

# TUBULAR Series



## Standing Out from the Rest

The next generation TUBULAR series is the perfect alternative to the everyday incandescent bulb, which offers economical lighting solutions that are cost-efficient in terms of energy usage and illumination intensity.

## Applications

Table lamps, wall lamps, pendent lamps and ceiling lamps.



### MU111i MU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	45	84	54
E14	45	86	52

11 Watt

15,000 hours



700lm



Standard Pack  
60 (10)



### MU115i MU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	45	93	62
E14	45	95	60

15 Watt

15,000 hours



950lm



Standard Pack  
60 (10)



### MU120i MU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	45	112	75

20 Watt

15,000 hours



1300lm



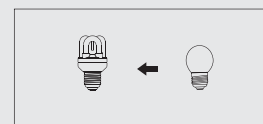
Standard Pack  
60 (10)



MU111i & MU115i also available in B15d & B22

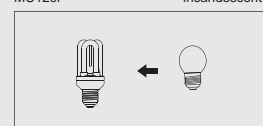
Comparison with equivalent lamp type

MU111i MU115i Incandescent



MU120i also available in B22

MU120i Incandescent



Available in different colour temperatures.



Similar size as incandescent bulb



Ø45

Same diameter as Incandescent P45



Employs GREEN ring for E27 / E14 lamp base



RoHS label printed on B22 / B15d lamp base

Operating Temperature:  
-10°C to +40°C



- 15,000 hrs lifetime
- 600,000 switching cycles
- Shorter preheating time



# LILIPUT PLUS

## ENERGY SAVING LAMPS



### MU123i MU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	45	120	80

23 Watt

15,000 hours



1500lm



Standard Pack 60 (10)



### MU130i MU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	58	156	173

30 Watt

15,000 hours



2000lm



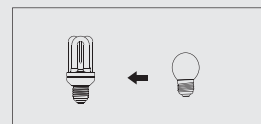
Standard Pack 60 (10)



Also available in B22

Comparison with equivalent lamp type

MU123i MU130i Incandescent



Available in different colour temperatures.



Similar size as incandescent bulb



Employs GREEN ring for E27 lamp base



RoHS label printed on B22 lamp base

Operating Temperature:  
-10°C to + 40°C



### MU211 *MU-tube*

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	49	94	60

**11** Watt

10,000 hours



**531**lm



Standard Pack  
60 (10)



### MU215 *MU-tube*

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	49	103	67

**15** Watt

10,000 hours



**798**lm



Standard Pack  
60 (10)



### MU220 *MU-tube*

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	49	118	77

**20** Watt

10,000 hours



**1151**lm



Standard Pack  
60 (10)



### MU223 *MU-tube*

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	49	127	87

**23** Watt

10,000 hours



**1371**lm



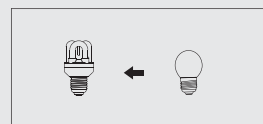
Standard Pack  
60 (10)



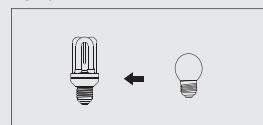
Also available in B22

Comparison with equivalent lamp type

MU211  
MU215 Incandescent



MU220  
MU223 Incandescent



Available in different colour temperatures.



Similar size as  
incandescent  
bulb



Employs GREEN ring for  
E27 / E14 lamp base



RoHS label printed on  
B22 / B15d lamp base

Operating Temperature:  
-10°C to + 40°C

# LILIPUT PLUS



100% Lumen Output achieved at  $-5^{\circ}\text{C}$ .  
40% Lumen Output achieved at  $-25^{\circ}\text{C}$ .

## ENERGY SAVING LAMPS



### MU111b *MU-tube*

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	45	91	60

11 Watt	15,000 hours	600lm	Standard Pack 60 (10)	Operating Temperature $+40^{\circ}\text{C}$ $-30^{\circ}\text{C}$
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### MU115b *MU-tube*

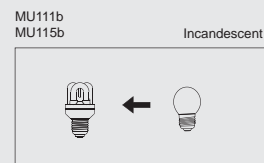
Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	45	97	63

15 Watt	15,000 hours	950lm	Standard Pack 60 (10)	Operating Temperature $+40^{\circ}\text{C}$ $-30^{\circ}\text{C}$
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Also available in B22

Comparison with equivalent lamp type



Available in different colour temperatures.



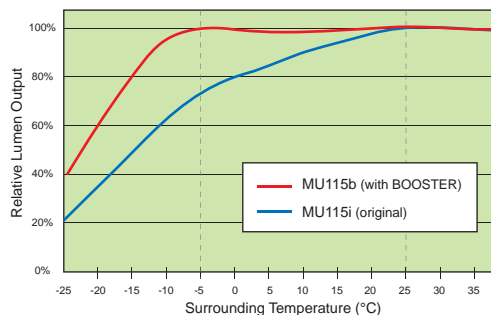
Similar size as incandescent bulb

Engineered with the booster device, MEGAMAN® lamps are able to ignite and deliver exceptionally stable lumen performance in extremely cold areas.

- Helps MEGAMAN® lamps reach high lumen performance in cold areas as low as  $-30^{\circ}\text{C}$
- Currently adopted in MEGAMAN® 15W LILIPUT PLUS
- 15,000 hours lamp life with *INGENIUM*®



Relative Lumen Output Vs. Temperature





### SLU205i SLU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	35	78	33
E14	35	80	30

5 Watt

15,000 hours



200lm



Standard Pack 60 (10)



### SLU208i SLU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	35	89	36
E14	35	91	33

8 Watt

15,000 hours



400lm



Standard Pack 60 (10)



### SLU211i SLU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	38	104	44
E14	38	105	41

11 Watt

15,000 hours



600lm



Standard Pack 60 (10)



### SLU214i SLU-tube



Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	38	115	48
E14	38	116	45

14 Watt

15,000 hours



800lm



Standard Pack 60 (10)

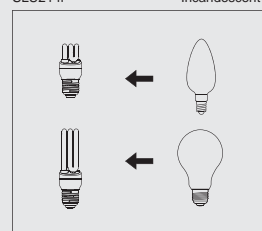


Also available in B15d & B22

Comparison with equivalent lamp type

SLU205i  
SLU208i  
SLU211i  
SLU214i

Incandescent



Available in different colour temperatures.



Similar size as incandescent bulb



Similar size as incandescent bulb



Ø35

Same diameter as 60W incandescent candle.



Employs GREEN ring for E27 / E14 lamp base



RoHS label printed on B22 / B15d lamp base

Operating Temperature:  
-10°C to + 40°C



- 15,000 hrs lifetime
- 600,000 switching cycles
- Shorter preheating time





### SLU105 *SLU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	38	83	34
E14	38	84	30

5 Watt

10,000 hours



200lm



Standard Pack 60 (10)



### SLU108 *SLU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	38	94	37
E14	38	95	34

8 Watt

10,000 hours



400lm



Standard Pack 60 (10)



### SLU111 *SLU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	42	106	50
E14	42	108	46

11 Watt

10,000 hours



600lm



Standard Pack 60 (10)



### SLU114 *SLU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	42	120	54
E14	42	122	50

14 Watt

10,000 hours



800lm



Standard Pack 60 (10)

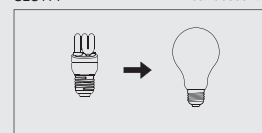


Also available in B15d & B22

Comparison with equivalent lamp type

SLU105  
SLU108  
SLU111  
SLU114

Incandescent



measurement based on diagonal

Available in different colour temperatures.



Similar size as incandescent bulb



Operating Temperature:  
-10°C to + 40°C



### WL220 4P-tube

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	52	130	87

20 Watt

10,000 hours



1151lm



Standard Pack 60 (10)



### WL223 4P-tube

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	52	141	93

23 Watt

10,000 hours



1371lm



Standard Pack 60 (10)



### WL130 4P-tube

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	64	176	156

30 Watt

10,000 hours



1900lm



Standard Pack 60 (10)



## Incredibly Petite Yet Bright

- World's smallest energy-saving lamp with built-in ingenious lamp-tube protector, which helps reduce fragility of the lamp and reduces glass breakages.
- A piece of plastic separator is inserted between the arcs of the bending tube.
- Environmentally-friendly water-based adhesive is employed to attach the lamp tube protector onto the tube.

Equipped with lamp tube protector

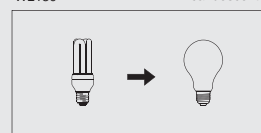


Also available in B22

Comparison with equivalent lamp type

WL220  
WL223  
WL130

Incandescent



measurement based on diagonal

Available in different colour temperatures.



Similar size as incandescent bulb

Operating Temperature:  
-10°C to + 40°C



# TUBULAR

## ENERGY SAVING LAMPS



### SU207 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E14	46	103	50

7 Watt

12,000 hours



350lm



Standard Pack  
60 (10)



### SU209 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E14	46	106	50

9 Watt

12,000 hours



450lm



Standard Pack  
60 (10)



### SU211 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E14	46	120	58

11 Watt

12,000 hours



650lm



Standard Pack  
60 (10)

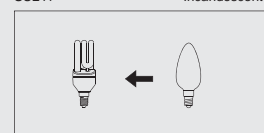


Also available in B15d

Comparison with equivalent lamp type

SU207  
SU209  
SU211

Incandescent



measurement based on  
diagonal

Available in different colour  
temperatures.



Similar size as  
incandescent  
bulb

Operating Temperature:  
-10°C to + 40°C



### SU107 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	52	103	53

**7** Watt

12,000 hours



**380lm**



Standard Pack  
60 (10)

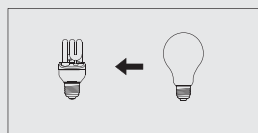


Also available in B22

Comparison with equivalent lamp type

SU107  
SU109  
SU111  
SU115

Incandescent



measurement based on diagonal

Available in different colour temperatures.



Similar size as incandescent bulb



### SU109 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	52	103	56

**9** Watt

12,000 hours



**500lm**



Standard Pack  
60 (10)



### SU111 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	52	117	63

**11** Watt

12,000 hours



**700lm**



Standard Pack  
60 (10)



### SU115 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	52	135	70

**15** Watt

12,000 hours



**950lm**



Standard Pack  
60 (10)



Operating Temperature:  
-10°C to +40°C

# TUBULAR

## ENERGY SAVING LAMPS



### SU320 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	61	143	100

20 Watt

12,000 hours

1300lm

Standard Pack 60 (10)



### SU323 *SU-tube*

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	61	155	107

23 Watt

12,000 hours

1500lm

Standard Pack 60 (10)



### A404 *SL-tube*

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	37	98	41
E14	37	98	39

4 Watt

10,000 hours

180lm

Standard Pack 60 (10)



### A406 *W-tube*

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	37	108	45
E14	37	108	43

6 Watt

10,000 hours

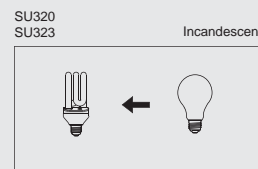
280lm

Standard Pack 60 (10)



SU320 & SU323 also available in B22

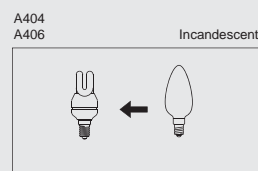
Comparison with equivalent lamp type



measurement based on diagonal

Also available in B15d & B22

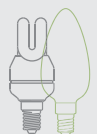
Comparison with equivalent lamp type



Available in different colour temperatures.



Similar size as incandescent bulb



Similar size as incandescent bulb

Operating Temperature:  
-10°C to + 40°C



### W1505 W-tube

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E14	37	105	37

5 Watt

8,000 hours



235lm



Standard Pack  
60 (10)



### W1508 W-tube

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E14	44	111	45

8 Watt

8,000 hours



420lm



Standard Pack  
60 (10)



### W1511 W-tube

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	44	119	52
E14	44	122	49

11 Watt

8,000 hours



600lm



Standard Pack  
60 (10)



### W1514 W-tube

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	44	130	57
E14	44	133	54

14 Watt

8,000 hours



800lm



Standard Pack  
60 (10)

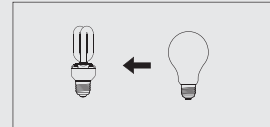


Also available in B15d & B22

Comparison with equivalent lamp type

W1505  
W1508  
W1511  
W1514

Incandescent



Available in different colour temperatures.



Similar size as  
incandescent  
bulb

Operating Temperature:  
-10°C to + 40°C

# TUBULAR

## ENERGY SAVING LAMPS



### 3U120 3U-tube

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	49	132	91

20 Watt

8,000 hours



1151lm



Standard Pack  
60 (10)



### 3U123 3U-tube

Lamp Base	Diameter (mm)	Length (mm)	Weight (g)
E27	49	144	100

23 Watt

8,000 hours



1371lm



Standard Pack  
60 (10)

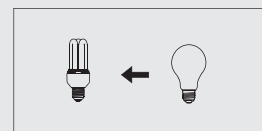


SU320 & SU323 also available  
in B22

Comparison with equivalent lamp type

3U120  
3U123

Incandescent



measurement based on  
diagonal

Available in different colour  
temperatures.



Similar size as  
incandescent  
bulb



Similar size as  
incandescent  
bulb

Operating Temperature:  
-10°C to + 40°C



### 3U405 3U-tube

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	44	95	39
E14	44	94	37

5 Watt

8,000 hours



235lm



Standard Pack 60 (10)



### 3U408 3U-tube

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	44	106	42
E14	44	105	40

8 Watt

8,000 hours



420lm



Standard Pack 60 (10)



### 3U411 3U-tube

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	48	115	55
E14	48	113	53

11 Watt

8,000 hours



600lm



Standard Pack 60 (10)



### 3U414 3U-tube

Lamp Base	Diagonal (mm)	Length (mm)	Weight (g)
E27	48	130	62
E14	48	128	60

14 Watt

8,000 hours



800lm

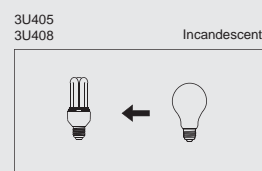


Standard Pack 60 (10)

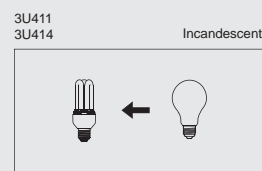


Also available in B22

Comparison with equivalent lamp type



measurement based on diagonal



measurement based on diagonal diameter

Available in different colour temperatures.



Similar size as incandescent bulb

Operating Temperature:  
-10°C to + 40°C