

SAMSUNG LED Tube

- For replacement of 40W, 32W fluorescent lamps :1500mm (24W, 20W,12W) - Standard
- For replacement of 40W, 32W fluorescent lamps :1200mm (24W, 20W,12W) - Standard
- For replacement of 20W fluorescent lamps : 600mm (12W) - Standard

- High intensity - optimal for offices, airports, factories, underground parking lots, and convenience stores
- Energy-saving effect from 32W to 24W with an average lifespan of over 40,000 hours
- Efficient heat sink design
- Lightweight, highly durable and less risk of breakage



Korea Domestic Only

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* Design and specifications are subject to change without notice.

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Tube List

Combination of length, color temperature, and PSU

CRI 80

Product number	Size	Type	Color temperature	PSU type		Total luminous flux (lm)
STILEW830120106CIR	600mm	G13	3,000K	Standard Type	12W Single Lamp, Dual Lamp	910
STILEW840120106CIR	600mm	G13	4,000K	Standard Type	12W Single Lamp, Dual Lamp	970
STILEW850120106CIR	600mm	G13	5,000K	Standard Type	12W Single Lamp, Dual Lamp	1000
STILEW865120106CIR	600mm	G13	6,500K	Standard Type	12W Single Lamp, Dual Lamp	1000
STILEW830240112CIR	1200mm	G13	3,000K	Economy Type	12W Single Lamp, Dual Lamp	1035
				Standard Type	20W Single Lamp, Dual Lamp	1650
STILEW840240112CIR	1200mm	G13	4,000K	Economy Type	12W Single Lamp, Dual Lamp	1110
				Standard Type	24W Single Lamp, Dual Lamp	1820
STILEW850240112CIR	1200mm	G13	5,000K	Economy Type	20W Single Lamp, Dual Lamp	1770
				Standard Type	24W Single Lamp, Dual Lamp	1940
STILEW865240112CIR	1200mm	G13	6,500K	Economy Type	12W Single Lamp, Dual Lamp	1150
				Standard Type	20W Single Lamp, Dual Lamp	1830
STILEW840240115CIR	1500mm	G13	4,000K	Economy Type	24W Single Lamp, Dual Lamp	2000
				Standard Type	24W Single Lamp, Dual Lamp	1940
STILEW850240115CIR	1500mm	G13	5,000K	Standard Type	24W Single Lamp, Dual Lamp	2000
STILEW865240115CIR	1500mm	G13	6,500K	Standard Type	24W Single Lamp, Dual Lamp	2000

- based on internal measurement

* Total luminous flux is measured in single lamp



PSU List

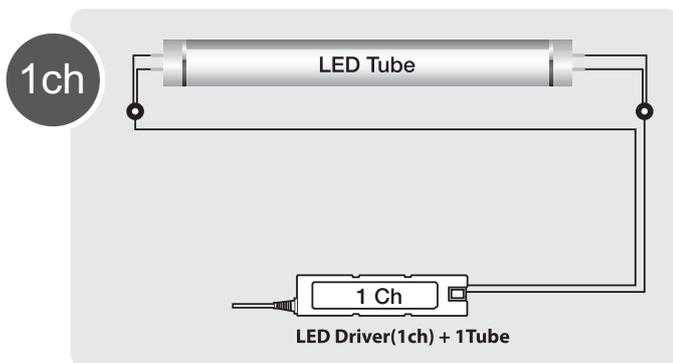
PSU (Power Supply Unit)



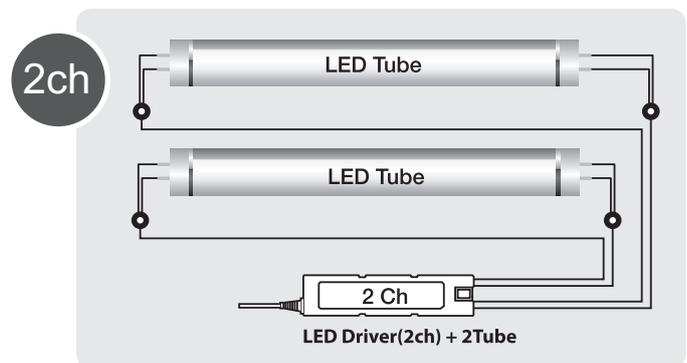
Product number	PSU type	Power consumption	Service voltage	Input Frequency	PF
STILPWA00120100AAA	12W Single Lamp	12W	100~240V	50~60Hz	0.9□
STILPWA00200100AAA	20W Single Lamp	20W	100~240V	50~60Hz	0.9□
STILPWA00240100AAA	24W Single Lamp	24W	100~240V	50~60Hz	0.9□
STILPWA00240200AAA	12W Dual Lamp	24W	100~240V	50~60Hz	0.9□
STILPWA00400200AAA	20W Dual Lamp	40W	100~240V	50~60Hz	0.9□
STILPWA00480200AAA	24W Dual Lamp	48W	100~240V	50~60Hz	0.9□

* Power consumption is measured when lighting unit is installed

Installation of single lamp



Installation of dual lamp



SAMSUNG LED

Specifications



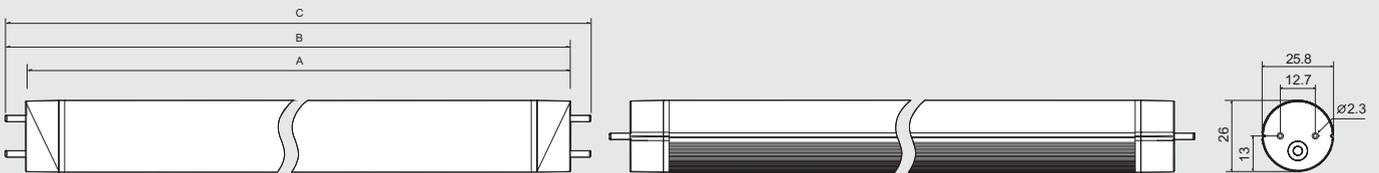
Tube Specification

Size	Product number	Color temperature	Type	Power consumption	Total luminous flux (lm)	Operating temperature	Lifespan
600mm	STILEW830120106CIR	3,000K	G13	12W	* Refer to Tube list	-20C°+50C°	40,000hrs
	STILEW840120106CIR	4,000K					
	STILEW850120106CIR	5,000K					
	STILEW865120106CIR	6,500K					
1,200mm	STILEW830240112CIR	3,000K					
	STILEW840240112CIR	4,000K					
	STILEW850240112CIR	5,000K					
	STILEW865240112CIR	6,500K					
1,500mm	STILEW840240115CIR	4,000K		24W			
	STILEW850240115CIR	5,000K					
	STILEW865240115CIR	6,500K					

Product Size

Size	Diameter	Length A	Length B	Length C	Weight
600mm	ø26±0.5mm	580.0mm	587.4mm	594.7mm	170±10g
1,200mm	ø26±0.5mm	1197.6mm	1205.0mm	1212.3mm	340±10g
1,500mm	ø26±0.5mm	1497.6mm	1505.0mm	1512.3mm	340±10g

• 600m & 1,200mm . 1,500 mm

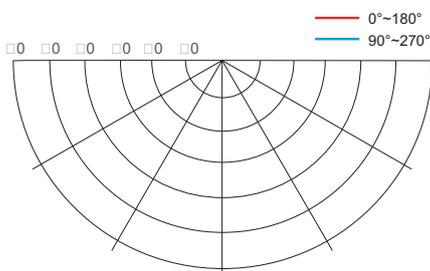


Light Intensity and Distribution

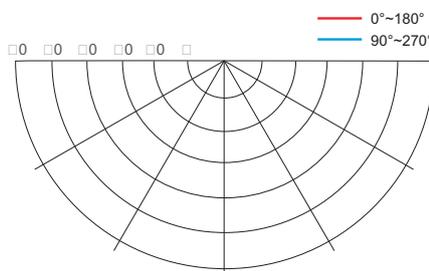
1,200mm

600mm

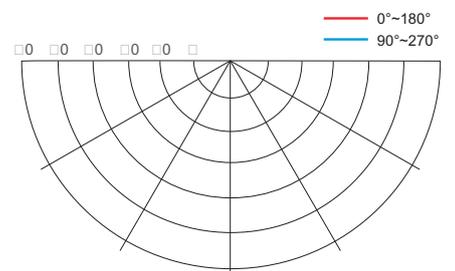
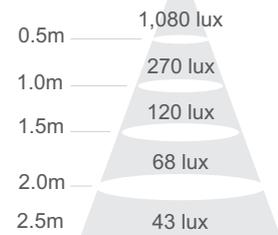
Color temperature 24W PSU
6500K



Color temperature 12W PSU
6500K



Color temperature 12W PSU
6500K



Samsung's LED Tubes are;

1. Industry leaders in quality and safety levels
2. Equivalent to fluorescent lights in intensity
3. Warm and soft in light ambience
4. Longer lasting (3 times longer than fluorescent lamps)



Fluorescent Lamps

Samsung LED Tubes (12~24W)

 <p>Electricity compared to fluorescent lamps 25-63% Lower</p>	 <p>Annual CO2 Emissions Fluorescent: 119kg LED (24W): 89kg 75% of fluorescent lamp emissions</p>	 <p>Long life last more than 3 times longer than fluorescent lamps over 40,000 hours</p>
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* Annual CO2 emission: 0.42kg/kWh (Based on usage 24 hours a day for 1 year)

Standard Type	600mm	12W
	1,200mm	24W
	1,500mm	24W



Comparativa de consumo

<p>TUBO DE 58 W CON</p>	Electromagnética CON CONDENSADOR		Samsung LED TUBE DE 24W 15000MM
	87 W	Power Consumption (W)	24W
	25lm/W	Eficiency (lm/W)	85 lm/W
	106,69 €	Yearly Electricity (\$)	29.43 € 70.87 % Savings
	6.000 hours	Lifespan (hr)	50,000 hours 50 Times more
<p>TUBO DE 58 W CON</p>	ELECTRONICA		Samsung LED TUBE DE 24W 15000MM
	73W	Power Consumption (W)	24W
	30lm/W	Eficiency (lm/W)	85 lm/W
	89.52 €	Yearly Electricity (\$)	29.43 € 67.19 % Savings
	6,000 hours	Lifespan (hr)	50,000 hours 50 Times more

*Electricity charge(Spain Standard) : 0.14 KWh *With an average usage of 24 hours per day

TUBO ELECTROMAGNETICA * 87 / 1.000 = 0.087 kWh x 24 h = 2.088 kWday x 365 day = 762,12 kW year x 0.14 €/kWh = 106,69 €

TUBO ELECTRONICA * 73 x 1.000 = 0.073 kWh x 24 h = 1.752 kWday x 365 day = 639,48 kW year x 0.14 €/kWh = 89.52 €

Samsung LED TUBO 24W * 24 x 1.000 = 0.024 kWh x 24 h = 0.576 kWday x 365 day = 210,24 kW year x 0.14 €/kWh = 29.43 €