

INTRODUCING:

SAMSUNG ELECTRONICS

LED Tube Technical data sheet

[2014 2H]

L-Tube (Performer) Series

: Energy-saving alternative to traditional fluorescent lamps

- L-tube installation without re-wiring of fixture* (compatible with conventional ballast)
- lower facility maintenance costs (long lifetime → reduced re-lamping frequency)
- application: Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

*For CCG(magnetic ballast) type, Conventional Starter has to be changed with L-Starter(L-Tube Starter)



[600mm]

- P** GU12H5009V8IEU
- P** GU12H5009T8IEU
- P** GU12H5009R8IEU

[1200mm]

- P** GU14H5016V8IEU
- P** GU14H5016T8IEU
- P** GU14H5016R8IEU
- P** GU14H5016P8IEU

[1500mm]

- P** GU15H5024V8IEU
- P** GU15H5024T8IEU
- P** GU15H5024R8IEU



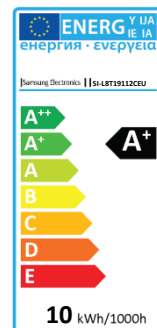
SAMSUNG ELECTRONICS LED Tube

590mm / 9.2W / G13 / 160° / 3000K

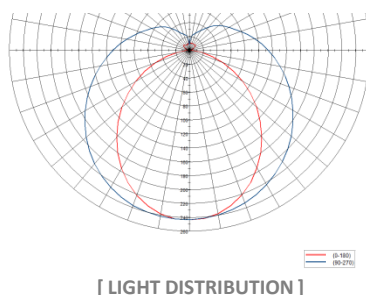
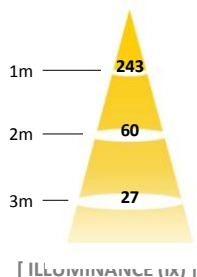
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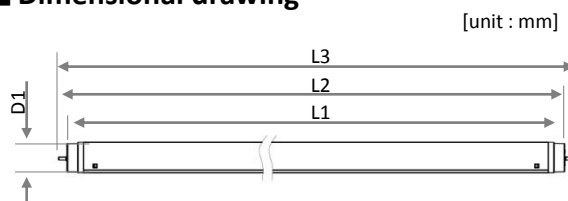
Maker	Samsung Electronics
Model Code / EAN Code	GU12H5009V81EU / 8806086251815
Voltage	AC 220~240V (50/60Hz)
Power Consumption	9.2W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
588.8	596.0	603.2	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 160
Nominal power consumption (W)	9.2	Rated beam angle (°)	> 160
Rated power consumption (W)	9.2	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	1,000	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	1,000	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Warm White
Input current (mA)	42	Color temperature (K)	3000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	590
Warm-up time	Instant full light	Weight (g)	120
Starting time (s)	0.1	Energy efficiency index	A+
On/Off cycles	50,000	Energy consumption (kWh/1000h)	10
		Certification	CE

Application

* Specifications are subject to change without notice.

* Energy consumption is calculated based on AC direct type

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	699mm x 34mm x 34mm	704mm x 185mm x 152mm
Gross Weight	172g	3.9kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

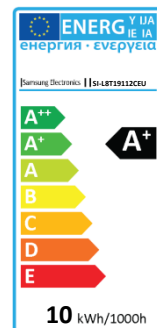
SAMSUNG ELECTRONICS LED Tube

590mm / 9.2W / G13 / 160° / 4000K

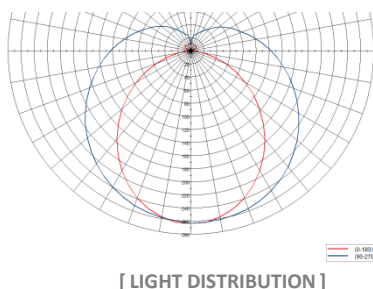
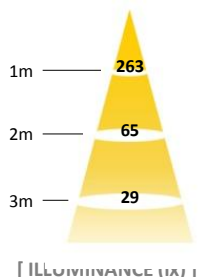
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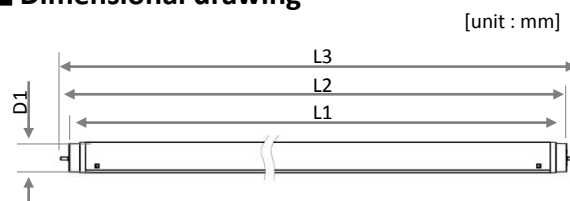
Maker	Samsung Electronics
Model Code / EAN Code	GU12H5009T8IEU / 8806086251792
Voltage	AC 220~240V (50/60Hz)
Power Consumption	9.2W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
588.8	596.0	603.2	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 160
Nominal power consumption (W)	9.2	Rated beam angle (°)	> 160
Rated power consumption (W)	9.2	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	1,050	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	1,050	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Neutral White
Input current (mA)	42	Color temperature (K)	4000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	590
Warm-up time	Instant full light	Weight (g)	120
Starting time (s)	0.1	Energy efficiency index	A+
On/Off cycles	50,000	Energy consumption (kWh/1000h)	10
		Certification	CE, SIRIM, RCM

Application

* Specifications are subject to change without notice.

* Energy consumption is calculated based on AC direct type

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	699mm x 34mm x 34mm	704mm x 185mm x 152mm
Gross Weight	172g	3.9kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

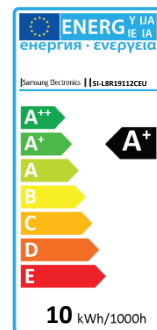
SAMSUNG ELECTRONICS LED Tube

590mm / 9.2W / G13 / 160° / 5000K

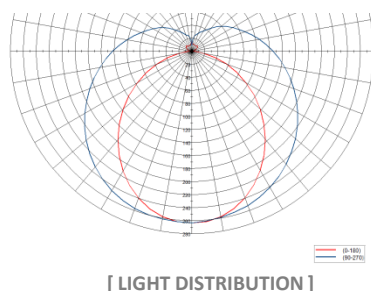
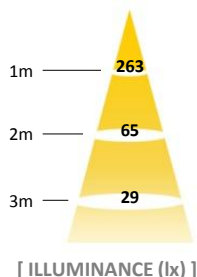
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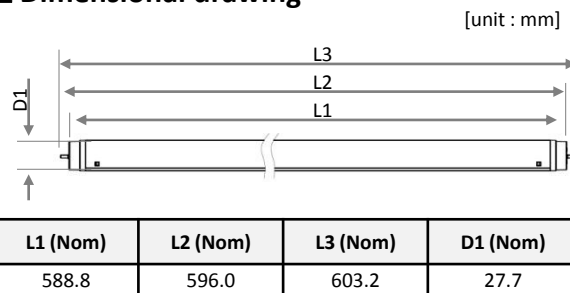
Maker	Samsung Electronics
Model Code / EAN Code	GU12H5009R8IEU / 8806086251617
Voltage	AC 220~240V (50/60Hz)
Power Consumption	9.2W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



Specifications

Type	LED Tube	Nominal beam angle (°)	> 160
Nominal power consumption (W)	9.2	Rated beam angle (°)	> 160
Rated power consumption (W)	9.2	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	1,100	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	1,100	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Cool White
Input current (mA)	42	Color temperature (K)	5000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	590
Warm-up time	Instant full light	Weight (g)	120
Starting time (s)	0.1	Energy efficiency index	A+
On/Off cycles	50,000	Energy consumption (kWh/1000h)	10
		Certification	CE

Application

* Specifications are subject to change without notice.

* Energy consumption is calculated based on AC direct type

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	699mm x 34mm x 34mm	704mm x 185mm x 152mm
Gross Weight	172g	3.9kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

■ L-Tube Performer Range



Product Code	Bar Code	Specification
GU12H5009V8IEU	8806086251815	1000lm / 9.2W / 160D / 3000K / G13
GU12H5009T8IEU	8806086251792	1050lm / 9.2W / 160D / 4000K / G13
GU12H5009R8IEU	8806086251617	1100lm / 9.2W / 160D / 5000K / G13

Samsung CCG Compatible L-Tube lamps are not for use with dimmers or dimming systems.

■ Ballast Compatibility

Model	Maker	Model Name
Performer 600mm	ABB	18-059 CF55
	Vossloh & Schwabe	LN18.220
		LN18.507
	TRIDONIC	EC 18 LC111K
	ABB	VVG 18-059 CF28
	Helvar	L18A-K

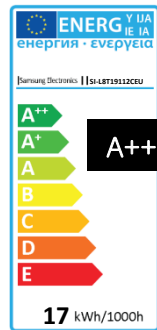
SAMSUNG ELECTRONICS LED Tube

1200mm / 16.9W / G13 / 160° / 3000K

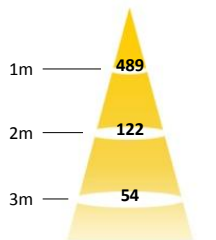
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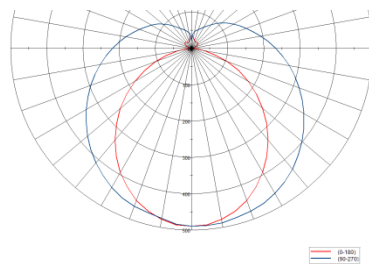
Maker	Samsung Electronics
Model Code / EAN Code	GU14H5016V8IEU / 8806086251587
Voltage	AC 220~240V (50/60Hz)
Power Consumption	16.9W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data

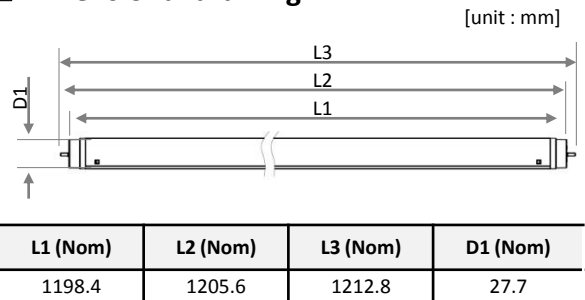


[ILLUMINANCE (lx)]



[LIGHT DISTRIBUTION]

Dimensional drawing



Specifications

Type	LED Tube	Nominal beam angle (°)	> 160
Nominal power consumption (W)	16.9	Rated beam angle (°)	> 160
Rated power consumption (W)	16.9	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	2,100	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	2,100	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Warm White
Input current (mA)	82	Color temperature (K)	3000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	1200
Warm-up time	Instant full light	Weight (g)	200
Starting time (s)	0.1	Energy efficiency index	A++
On/Off cycles	50,000	Energy consumption (kWh/1000h)	17
		Certification	CE

* Specifications are subject to change without notice

* Energy consumption is calculated based on AC direct type

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	1308mm x 34mm x 34mm	1313mm x 185mm x 152mm
Gross Weight	287g	6.6kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

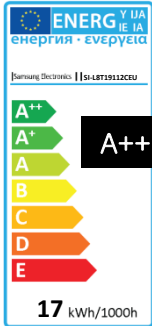
SAMSUNG ELECTRONICS LED Tube

1200mm / 16.9W / G13 / 160° / 4000K

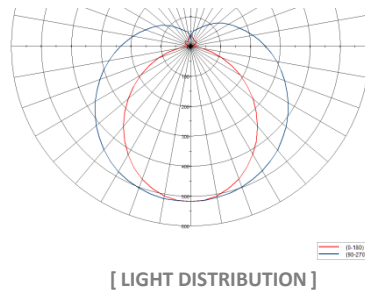
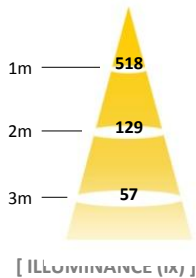
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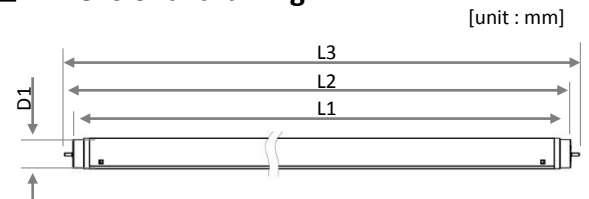
Maker	Samsung Electronics
Model Code / EAN Code	GU14H5016T8IEU / 8806086251594
Voltage	AC 220~240V (50/60Hz)
Power Consumption	16.9W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 160
Nominal power consumption (W)	16.9	Rated beam angle (°)	> 160
Rated power consumption (W)	16.9	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	2,150	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	2,150	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Neutral White
Input current (mA)	82	Color temperature (K)	4000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	1200
Warm-up time	Instant full light	Weight (g)	200
Starting time (s)	0.1	Energy efficiency index	A++
On/Off cycles	50,000	Energy consumption (kWh/1000h)	17
		Certification	CE, SIRIM, RCM

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

* Specifications are subject to change without notice

* Energy consumption is calculated based on AC direct type

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	1308mm x 34mm x 34mm	1313mm x 185mm x 152mm
Gross Weight	287g	6.6kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

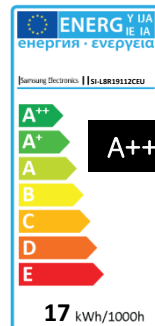
SAMSUNG ELECTRONICS LED Tube

1200mm / 16.9W / G13 / 160° / 5000K

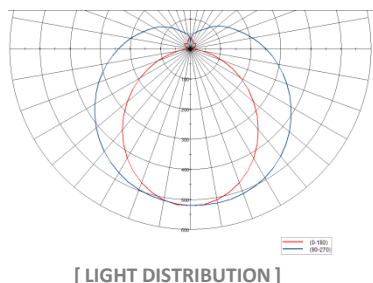
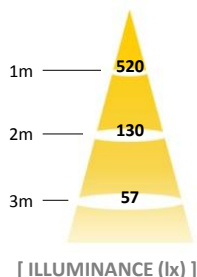
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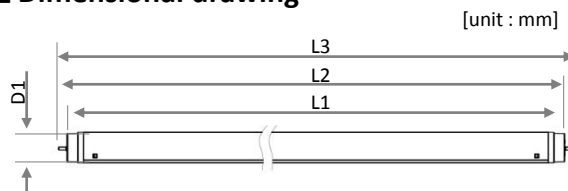
Maker	Samsung Electronics
Model Code / EAN Code	GU14H5016R81EU / 8806086251600
Voltage	AC 220~240V (50/60Hz)
Power Consumption	16.9W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 160
Nominal power consumption (W)	16.9	Rated beam angle (°)	> 160
Rated power consumption (W)	16.9	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	2,200	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	2,200	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Cool White
Input current (mA)	82	Color temperature (K)	5000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	1200
Warm-up time	Instant full light	Weight (g)	200
Starting time (s)	0.1	Energy efficiency index	A++
On/Off cycles	50,000	Energy consumption (kWh/1000h)	17
		Certification	CE, SIRIM

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

* Specifications are subject to change without notice

* Energy consumption is calculated based on AC direct type

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	1308mm x 34mm x 34mm	1313mm x 185mm x 152mm
Gross Weight	287g	6.6kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

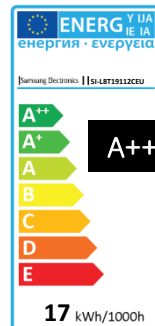
SAMSUNG ELECTRONICS LED Tube

1200mm / 16.9W / G13 / 160° / 6500K

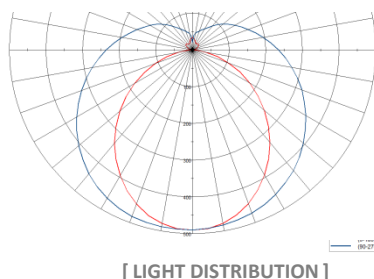
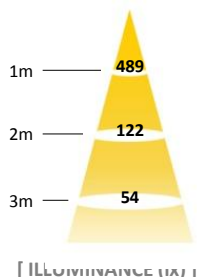
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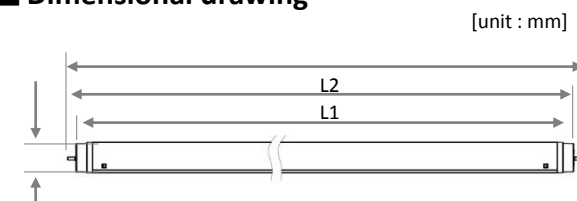
Maker	Samsung Electronics
Model Code / EAN Code	GU14H5016P81EU / 8806086251808
Voltage	AC 220~240V (50/60Hz)
Power Consumption	16.9W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 160
Nominal power consumption (W)	16.9	Rated beam angle (°)	> 160
Rated power consumption (W)	16.9	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	2,150	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	2,150	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Daylight
Input current (mA)	82	Color temperature (K)	6500
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	1200
Warm-up time	Instant full light	Weight (g)	200
Starting time (s)	0.1	Energy efficiency index	A++
On/Off cycles	50,000	Energy consumption (kWh/1000h)	17
		Certification	CE, SIRIM

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

* Specifications are subject to change without notice

* Energy consumption is calculated based on AC direct type

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	1308mm x 34mm x 34mm	1313mm x 185mm x 152mm
Gross Weight	287g	6.6kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

■ L-Tube Performer Range



Product Code	Bar Code	Specification
GU14H5016V8IEU	8806086251587	2100lm / 16.9W / 160D / 3000K / G13
GU14H5016T8IEU	8806086251594	2150lm / 16.9W / 160D / 4000K / G13
GU14H5016R8IEU	8806086251600	2200lm / 16.9W / 160D / 5000K / G13
GU14H5016P8IEU	8806086251808	2150lm / 16.9W / 160D / 6500K / G13

Samsung CCG Compatible L-Tube lamps are not for use with dimmers or dimming systems.

■ Ballast Compatibility

Model	Maker	Model Name
Performer 1200mm	Helvar	L36TL4
		L36A-K
		L36A-T
	KNOBEL	36-NG301
	Simens	VVG 5LZ 363
	Vossloh & Schwabe	L36I.342
	ABB	VVG 36-120 CF30
		36-120 CF55
	TRIDONIC	EC 36/40 C302K
		EC 36-1 C501K

* For CCG(magnetic ballast) type, conventional Starter has to be changed with L-Tube Starter

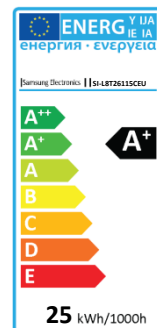
SAMSUNG ELECTRONICS LED Tube

1500mm / 24.6W / G13 / 150° / 3000K

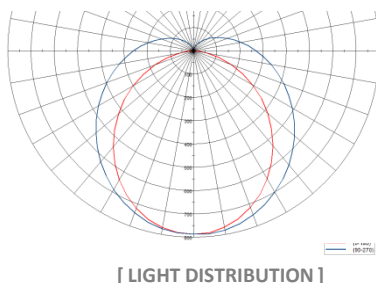
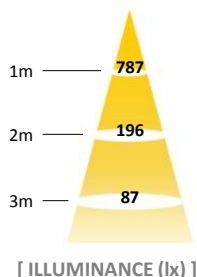
Product



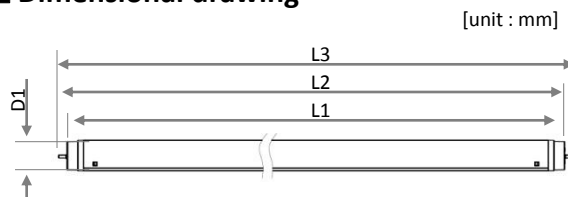
Maker	Samsung Electronics
Model Code / EAN Code	GU15H5024V8IEU / 8806086251822
Voltage	AC 220~240V (50/60Hz)
Power Consumption	24.6W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499.0	1506.2	1513.4	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 150
Nominal power consumption (W)	24.6	Rated beam angle (°)	> 150
Rated power consumption (W)	24.6	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	3,000	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	3,000	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Warm White
Input current (mA)	113	Color temperature (K)	3000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	1500
Warm-up time	Instant full light	Weight (g)	390
Starting time (s)	0.1	Energy efficiency index	A+
On/Off cycles	50,000	Energy consumption (kWh/1000h)	25
		Certification	CE

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
Dimensions (L×W×H)	1608mm x 34mm x 34mm	1613mm x 185mm x 152mm
Gross Weight	513g	11.3kg

Customer Benefits

- more than 50,000 hours average operating life (5 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (*please see recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

* Specifications are subject to change without notice.

* Energy consumption is calculated based on AC direct type

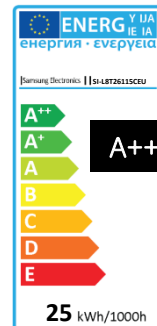
SAMSUNG ELECTRONICS LED Tube

1500mm / 24.6W / G13 / 150° / 4000K

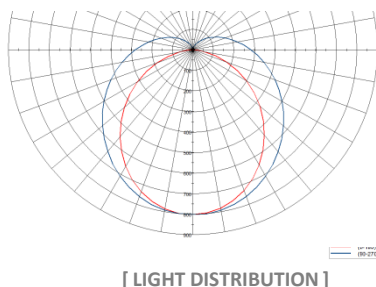
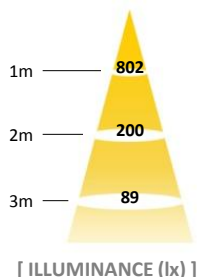
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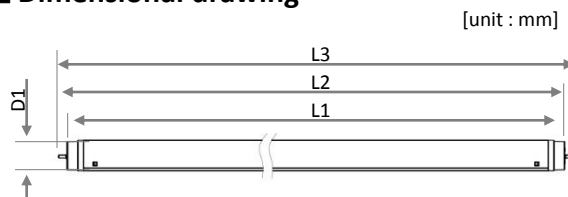
Maker	Samsung Electronics
Model Code / EAN Code	GU15H5024T8IEU / 8806086251846
Voltage	AC 220~240V (50/60Hz)
Power Consumption	24.6W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499.0	1506.2	1513.4	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 150
Nominal power consumption (W)	24.6	Rated beam angle (°)	> 150
Rated power consumption (W)	24.6	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	3,100	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	3,100	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Neutral White
Input current (mA)	113	Color temperature (K)	4000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	1500
Warm-up time	Instant full light	Weight (g)	390
Starting time (s)	0.1	Energy efficiency index	A++
On/Off cycles	50,000	Energy consumption (kWh/1000h)	25
		Certification	CE, RCM

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

Packaging Details

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- Depending on compatible ballast, Energy consumption can be changed.
- emits no UV

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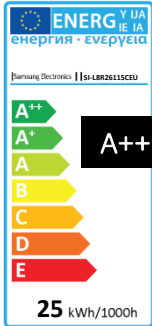
SAMSUNG ELECTRONICS LED Tube

1500mm / 24.6W / G13 / 150° / 5000K

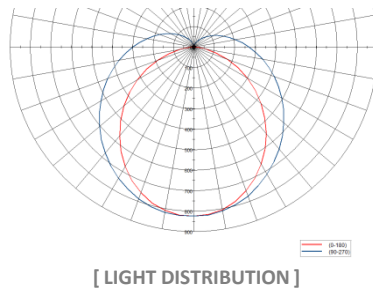
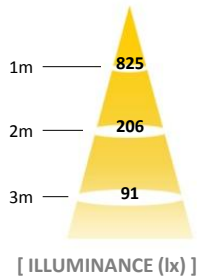
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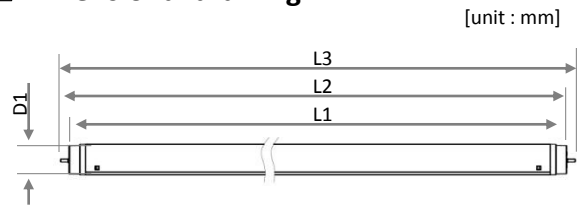
Maker	Samsung Electronics
Model Code / EAN Code	GU15H5024R8IEU / 8806086251860
Voltage	AC 220~240V (50/60Hz)
Power Consumption	24.6W
Product	CCG Compatible/AC Direct LED tube
Lamp Socket holder	G13



Lighting Data



Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499.0	1506.2	1513.4	27.7

Specifications

Type	LED Tube	Nominal beam angle (°)	> 150
Nominal power consumption (W)	24.6	Rated beam angle (°)	> 150
Rated power consumption (W)	24.6	Operating temperature (°C)	-20~+50
Nominal luminous flux (lm)	3,200	Nominal lamp life time (hrs)	50,000
Rated luminous flux (lm)	3,200	Rated lamp life time (hrs)	50,000
Frequency (Hz)	50/60	Color description	Cool White
Input current (mA)	113	Color temperature (K)	5000
Power factor	> 0.9	CRI(Ra)	Min.80
THD (%)	≤ 20	Diameter (mm)	Φ 27.7
Lumen Maintenance Factor	L70	Overall length (mm)	1500
Warm-up time	Instant full light	Weight (g)	390
Starting time (s)	0.1	Energy efficiency index	A++
On/Off cycles	50,000	Energy consumption (kWh/1000h)	25
		Certification	CE

Application

- Offices, Classrooms, Parking lots, Warehouses, Signage, Cove lighting (suitable for general lighting application)

Packaging Details

Packaging Type(Std.Pkg.Q'ty)	Single Box (1pc)	Outer carton (20pc/box)
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■ **L-Tube Performer Range**



Product Code	Bar Code	Specification
GU15H5024V8IEU	8806086251822	3000lm / 24.6W / 150D / 3000K / G13
GU15H5024T8IEU	8806086251846	3100lm / 24.6W / 150D / 3000K / G13
GU15H5024R8IEU	8806086251860	3200lm / 24.6W / 150D / 3000K / G13

Samsung CCG Compatible L-Tube lamps are not for use with dimmers or dimming systems.

■ **Ballast Compatibility**

Model	Maker	Model Name
Performer 1500mm	Helvar	L58A-T230
	TRIDONIC	EC58 C502K
	Vossloh & Schwabe	L58I.116