

G51-SDXXX9X-4W Data Sheet

Features (產品特性)

- ◆ Light source: SMD LED (使用 SMD 封裝的 LED)
- ◆ B5 series are suitable to replace traditional T5 fluorescent lamps in fixtures
(B5系列適合取代傳統T5螢光燈燈具)
- ◆ High efficiency, No flicker, no noise
(效率高, 沒有閃爍, 沒有噪音)
- ◆ Dimmable is available. (可進行調光)
(have to working with dimmable electronic ballast.)
(必須使用在可調光的電子安定器上才可調光的功能)
- ◆ NO UV or IR light radiation
(沒有紫外線和紅外線輻射光)
- ◆ Long Lifetime >40000 hours
(LED壽命40000小時以上)
- ◆ G5 socket Compatible (相容G5插座)
- ◆ Power consumption up to **4W** for lengths **288 mm**
(消耗功率為4W, 燈管長度為288MM)
- ◆ No mercury and ROHS compliant
(沒有汞和通過無鉛認證)



Typical Applications (典型應用)

- ◆ The office (辦公室)
- ◆ The classroom (教室)
- ◆ The hospital (醫院)
- ◆ Conference room (會議室)

Product Specifications (產品規格)

Parameter (參數)	Description (描述)
Optical lens (燈罩)	Plastic Cover optical lens (PC 罩)
Housing (散熱體)	Glass (玻璃)
Operation Temperature (操作溫度)	-20°C ~ +40°C
Storage Temperature (存儲溫度)	-40°C ~ +70°C

G51-SDXXX9X-4W Data Sheet

Part Number Explanation (產品編碼)

Model (產品類型)	Length (長度規格)	LED Type (LED 類型)
G51 -SDXXE9-4W	G5 1 -SDXXE9-4W	G51-S D XXE9-4W
G5: T5 Glass tube (T5 玻璃燈管)	1: 288mm (1ft)	S: SMD LED

CRI (顯色指數)	CCT (色溫)	COVER (燈罩類型)
G51-S D XXE9-4W	G51-SD XX E9-4W	G51-SDXX X E9-4W
D: ≥ 80 Ra	30: 2500~3500K	B: Haze (擴光霧面罩)
	40: 3500~4500K	
	60: 5500~6500K	

Input Voltage (使用電壓)	Wattage (消耗功率)
G51-SDXXX E9 -4W	G51-SDXXE9- 4W
E9: With electronic rectifier stent (配電子式安定器使用)	4W:4W

Specifications of Haze Cover Series (霧面燈罩參數)

Model No. (產品型號)		G51-SDXXBE9-4W	
Parameter (參數)		Min.	Typ.
Power Consumption (W) (消耗功率)			4
Net Weight (g) (產品重量)			40
D30(2500~3500K)	Luminous Flux (lm) (光通量)		400
D40(3500~4500K)	Illuminance @ 1m (lux) (1 米照度)	42	
D60(5500~6500K)	Luminous Flux (lm) (光通量)		420
	Illuminance @ 1m (lux) (1 米照度)	45	

The above data with the output current 170MA stand the test of results..

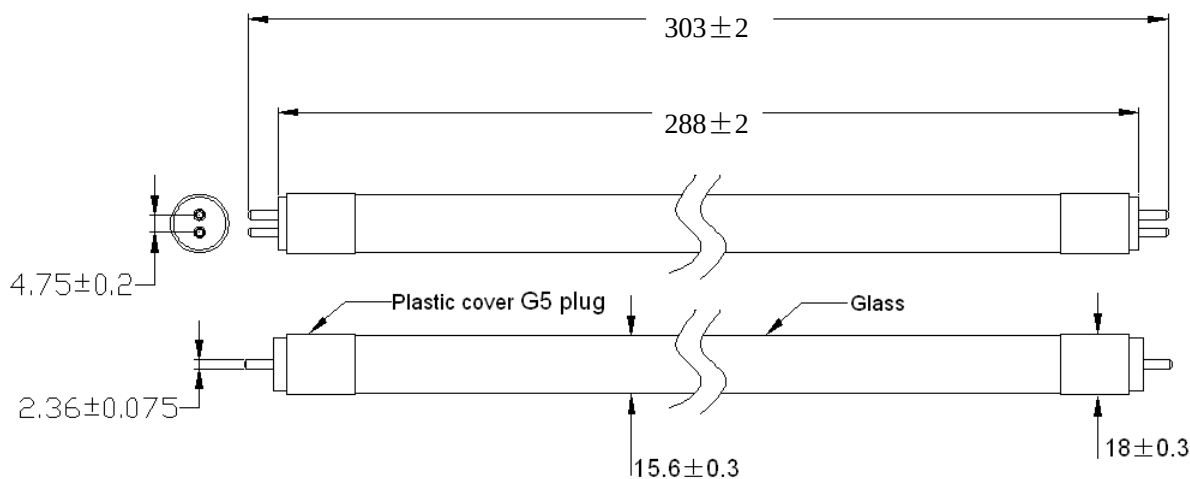
Power Consumption, Weight, Luminous flux measurement allowance is $\pm 15\%$.

All specifications involving life and performance are based upon a 25°C ambient temperature.

(上述資料要配輸出電流 170 毫安培的安定器所測試的結果，以上資料公差為 $\pm 15\%$ 、測試的資料是在 25°C 的環境溫度下進行)

G51-SDXXX9X-4W Data Sheet

Mechanical Dimensions (產品尺寸圖)



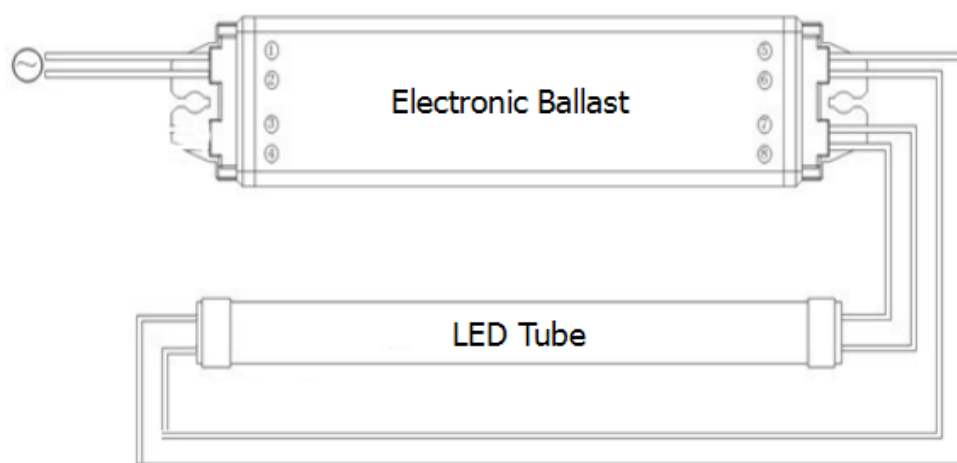
Notes(注釋): 1. Dimensions are in millimeters (上圖尺寸資料單位為：MM)

2. Tolerances unless dimensions $\pm 0.5\text{mm}$ (沒注公差的數據公差為： $\pm 0.5\text{mm}$)

3. Lamp holder two PIN displacement can not exceed 15 degrees

(灯头两个 PIN 错位不可以超过 15 度)

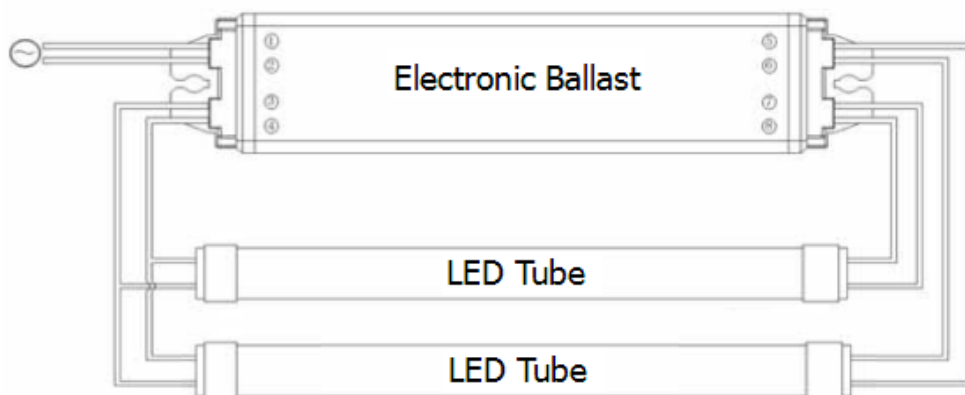
Wiring diagram (電路接線圖)



Single tube wiring diagram

(一托一單管接線圖)

G51-SDXXX9X-4W Data Sheet



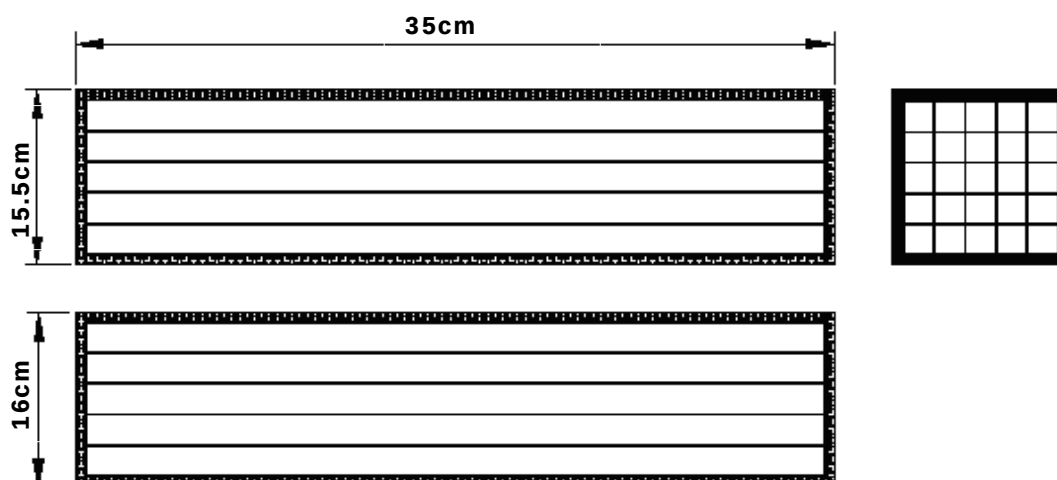
Double tube wiring diagram
(一托二雙管接線圖)

- Notes: 1. LED lamp & electronic ballast to keep used together, cannot be directly connected to the supply mains
(LED燈管要配電子安定器一起使用，不可直接接市電)
2. When dual LED lamp cannot be used in conjunction with traditional lamp
(一托二安定器時雙管都要是 LED 才能使用，不可與傳統燈管混用)

Dimensions of Carton (產品包裝)

Carton: 25 PCS Unit Boxes (一箱 25 支)

Packing size: 35CM(L)*16CM(W)15.5CM(H) (包裝尺寸)



Notes: Tolerances unless dimensions $\pm 5\text{cm}$ (沒注公差的數據公差為： $\pm 5\text{cm}$)

G52-SDXXX9X-8W Data Sheet

Features (產品特性)

- ◆ Light source: SMD LED (使用 SMD 封裝的 LED)
- ◆ B5 series are suitable to replace traditional T5 fluorescent lamps in fixtures
(B5系列適合取代傳統T5螢光燈燈具)
- ◆ High efficiency, No flicker, no noise
(效率高, 沒有閃爍, 沒有噪音)
- ◆ Dimmable is available.(可進行調光)
(have to working with dimmable electronic ballast.)
(必須使用在可調光的電子安定器上才可調光的功能)
- ◆ NO UV or IR light radiation
(沒有紫外線和紅外線輻射光)
- ◆ Long Lifetime >40000 hours
(LED壽命40000小時以上)
- ◆ G5 socket Compatible (相容G5插座)
- ◆ Power consumption up to **8W** for lengths **549 mm**
(消耗功率為8W,燈管長度為549MM)
- ◆ No mercury and ROHS compliant
(沒有汞和通過無鉛認證)



Typical Applications (典型應用)

- ◆ The office (辦公室)
- ◆ The classroom (教室)
- ◆ The hospital (醫院)
- ◆ Conference room (會議室)

Product Specifications (產品規格)

Parameter (參數)	Description (描述)
Optical lens (燈罩)	Plastic Cover optical lens (PC 罩)
Housing (散熱體)	Glass (玻璃)
Operation Temperature (操作溫度)	-20℃ ~ +40℃
Storage Temperature (存儲溫度)	-40℃ ~ +70℃

G52-SDXXXX9X-8W Data Sheet

Part Number Explanation (產品編碼)

Model (產品類型)	Length (長度規格)	LED Type (LED 類型)
G52 -SDXXE9-8W	G5 2 -SDXXE9-8W	G52- S DXXE9-8W
G5: T5 Glass tube (T5 玻璃燈管)	2: 549mm (2ft)	S: SMD LED

CRI (顯色指數)	CCT (色溫)	COVER (燈罩類型)
G52-SD D XXE9-8W	G52-SD XX E9-8W	G52-SDXX X E9-8W
D: ≥ 80 Ra	30: 2500~3500K	B: Haze (擴光霧面罩)
	40: 3500~4500K	
	60: 5500~6500K	

Input Voltage (使用電壓)	Wattage (消耗功率)
G52-SDXXX E9 -8W	G52-SDXXE9- 8W
E9: With electronic rectifier stent (配電子式安定器使用)	8W:8W

Specifications of Haze Cover Series (霧面燈罩參數)

Model No. (產品型號)		G52-SDXXBE9-8W	
Parameter (參數)		Min.	Typ.
Power Consumption (W) (消耗功率)			8
Net Weight (g) (產品重量)			75
D30(2500~3500K)	Luminous Flux (lm) (光通量)		800
D40(3500~4500K)	Illuminance @ 1m (lux) (1 米照度)	90	
D60(5500~6500K)	Luminous Flux (lm) (光通量)		840
	Illuminance @ 1m (lux) (1 米照度)	95	

The above data with the output current 170MA stand the test of results..

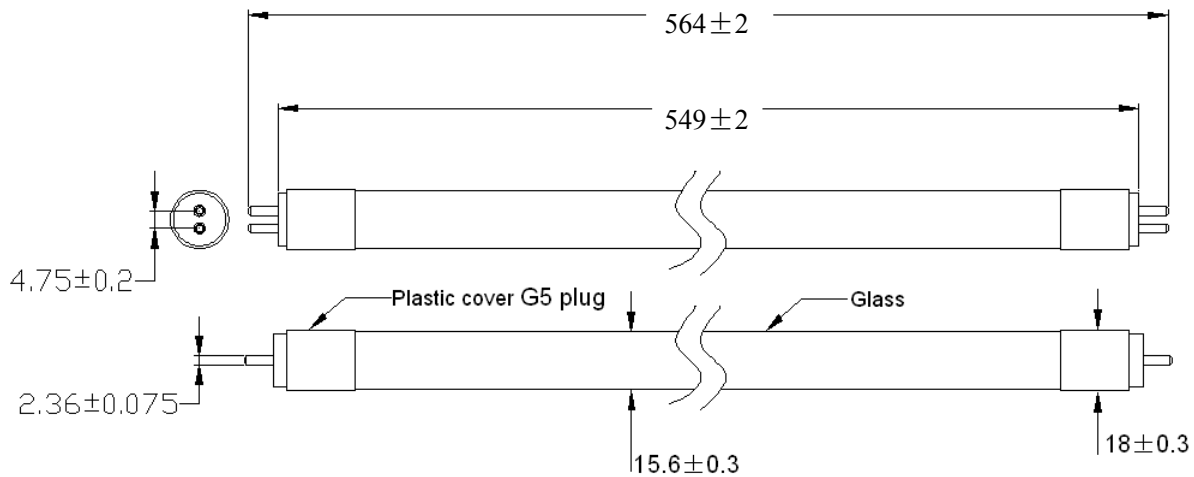
Power Consumption, Weight, Luminous flux measurement allowance is $\pm 15\%$.

All specifications involving life and performance are based upon a 25°C ambient temperature.

(上述資料要配輸出電流 170 毫安培的安定器所測試的結果，以上資料公差為 $\pm 15\%$ 、測試的資料是在 25°C 的環境溫度下進行)

G52-SDXXX9X-8W Data Sheet

Mechanical Dimensions (產品尺寸圖)



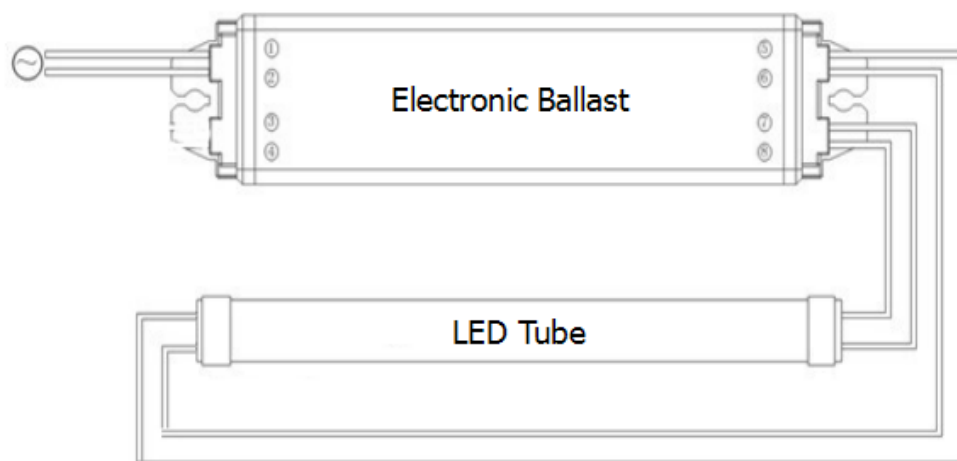
Notes(注釋): 1. Dimensions are in millimeters (上圖尺寸資料單位為：MM)

2. Tolerances unless dimensions ± 0.5 mm (沒注公差的數據公差為： ± 0.5 mm)

3. Lamp holder two PIN displacement can not exceed 15 degrees

(灯头两个 PIN 错位不可以超过 15 度)

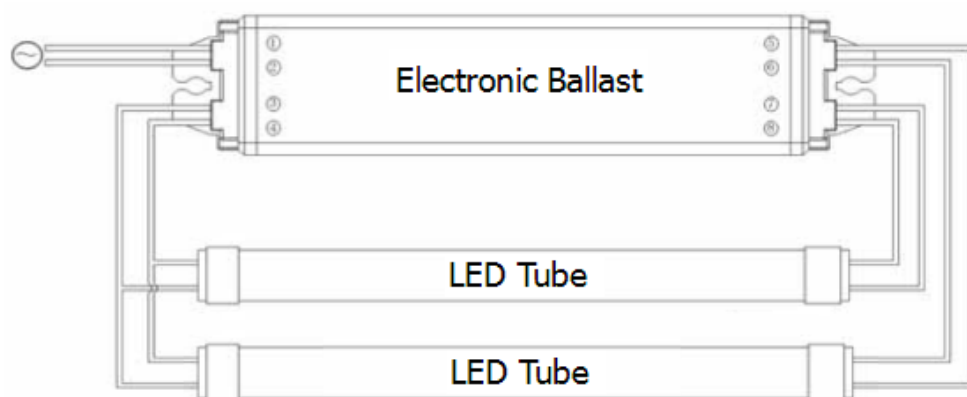
Wiring diagram (電路接線圖)



Single tube wiring diagram

(一托一單管接線圖)

G52-SDXXX9X-8W Data Sheet



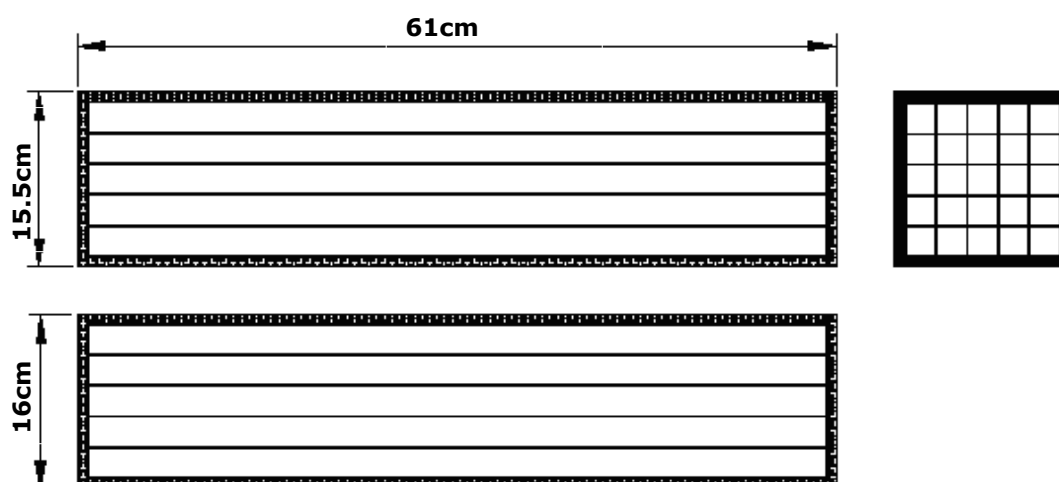
Double tube wiring diagram
(一托二雙管接線圖)

- Notes: 1. LED lamp & electronic ballast to keep used together, cannot be directly connected to the supply mains
(LED燈管要配電子安定器一起使用，不可直接接市電)
2. When dual LED lamp cannot be used in conjunction with traditional lamp
(一托二安定器時雙管都要是 LED 才能使用，不可與傳統燈管混用)

Dimensions of Carton (產品包裝)

Carton: 25 PCS Unit Boxes (一箱 25 支)

Packing size: 61CM(L)*16CM(W)15.5CM(H) (包裝尺寸)



Notes: Tolerances unless dimensions $\pm 5\text{cm}$ (沒注公差的數據公差為： $\pm 5\text{cm}$)

G53-SDXXX9X-12W Data Sheet

Features (產品特性)

- ◆ Light source: SMD LED (使用 SMD 封裝的 LED)
- ◆ B5 series are suitable to replace traditional T5 fluorescent lamps in fixtures
(B5系列適合取代傳統T5螢光燈燈具)
- ◆ High efficiency, No flicker, no noise
(效率高, 沒有閃爍, 沒有噪音)
- ◆ Dimmable is available. (可進行調光)
(have to working with dimmable electronic ballast.)
(必須使用在可調光的電子安定器上才可調光的功能)
- ◆ NO UV or IR light radiation
(沒有紫外線和紅外線輻射光)
- ◆ Long Lifetime >40000 hours
(LED壽命40000小時以上)
- ◆ G5 socket Compatible (相容G5插座)
- ◆ Power consumption up to **12W** for lengths **849 mm**
(消耗功率為12W, 燈管長度為849MM)
- ◆ No mercury and ROHS compliant
(沒有汞和通過無鉛認證)



Typical Applications (典型應用)

- ◆ The office (辦公室)
- ◆ The classroom (教室)
- ◆ The hospital (醫院)
- ◆ Conference room (會議室)

Product Specifications (產品規格)

Parameter (參數)	Description (描述)
Optical lens (燈罩)	Plastic Cover optical lens (PC 罩)
Housing (散熱體)	Glass (玻璃)
Operation Temperature (操作溫度)	-20°C ~ +40°C
Storage Temperature (存儲溫度)	-40°C ~ +70°C

G53-SDXXX9X-12W Data Sheet

Part Number Explanation (產品編碼)

Model (產品類型)	Length (長度規格)	LED Type (LED 類型)
G53 -SDXXE9-12W	G 53 -SDXXE9-12W	G53- S DXXE9-12W
G5: T5 Glass tube (T5 玻璃燈管)	3: 849mm (3ft)	S: SMD LED

CRI (顯色指數)	CCT (色溫)	COVER (燈罩類型)
G53- S DXXE9-12W	G53-SD XX E9-12W	G53-SDXX X E9-12W
D: ≥ 80 Ra	30: 2500~3500K	B: Haze (擴光霧面罩)
	40: 3500~4500K	
	60: 5500~6500K	

Input Voltage (使用電壓)	Wattage (消耗功率)
G53-SDXXX E9 -12W	G53-SDXXE9- 12W
E9: With electronic rectifier stent (配電子式安定器使用)	12W:12W

Specifications of Haze Cover Series (霧面燈罩參數)

Model No. (產品型號)		G53-SDXXBE9-12W	
Parameter (參數)		Min.	Typ.
Power Consumption (W) (消耗功率)			12
Net Weight (g) (產品重量)			115
D30(2500~3500K)	Luminous Flux (lm) (光通量)		1200
D40(3500~4500K)	Illuminance @ 1m (lux) (1 米照度)	130	
D60(5500~6500K)	Luminous Flux (lm) (光通量)		1260
	Illuminance @ 1m (lux) (1 米照度)	140	

The above data with the output current 170MA stand the test of results..

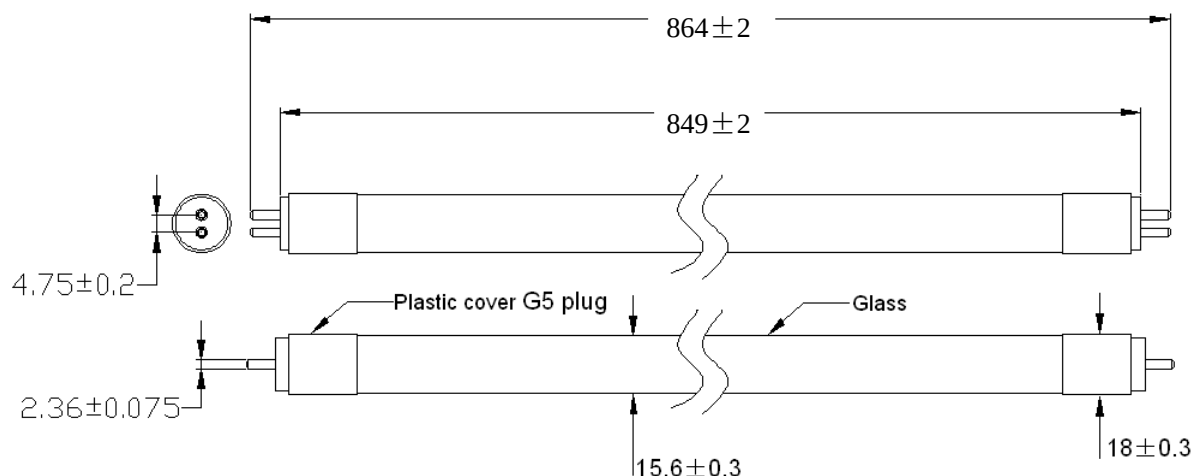
Power Consumption, Weight, Luminous flux measurement allowance is $\pm 15\%$.

All specifications involving life and performance are based upon a 25°C ambient temperature.

(上述資料要配輸出電流 170 毫安培的安定器所測試的結果，以上資料公差為 $\pm 15\%$ 、測試的資料是在 25°C 的環境溫度下進行)

G53-SDXXX9X-12W Data Sheet

Mechanical Dimensions (產品尺寸圖)



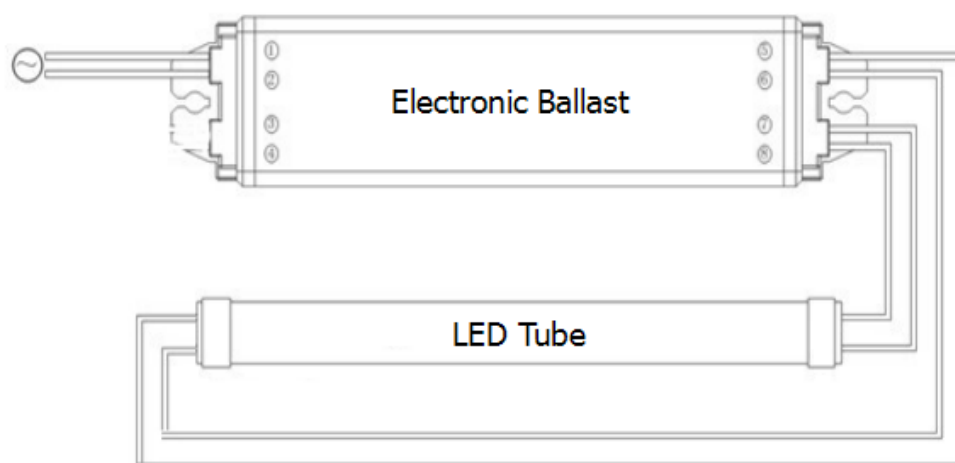
Notes(注釋): 1. Dimensions are in millimeters (上圖尺寸資料單位為：MM)

2. Tolerances unless dimensions $\pm 0.5\text{mm}$ (沒注公差的數據公差為： $\pm 0.5\text{mm}$)

3. Lamp holder two PIN displacement can not exceed 15 degrees

(灯头两个 PIN 错位不可以超过 15 度)

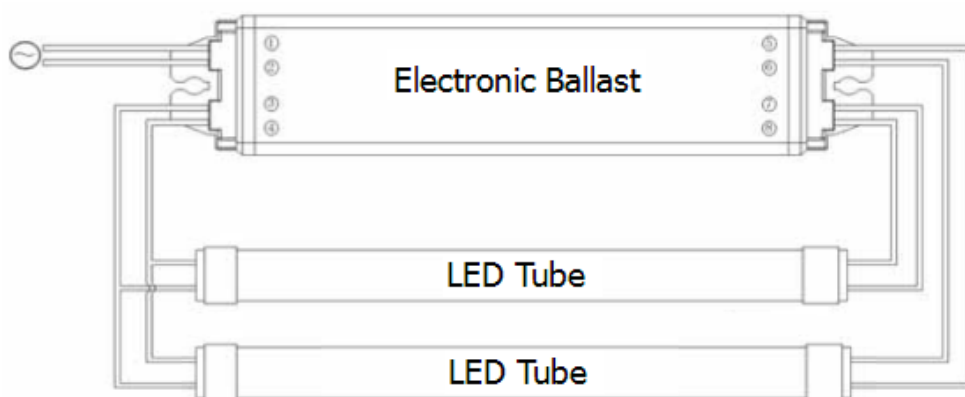
Wiring diagram (電路接線圖)



Single tube wiring diagram

(一托一單管接線圖)

G53-SDXXX9X-12W Data Sheet



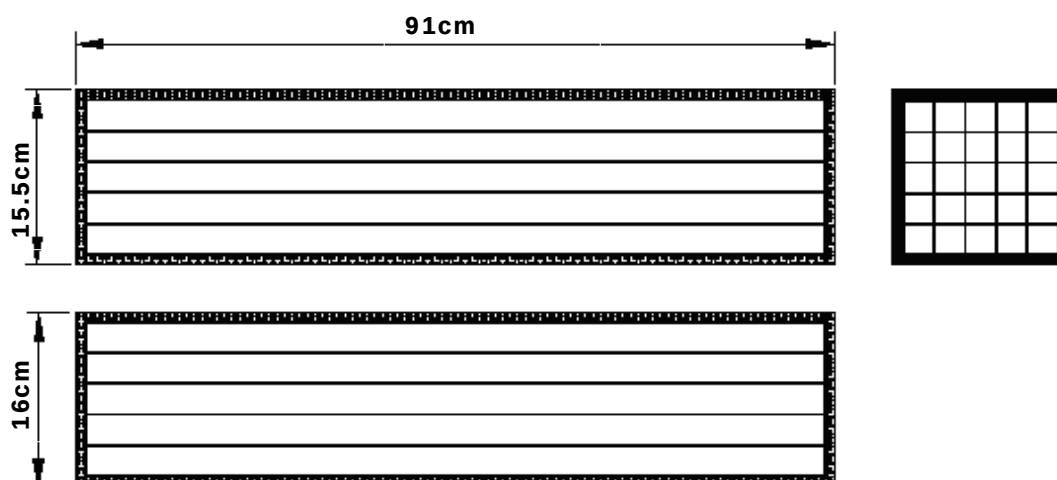
Double tube wiring diagram
(一托二雙管接線圖)

- Notes: 1. LED lamp & electronic ballast to keep used together, cannot be directly connected to the supply mains
(LED燈管要配電子安定器一起使用，不可直接接市電)
2. When dual LED lamp cannot be used in conjunction with traditional lamp
(一托二安定器時雙管都要是 LED 才能使用，不可與傳統燈管混用)

Dimensions of Carton (產品包裝)

Carton: 25 PCS Unit Boxes (一箱 25 支)

Packing size: 91CM(L)*16CM(W)15.5CM(H) (包裝尺寸)



Notes: Tolerances unless dimensions $\pm 5\text{cm}$ (沒注公差的數據公差為： $\pm 5\text{cm}$)

G54-SDXXX9X-16W Data Sheet

Features (產品特性)

- ◆ Light source: SMD LED (使用 SMD 封裝的 LED)
- ◆ B5 series are suitable to replace traditional T5 fluorescent lamps in fixtures
(B5系列適合取代傳統T5螢光燈燈具)
- ◆ High efficiency, No flicker, no noise
(效率高, 沒有閃爍, 沒有噪音)
- ◆ Dimmable is available.(可進行調光)
(have to working with dimmable electronic ballast.)
(必須使用在可調光的電子安定器上才可調光的功能)
- ◆ NO UV or IR light radiation
(沒有紫外線和紅外線輻射光)
- ◆ Long Lifetime >40000 hours
(LED壽命40000小時以上)
- ◆ G5 socket Compatible (相容G5插座)
- ◆ Power consumption up to **16W** for lengths **1149 mm**
(消耗功率為16W,燈管長度為1149MM)
- ◆ No mercury and ROHS compliant
(沒有汞和通過無鉛認證)



Typical Applications (典型應用)

- ◆ The office (辦公室)
- ◆ The classroom (教室)
- ◆ The hospital (醫院)
- ◆ Conference room (會議室)

Product Specifications (產品規格)

Parameter (參數)	Description (描述)
Optical lens (燈罩)	Plastic Cover optical lens (PC 罩)
Housing (散熱體)	Glass (玻璃)
Operation Temperature (操作溫度)	-20℃ ~ +40℃
Storage Temperature (存儲溫度)	-40℃ ~ +70℃

G54-SDXXX9X-16W Data Sheet

Part Number Explanation (產品編碼)

Model (產品類型)	Length (長度規格)	LED Type (LED 類型)
G54 -SDXXE9-16W	G5 4 -SDXXE9-16W	G54-SDXX E 9-16W
G5: T5 Glass tube (T5 玻璃燈管)	4: 1149mm (4ft)	S: SMD LED

CRI (顯色指數)	CCT (色溫)	COVER (燈罩類型)
G54-SD D XXE9-16W	G54-SD XX E9-16W	G54-SDXX X E9-16W
D: ≥ 80 Ra	30: 2500~3500K	B: Haze (擴光霧面罩)
	40: 3500~4500K	
	60: 5500~6500K	

Input Voltage (使用電壓)	Wattage (消耗功率)
G54-SDXXX E9 -16W	G54-SDXXE9- 16W
E9: With electronic rectifier stent (配電子式安定器使用)	16W:16W

Specifications of Haze Cover Series (霧面燈罩參數)

Model No. (產品型號)		G54-SDXXBE9-16W	
Parameter (參數)		Min.	Typ.
Power Consumption (W) (消耗功率)			16
Net Weight (g) (產品重量)			150
D30(2500~3500K)	Luminous Flux (lm) (光通量)		1590
D40(3500~4500K)	Illuminance @ 1m (lux) (1 米照度)	180	
D60(5500~6500K)	Luminous Flux (lm) (光通量)		1680
	Illuminance @ 1m (lux) (1 米照度)	190	

The above data with the output current 170MA stand the test of results..

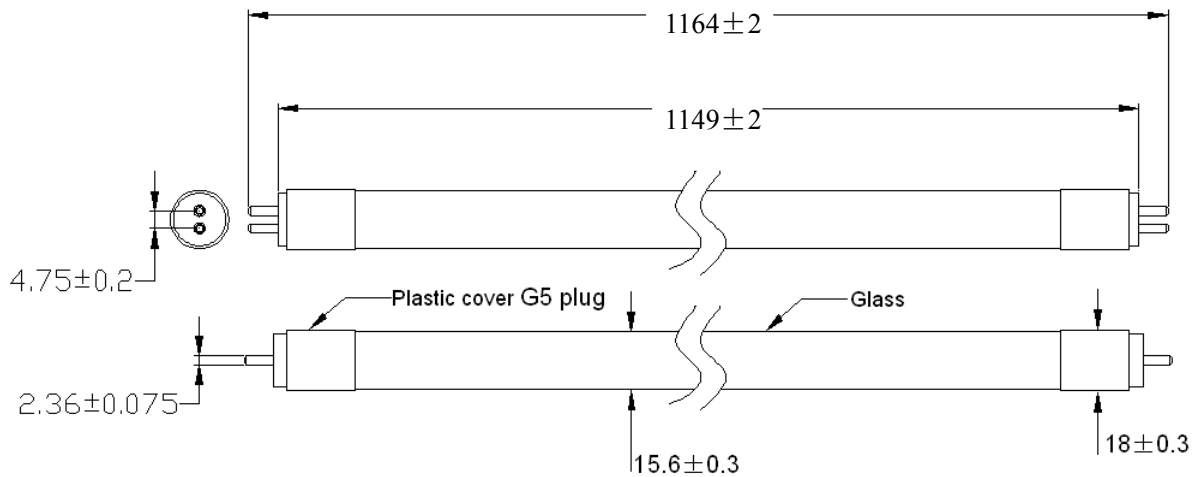
Power Consumption, Weight, Luminous flux measurement allowance is $\pm 15\%$.

All specifications involving life and performance are based upon a 25°C ambient temperature.

(上述資料要配輸出電流 170 毫安培的安定器所測試的結果，以上資料公差為 $\pm 15\%$ 、測試的資料是在 25°C 的環境溫度下進行)

G54-SDXXX9X-16W Data Sheet

Mechanical Dimensions (產品尺寸圖)



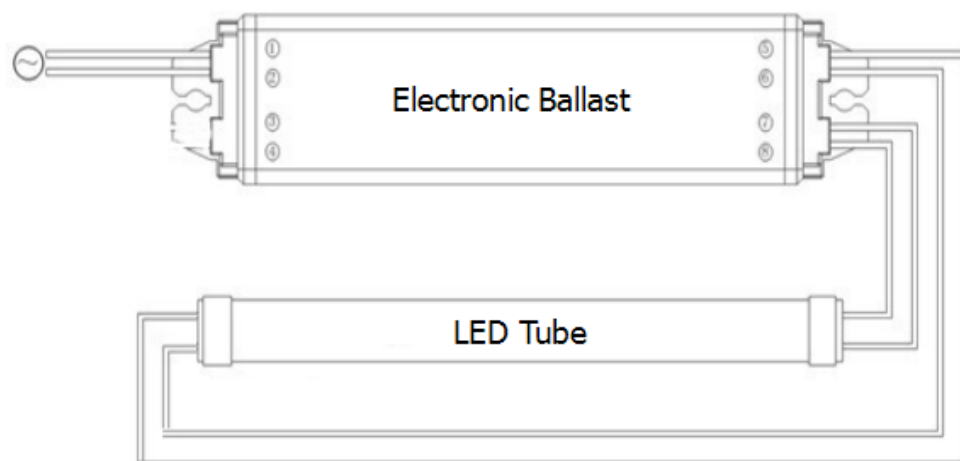
Notes(注釋): 1. Dimensions are in millimeters (上圖尺寸資料單位為：MM)

2. Tolerances unless dimensions $\pm 0.5\text{mm}$ (沒注公差的數據公差為： $\pm 0.5\text{mm}$)

3. Lamp holder two PIN displacement can not exceed 15 degrees

(灯头两个 PIN 错位不可以超过 15 度)

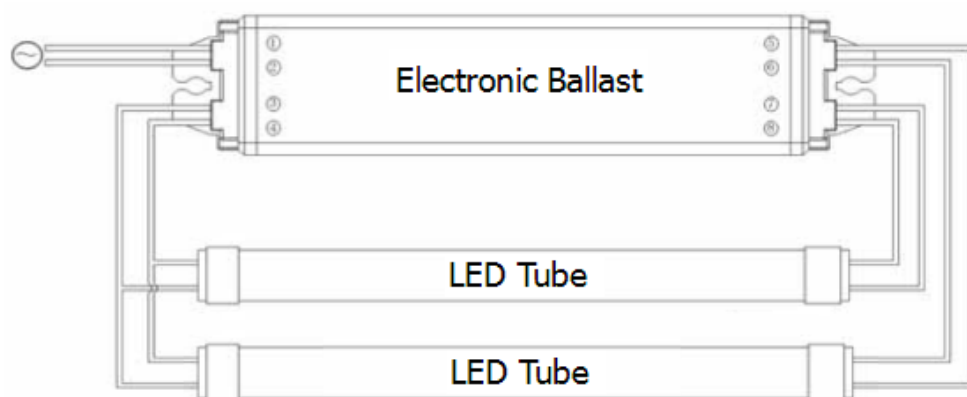
Wiring diagram (電路接線圖)



Single tube wiring diagram

(一托一單管接線圖)

G54-SDXXX9X-16W Data Sheet



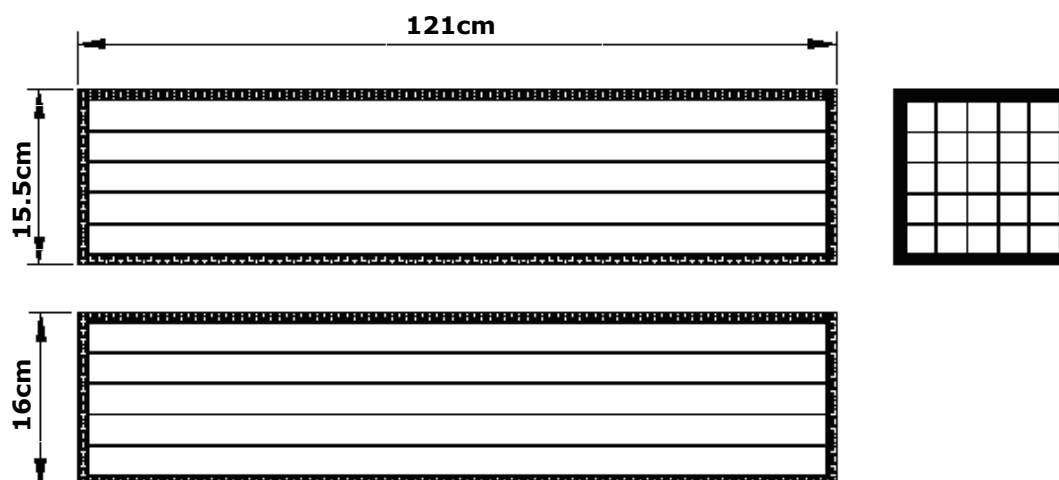
Double tube wiring diagram
(一托二雙管接線圖)

- Notes: 1. LED lamp & electronic ballast to keep used together, cannot be directly connected to the supply mains
(LED燈管要配電子安定器一起使用，不可直接接市電)
2. When dual LED lamp cannot be used in conjunction with traditional lamp
(一托二安定器時雙管都要是 LED 才能使用，不可與傳統燈管混用)

Dimensions of Carton (產品包裝)

Carton: 25 PCS Unit Boxes (一箱 25 支)

Packing size: 121CM(L)*16CM(W)15.5CM(H) (包裝尺寸)



Notes: Tolerances unless dimensions $\pm 5\text{cm}$ (沒注公差的數據公差為： $\pm 5\text{cm}$)