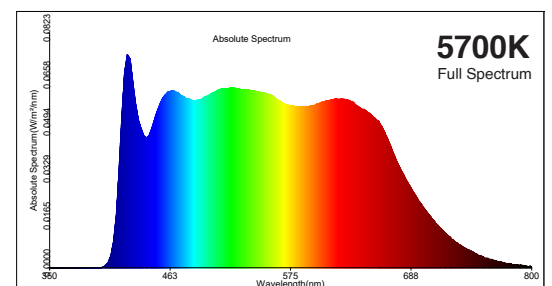
CCT : 5700K

CRI : 98+

Beam Angle : 160°

Input Voltage : 42VDC 143mA

Warranty : 1 Year



Products : Gems Color Grading T5 Tube

Model : GemoLED-S50

Part No. : T5S50-6 (For Cabinet Small Size)

Description : Gems Color Grading T5 Tube the higher CRI 98+, provide better natural color with more depth for
Model : Gemo-S001

Tube length : Ø 18mm. x 250 mm.

Socket : G5

Protection : IP30

Light Source

LED Chip : Nichia

Wattage : 6W

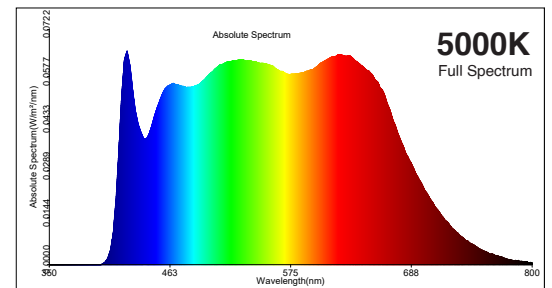
CCT : 5000K

CRI : 98+

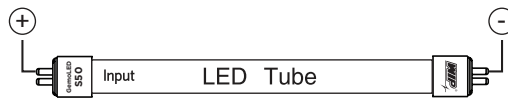
Beam Angle : 160°

Input Voltage : 42VDC 143mA

Warranty : 1 Year

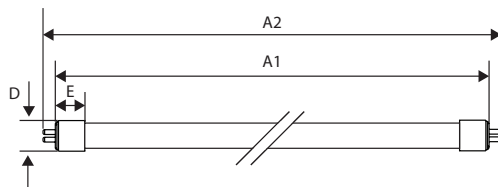


Wiring Diagram



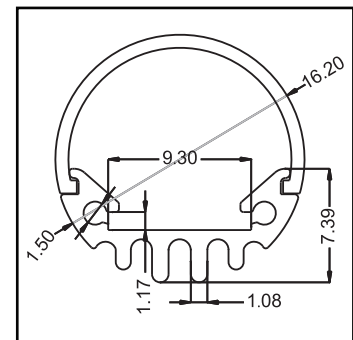
Double - end ไฟเข้า 2 ข้าง

Dimension



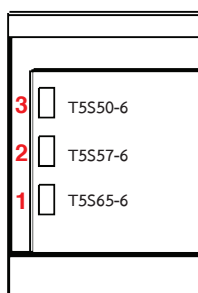
Dimension (mm.) ±1.0

Product	A1	A2	D	E
T5	250	265	18	13

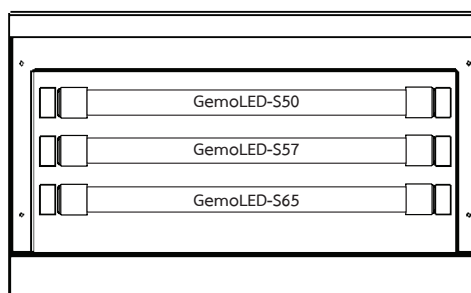


Position Tube

Part No. Marking



Front



Front