

INTRODUCING:

# **SAMSUNG ELECTRONICS**

## **Technical data sheet**

# 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)



- P SI-L8V10206CEU**
- P SI-L8T10206CEU**
- P SI-L8R10206CEU**
- P SI-L8V19112CEU**
- P SI-L8T19112CEU**
- P SI-L8R19112CEU**
- P SI-L8V26115CEU**
- P SI-L8T26115CEU**
- P SI-L8R26115CEU**



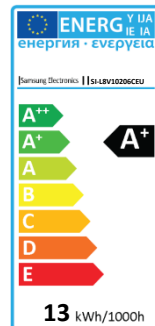
# SAMSUNG ELECTRONICS LED Tube

590mm / 10.0W / G13 / 160° / 3000K

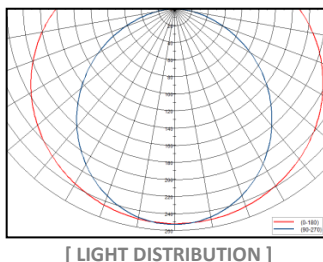
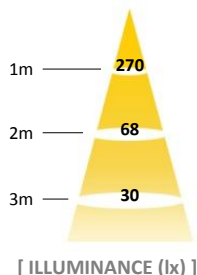
## Product



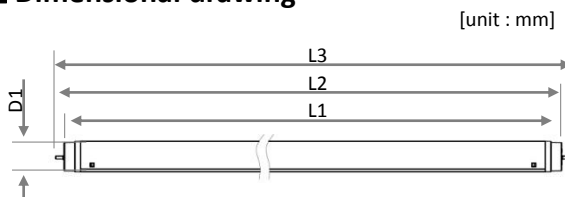
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8V10206CEU / 8806085726383
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	10.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Photometric Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
588.8	596	603.2	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	18	Operating temperature (°C)	-20~50
Wattage (W)	10.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>1,010</b>	Color description	Warm White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	3045±175
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	40~49	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	588.8
THD (%)	≤ 30	Weight (g)	110
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	13
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	673mm x 33mm x 33mm	678mm x 170mm x 140mm
Gross Weight	167g	3.8kg

## Customer Benefits

- 44% energy saving compared to traditional lamps/ • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

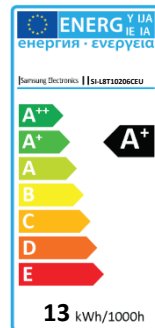
# SAMSUNG ELECTRONICS LED Tube

590mm / 10.0W / G13 / 160° / 4000K

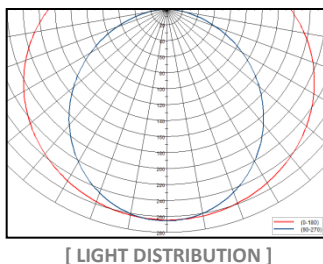
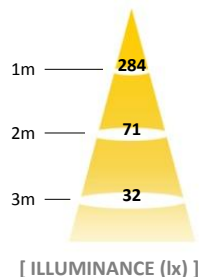
## Product



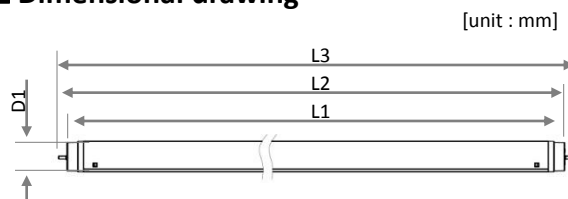
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8T10206CEU / 8806085739512
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	10.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Photometric Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
588.8	596	603.2	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	18	Operating temperature (°C)	-20~50
Wattage (W)	10.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>1,060</b>	Color description	Neutral White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	3985±275
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	40~49	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	588.8
THD (%)	≤ 30	Weight (g)	110
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	13
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	673mm x 33mm x 33mm	678mm x 170mm x 140mm
Gross Weight	167g	3.8kg

## Customer Benefits

- 44% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

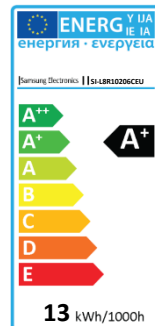
# SAMSUNG ELECTRONICS LED Tube

590mm / 10.0W / G13 / 160° / 5000K

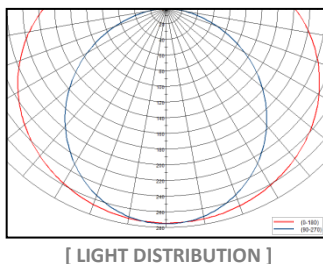
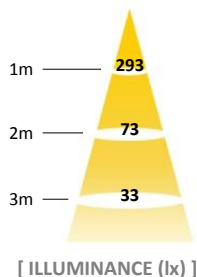
## Product



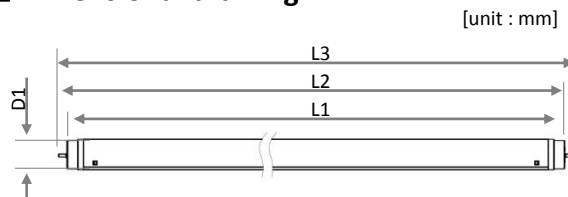
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8R10206CEU / 8806085739505
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	10.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Photometric Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
588.8	596	603.2	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	18	Operating temperature (°C)	-20~50
Wattage (W)	10.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>1,100</b>	Color description	Cool White
Voltage (V)	AC 220~240	Color temperature (K) (* ANSI Standard)	5028±283
Frequency (Hz)	50/60	CRI(Ra) (* ANSI Standard)	80↑
Input current (mA)	40~49	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	588.8
THD (%)	≤ 30	Weight (g)	110
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	13
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

## Application

\*Specifications are subject to change without notice.

- 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 )	673mm x 33mm x 33mm	678mm x 170mm x 140mm
Gross Weight	167g	3.8kg

## Customer Benefits

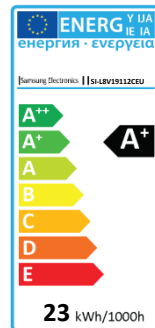
- 44% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 times longer than fluorescent lamps)
- the overall energy efficiency and light distribution of any installation that uses such lamps are determined by the design of the installation.
- compatible with an extensive range of ballast (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

# SAMSUNG ELECTRONICS LED Tube 1200mm / 19.0W / G13 / 160° / 3000K

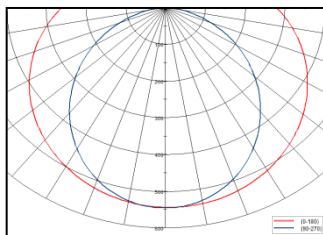
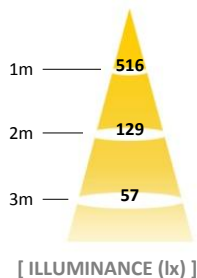
## Product



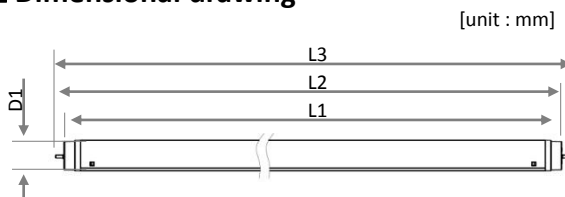
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8V19112CEU / 8806085726475
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	19.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	36	Operating temperature (°C)	-20~50
Wattage (W)	19.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,050</b>	Color description	Warm White
Voltage (V)	AC 220~240	Color temperature (K) (* ANSI Standard)	3045±175
Frequency (Hz)	50/60	CRI(Ra) (* ANSI Standard)	80↑
Input current (mA)	75~91	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1198.4
THD (%)	≤ 30	Weight (g)	190
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	23
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	1285mm x 33mm x 33mm	1290mm x 170mm x 140mm
Gross Weight	292g	6.6kg

## Customer Benefits

- 47% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

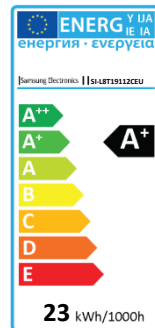
# SAMSUNG ELECTRONICS LED Tube

1200mm / 19.0W / G13 / 160° / 4000K

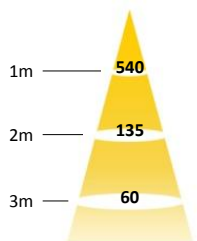
## Product



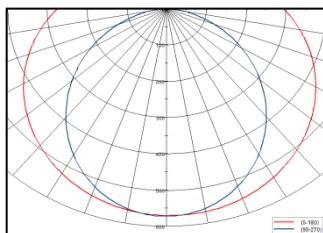
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8T19112CEU / 8806085726482
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	19.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



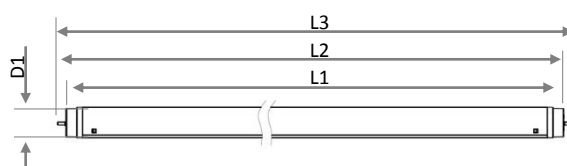
[ ILLUMINANCE (lx) ]



[ LIGHT DISTRIBUTION ]

## Dimensional drawing

[unit : mm]



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	36	Operating temperature (°C)	-20~50
Wattage (W)	19.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,150</b>	Color description	Neutral White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	3985±275
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	75~91	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1198.4
THD (%)	≤ 30	Weight (g)	190
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	23
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

## Application

\*Specifications are subject to change without notice.

- 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 )	1285mm x 33mm x 33mm	1290mm x 170mm x 140mm
Gross Weight	292g	6.6kg

## Customer Benefits

- 47% energy saving compared to traditional lamps/ • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

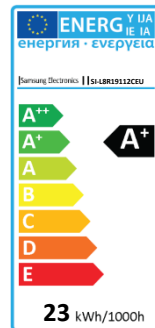
# SAMSUNG ELECTRONICS LED Tube

1200mm / 19.0W / G13 / 160° / 5000K

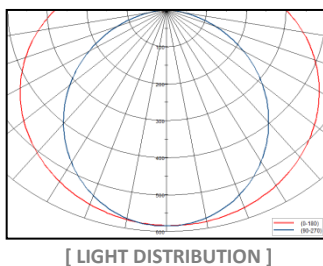
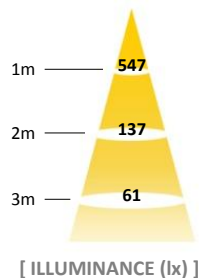
## Product



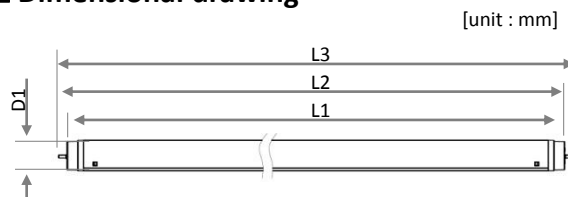
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8R19112CEU / 8806085726499
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	19.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	36	Operating temperature (°C)	-20~50
Wattage (W)	19.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,200</b>	Color description	Cool White
Voltage (V)	AC 220~240	Color temperature (K) (* ANSI Standard)	5028±283
Frequency (Hz)	50/60	CRI(Ra) (* ANSI Standard)	80↑
Input current (mA)	75~91	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1198.4
THD (%)	≤ 30	Weight (g)	190
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	23
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

## Application

\*Specifications are subject to change without notice.

- 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 )	1285mm x 33mm x 33mm	1290mm x 170mm x 140mm
Gross Weight	292g	6.6kg

## Customer Benefits

- 47% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.



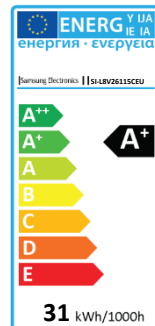
# SAMSUNG ELECTRONICS LED Tube

1500mm / 26.0W / G13 / 135° / 3000K

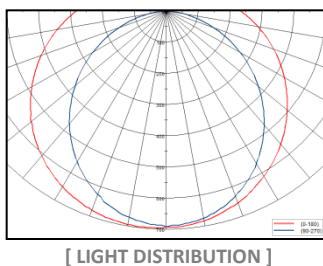
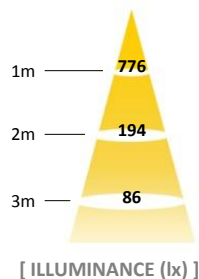
## Product



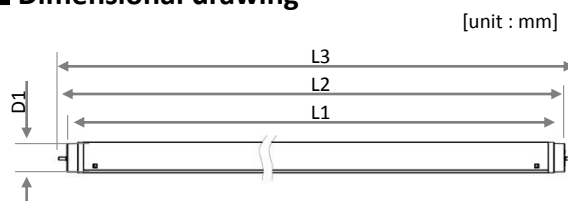
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8V26115CEU / 8806085726451
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	26.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499	1506.2	1513.4	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	58	Operating temperature (°C)	-20~50
Wattage (W)	26.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,750</b>	Color description	Warm White
Voltage (V)	AC 220~240	Color temperature (K) (* ANSI Standard)	3045±175
Frequency (Hz)	50/60	CRI(Ra) (* ANSI Standard)	80↑
Input current (mA)	105~129	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1499
THD (%)	≤ 30	Weight (g)	405
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	31
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

## Application

\*Specifications are subject to change without notice.

- 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 )	1585mm x 33mm x 33mm	1590mm x 170mm x 140mm
Gross Weight	530g	11.5kg

## Customer Benefits

- 55% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

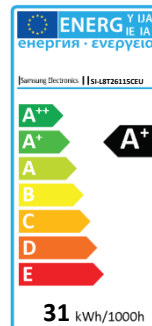
# SAMSUNG ELECTRONICS LED Tube

1500mm / 26.0W / G13 / 135° / 4000K

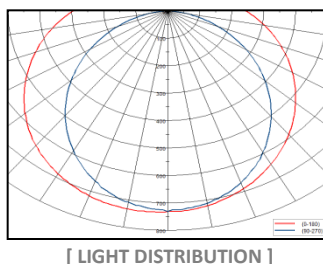
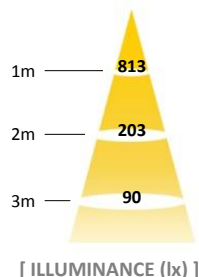
## Product



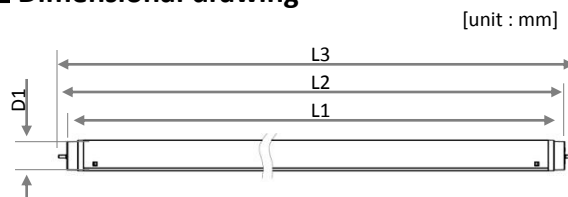
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8T26115CEU / 8806085726468
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	26.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499	1506.2	1513.4	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	58	Operating temperature (°C)	-20~50
Wattage (W)	26.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,900</b>	Color description	Neutral White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	3985±275
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	105~129	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1499
THD (%)	≤ 30	Weight (g)	405
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	31
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

## Application

\*Specifications are subject to change without notice.

- 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 )	1585mm x 33mm x 33mm	1590mm x 170mm x 140mm
Gross Weight	530g	11.5kg

## Customer Benefits

- 55% energy saving compared to traditional lamps/
- emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

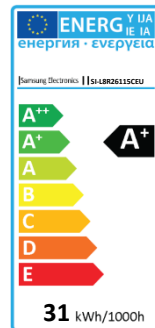
# SAMSUNG ELECTRONICS LED Tube

1500mm / 26.0W / G13 / 135° / 5000K

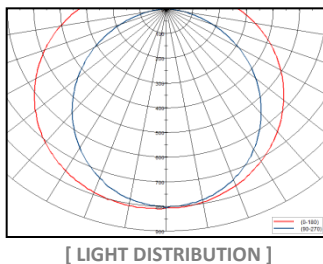
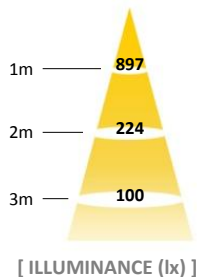
## Product



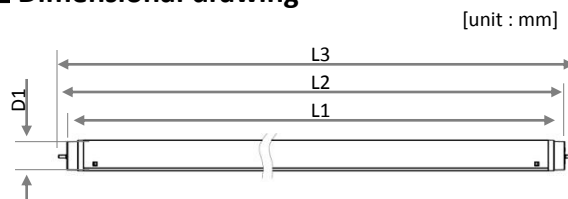
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8R26115CEU / 8806085737921
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	26.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499	1506.2	1513.4	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	58	Operating temperature (°C)	-20~50
Wattage (W)	26.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>3,200</b>	Color description	Cool White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	5028±283
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	105~129	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1499
THD (%)	≤ 30	Weight (g)	405
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	31
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

## Application

\*Specifications are subject to change without notice.

- 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 )	1585mm x 33mm x 33mm	1590mm x 170mm x 140mm
Gross Weight	530g	11.5kg

## Customer Benefits

- 55% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

# L-Tube (Essential) 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)



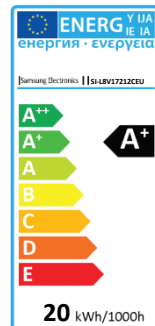
- E SI-L8V17212CEU**
- E SI-L8T17212CEU**
- E SI-L8R17212CEU**
- E SI-L8V20115CEU**
- E SI-L8T20115CEU**
- E SI-L8R20115CEU**

# SAMSUNG ELECTRONICS LED Tube 1200mm / 16.5W / G13 / 160° / 3000K

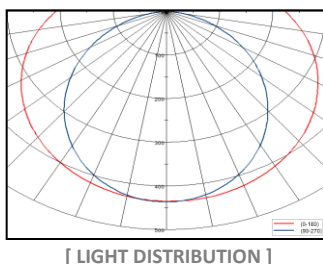
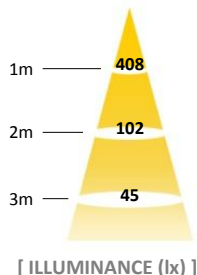
## Product



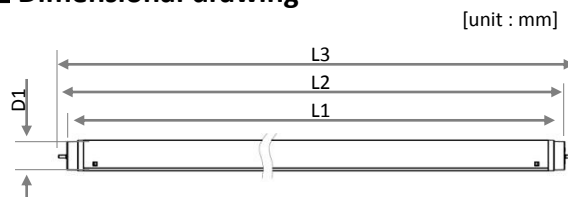
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8V17212CEU / 8806085726505
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	16.5W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	36	Operating temperature (°C)	-20~50
Wattage (W)	16.5	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>1,640</b>	Color description	Warm White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	3045±175
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	67~82	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1198.4
THD (%)	≤ 30	Weight (g)	190
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	20
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	1285mm x 33mm x 33mm	1290mm x 170mm x 140mm
Gross Weight	292g	6.6kg

## Customer Benefits

- 54% energy saving compared to traditional lamps/
- emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

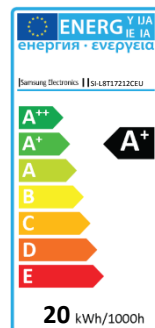
# SAMSUNG ELECTRONICS LED Tube

1200mm / 16.5W / G13 / 160° / 4000K

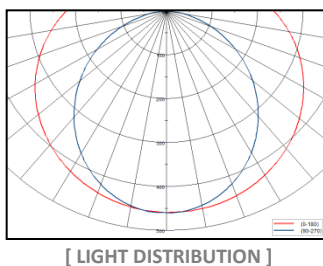
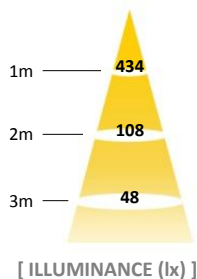
## Product



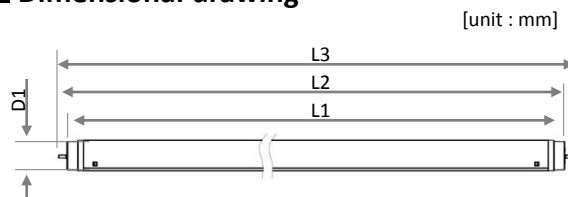
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8T17212CEU / 8806085737938
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	16.5W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	36	Operating temperature (°C)	-20~50
Wattage (W)	16.5	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>1,730</b>	Color description	Neutral White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	3985±275
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	67~82	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1198.4
THD (%)	≤ 30	Weight (g)	190
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	20
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	1285mm x 33mm x 33mm	1290mm x 170mm x 140mm
Gross Weight	292g	6.6kg

## Customer Benefits

- 54% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

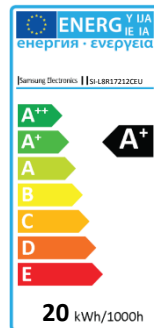
# SAMSUNG ELECTRONICS LED Tube

1200mm / 16.5W / G13 / 160° / 5000K

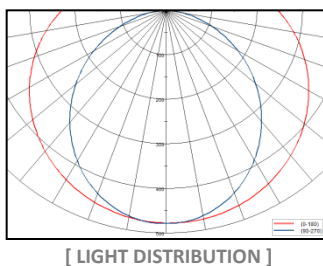
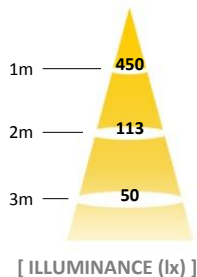
## Product



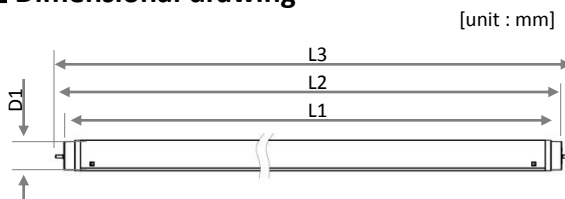
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8R17212CEU / 8806085726512
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	16.5W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1198.4	1205.6	1212.8	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	36	Operating temperature (°C)	-20~50
Wattage (W)	16.5	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>1,800</b>	Color description	Cool White
Voltage (V)	AC 220~240	Color temperature (K) (* ANSI Standard)	5028±283
Frequency (Hz)	50/60	CRI(Ra) (* ANSI Standard)	80↑
Input current (mA)	67~82	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1198.4
THD (%)	≤ 30	Weight (g)	190
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	20
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	1285mm x 33mm x 33mm	1290mm x 170mm x 140mm
Gross Weight	292g	6.6kg

## Customer Benefits

- 54% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

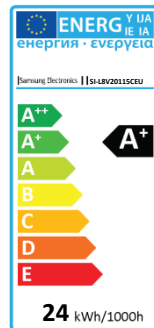
# SAMSUNG ELECTRONICS LED Tube

1500mm / 20.0W / G13 / 135° / 3000K

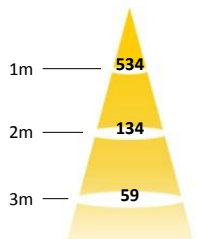
## Product



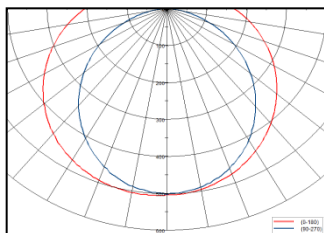
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8V20115CEU / 8806085726376
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	20.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



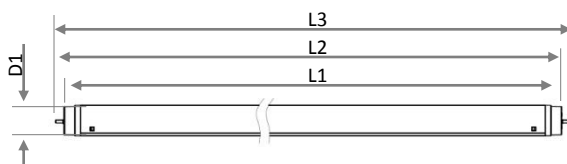
[ ILLUMINANCE (lx) ]



[ LIGHT DISTRIBUTION ]

## Dimensional drawing

[unit : mm]



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499	1506.2	1513.4	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	58	Operating temperature (°C)	-20~50
Wattage (W)	20.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,000</b>	Color description	Warm White
Voltage (V)	AC 220~240	Color temperature (K) (* ANSI Standard)	3045±175
Frequency (Hz)	50/60	CRI(Ra) (* ANSI Standard)	80↑
Input current (mA)	82~100	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1499
THD (%)	≤ 30	Weight (g)	405
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	24
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	1585mm x 33mm x 33mm	1590mm x 170mm x 140mm
Gross Weight	530g	11.5kg

## Customer Benefits

- 66% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.



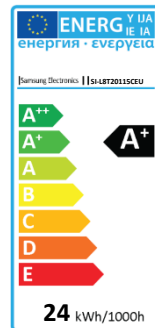
# SAMSUNG ELECTRONICS LED Tube

1500mm / 20.0W / G13 / 135° / 4000K

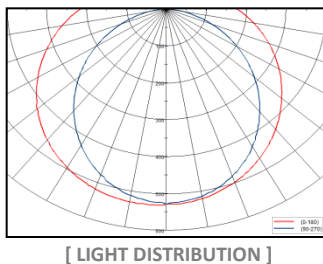
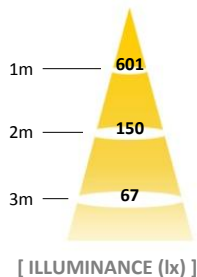
## Product



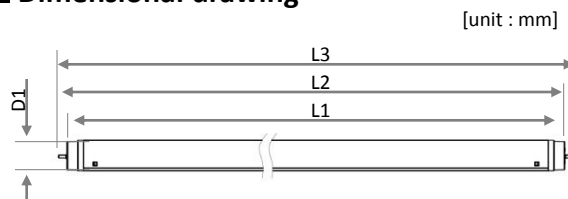
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8T20115CEU / 8806085726437
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	20.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499	1506.2	1513.4	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	58	Operating temperature (°C)	-20~50
Wattage (W)	20.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,100</b>	Color description	Neutral White
Voltage (V)	AC 220~240	Color temperature (K) (※ ANSI Standard)	3985±275
Frequency (Hz)	50/60	CRI(Ra) (※ ANSI Standard)	80↑
Input current (mA)	82~100	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1499
THD (%)	≤ 30	Weight (g)	405
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	24
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	1585mm x 33mm x 33mm	1590mm x 170mm x 140mm
Gross Weight	530g	11.5kg

## Customer Benefits

- 66% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.

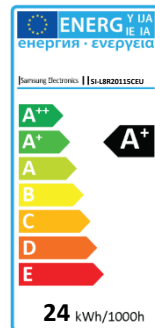
# SAMSUNG ELECTRONICS LED Tube

1500mm / 20.0W / G13 / 135° / 5000K

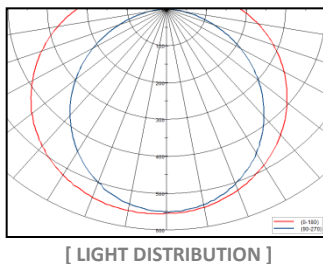
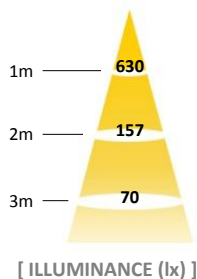
## Product



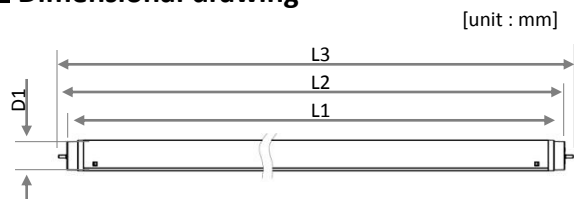
<b>Maker</b>	Samsung Electronics
<b>Model Code / EAN Code</b>	SI-L8R20115CEU / 8806085726444
<b>Voltage</b>	AC 220~240V (50/60Hz)
<b>Power Consumption</b>	20.0W
<b>Type of Lamp</b>	L-tube compatible with CCG
<b>Lamp Socket holder</b>	G13



## Lighting Data



## Dimensional drawing



L1 (Nom)	L2 (Nom)	L3 (Nom)	D1 (Nom)
1499	1506.2	1513.4	25.78

## Specifications

Type	L-Tube	Beam angle (°)	> 160
Equivalent to (W)	58	Operating temperature (°C)	-20~50
Wattage (W)	20.0	Average lifetime (hrs)	40,000
Lumen output (lm)	<b>2,200</b>	Color description	Cool White
Voltage (V)	AC 220~240	Color temperature (K) (* ANSI Standard)	5028±283
Frequency (Hz)	50/60	CRI(Ra) (* ANSI Standard)	80↑
Input current (mA)	82~100	Diameter (mm)	Φ 27.5
Power factor	≥ 0.9	Overall length (mm)	1499
THD (%)	≤ 30	Weight (g)	405
Lumen Maintenance Factor	L70	Energy Efficiency Index	A+
Warm-up time	Instant full light	Energy consumption (kWh/1000h)	24
Starting time (s)	< 0.1	Certification	VDE, CE
On/Off cycles_30s/30s (2s/15s)	50,000(200,000)		

\*Specifications are subject to change without notice.

## 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 )	1585mm x 33mm x 33mm	1590mm x 170mm x 140mm
Gross Weight	530g	11.5kg

## Customer Benefits

- 66% energy saving compared to traditional lamps / • emits no UV or IR radiation
- more than 40,000 hours average operating life (4 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 (\*recommended ballast list)
- Depending on compatible ballast, Energy consumption can be changed.