

## LED Stik E27, B22



DATA SHEET

### Product information

LED Stik illuminates spaces with light instantly. Its sleek cylindrical shape fits in place of a traditional incandescent bulb and some sockets where a traditional bulb or CFL doesn't fit. Replace a 40W, 60W, 75W & 100W incandescent with an LED Stik and keep saving for the next 15 years\*. That's a long time you can spend not worrying about light bulbs.

### Features & benefits

- LED technology for energy saving
- Redesigned shape with multiple advantages:
- To fit in more fixtures compared to CFL
- Optimised for omni-directional light distribution
- Space-saving benefits on-shelf
- Replaces a standard 40W, 60W, 75W & 100W bulb
- Rated life of 15 years\*
- 3 colour options - 3000K, 4000K & 6500K
- Always ready - instant brightness
- No mercury - worry-free use and disposal
- CE marked and Ecodesign compliant
- Warranty: 2 years with maximum 8 000 burning hours according to Tungsram Standard Warranty conditions

\*Based on 2.7 hours of per day use.

### Application areas



Retail



Hospitality



Home

### Standards

- EN 55015: Limits and methods of measurement of radio disturbance characteristics of electrical lighting
- EN 61547: Equipment for general lighting purposed EMC immunity requirements
- EN 61000-3-3: Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current  $\leq 16A$ )
- EN 61000-3-2: Limits - Limits for harmonic current emissions (equipment input  $\leq 16 A$  per phase)
- IEC 62471: Photo biological safety of lamps and lamp systems
- IEC 60061: Lamp Caps and holders together with gauges for the control of interchangeability and safety
- EN 62560: Self-ballasted lamps for general lighting services by voltage  $> 50V$  - safety specification
- EN 62493: Assessment of lighting equipment related to human exposure to electromagnetic fields



# Specification summary

Product Code	Direct Shipment Code	Product Description	Nominal /Rated Power (W)	Replacement Watt (W)	Nominal/ Rated Lumens (lm)	Nominal/ Rated Life (L70/B50 hours)	CCT (K)	CRI (Ra)	Cap/ Base	EEC	Pack Qty
<b>Single pack</b>											
93120083	93120109	LED 5.5/STIK/830/220-240V/B22/BX	5,5	40	470	15000	3000	80	B22	F	1/15
93120084	93120107	LED 5.5/STIK/830/220-240V/E27/BX	5,5	40	470	15000	3000	80	E27	F	1/15
93120085	93120112	LED 5.5/STIK/840/220-240V/B22/BX	5,5	42	500	15000	4000	80	B22	F	1/15
93120086	93120111	LED 5.5/STIK/840/220-240V/E27/BX	5,5	42	500	15000	4000	80	E27	F	1/15
93120087	93120110	LED 5.5/STIK/865/220-240V/B22/BX	5,5	42	500	15000	6500	80	B22	F	1/15
93120088	93120108	LED 5.5/STIK/865/220-240V/E27/BX	5,5	42	500	15000	6500	80	E27	F	1/15
93120091	93120115	LED 8.5/STIK/830/220-240V/B22/BX	8,5	60	806	15000	3000	80	B22	F	1/15
93120089	93120113	LED 8.5/STIK/830/220-240V/E27/BX	8,5	60	806	15000	3000	80	E27	F	1/15
93120094	93120118	LED 8.5/STIK/840/220-240V/B22/BX	8,5	63	850	15000	4000	80	B22	F	1/15
93120093	93120117	LED 8.5/STIK/840/220-240V/E27/BX	8,5	63	850	15000	4000	80	E27	F	1/15
93120092	93120116	LED 8.5/STIK/865/220-240V/B22/BX	8,5	63	850	15000	6500	80	B22	F	1/15
93120090	93120114	LED 8.5/STIK/865/220-240V/E27/BX	8,5	63	850	15000	6500	80	E27	F	1/15
93120097	93120121	LED10.5/STIK/830/220-240V/B22/BX	10,5	75	1055	15000	3000	80	B22	F	1/15
93120095	93120119	LED10.5/STIK/830/220-240V/E27/BX	10,5	75	1055	15000	3000	80	E27	F	1/15
93120100	93120124	LED10.5/STIK/840/220-240V/B22/BX	10,5	77	1100	15000	4000	80	B22	F	1/15
93120099	93120123	LED10.5/STIK/840/220-240V/E27/BX	10,5	77	1100	15000	4000	80	E27	F	1/15
93120098	93120122	LED10.5/STIK/865/220-240V/B22/BX	10,5	77	1100	15000	6500	80	B22	F	1/15
93120096	93120120	LED10.5/STIK/865/220-240V/E27/BX	10,5	77	1100	15000	6500	80	E27	F	1/15
93120103	93120127	LED14/STIK/830/220-240V/B22/BX	14	100	1521	15000	3000	80	B22	F	1/15
93120101	93120125	LED14/STIK/830/220-240V/E27/BX	14	100	1521	15000	3000	80	E27	F	1/15
93120106	93120130	LED14/STIK/840/220-240V/B22/BX	14	104	1600	15000	4000	80	B22	E	1/15
93120105	93120129	LED14/STIK/840/220-240V/E27/BX	14	104	1600	15000	4000	80	E27	E	1/15
93120104	93120128	LED14/STIK/865/220-240V/B22/BX	14	104	1600	15000	6500	80	B22	E	1/15
93120102	93120126	LED14/STIK/865/220-240V/E27/BX	14	104	1600	15000	6500	80	E27	E	1/15
-	93121792	LED5.5/STIK/830/220-240V/E27/BX SATU	5,5	40	470	15000	3000	80	E27	F	1/15
-	93121793	LED5.5/STIK/865/220-240V/E27/BX SATU	5,5	42	500	15000	6500	80	E27	F	1/15
-	93121794	LED8.5/STIK/830/220-240V/E27/BX SATU	8,5	60	806	15000	3000	80	E27	F	1/15
-	93121795	LED8.5/STIK/865/220-240V/E27/BX SATU	8,5	63	850	15000	6500	80	E27	F	1/15
-	93121796	LED10.5/STIK/830/220-240V/E27/BX SATU	10,5	75	1055	15000	3000	80	E27	F	1/15
-	93121797	LED10.5/STIK/865/220-240V/E27/BX SATU	10,5	77	1100	15000	6500	80	B22	F	1/15
-	93121798	LED14/STIK/830/220-240V/E27/BX SATU	14	100	1521	15000	3000	80	E27	F	1/15
-	93121799	LED14/STIK/865/220-240V/E27/BX SATU	14	104	1600	15000	6500	80	E27	E	1/15
<b>Double pack</b>											
93120143	-	LED10.5/STIK/830/220-240V/E27/F 2/10	10,5	75	1055	15000	3000	80	E27	F	2/10
93120144	-	LED10.5/STIK/840/220-240V/E27/F 2/10	10,5	77	1100	15000	4000	80	E27	F	2/10
93120145	-	LED10.5/STIK/865/220-240V/E27/F 2/10	10,5	77	1100	15000	6500	80	E27	F	2/10
93120146	-	LED14/STIK/830/220-240V/E27/F 2/10	14	100	1521	15000	3000	80	E27	F	2/10
93120147	-	LED14/STIK/840/220-240V/E27/F 2/10	14	104	1600	15000	4000	80	E27	E	2/10
93120148	-	LED14/STIK/865/220-240V/E27/F 2/10	14	104	1600	15000	6500	80	E27	E	2/10
<b>Triple pack</b>											
93120131	-	LED 5.5/STIK/830/220-240V/E27/F 3/15	5,5	40	470	15000	3000	80	E27	F	3/15
93120132	-	LED 5.5/STIK/840/220-240V/E27/F 3/15	5,5	42	500	15000	4000	80	E27	F	3/15
93120133	-	LED 5.5/STIK/865/220-240V/E27/F 3/15	5,5	42	500	15000	6500	80	E27	F	3/15
93120139	-	LED 8.5/STIK/830/220-240/B22/F 3/15	8,5	60	806	15000	3000	80	B22	F	3/15
93120137	-	LED 8.5/STIK/830/220-240/E27/F 3/15	8,5	60	806	15000	3000	80	E27	F	3/15
93120138	-	LED 8.5/STIK/840/220-240/E27/F 3/15	8,5	63	850	15000	4000	80	E27	F	3/15
93120140	-	LED 8.5/STIK/865/220-240V/E27/F 3/15	8,5	63	850	15000	6500	80	E27	F	3/15

# Energy efficiency class (A-G)\*



## Common attributes

- Voltage 220-240V 50/60Hz
- CRI 80
- Life Time 15000 Hours L70
- Switching cycles 30 000
- Warm up time: Instant on
- Power factor: 0.5 and 0.7
- Ambient temperature range -10° C to +40°C.
- Color consistency < 6 SDCM

## Operation and maintenance

- Store and use the lamps the same way as traditional lamps.
- Check your fixtures are properly wired and don't deliver voltage spike to lamps causing overheating/failure.
- Ambient temperature range -10° C to 40°C
- Lamps should be kept free from contamination.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- Ensure lamp is cool before removing.
- Switch off mains supply before installing/removing lamp.
- Non-dimmable
- Not for use in totally enclosed recessed fixtures

## Recommended operation temperature



<b>5.5W</b>	Tc - 64,2
<b>8.5W</b>	Tc - 74,8
<b>10.5W</b>	Tc - 62,7
<b>14W</b>	Tc - 84

## Packaging images



SINGLE PACK

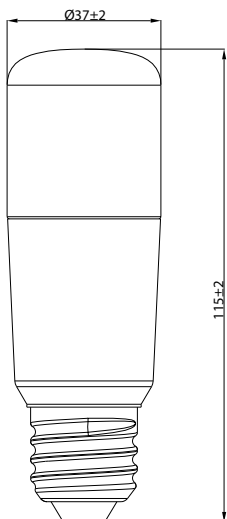


DOUBLE PACK

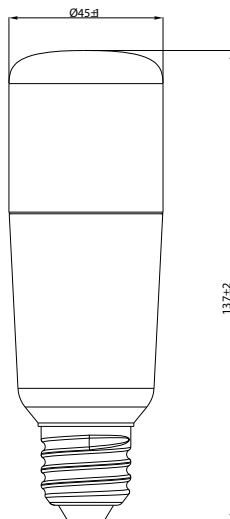


TRIPLE PACK

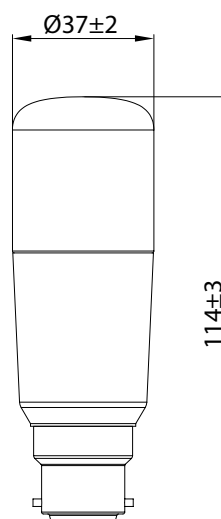
## Dimensions (mm)



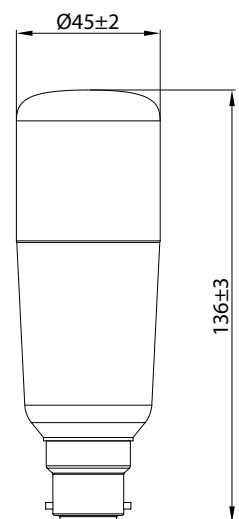
5,5W/8,5W - E27



10,5W/14W - E27

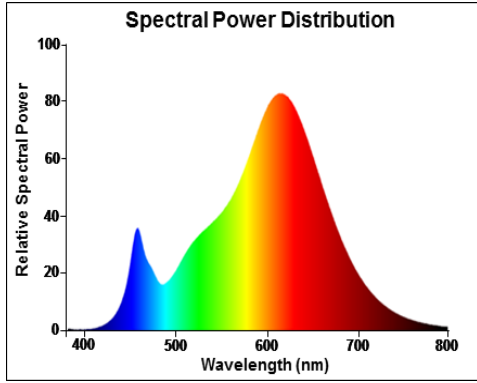


5,5W/8,5W - B22

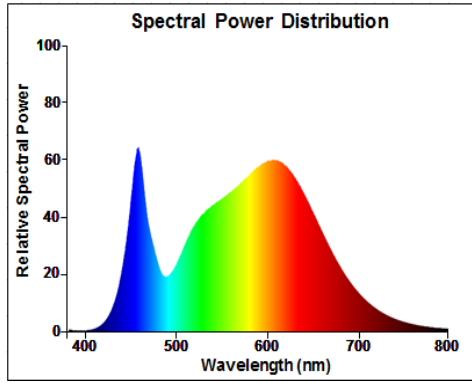


10,5W/14W - B22

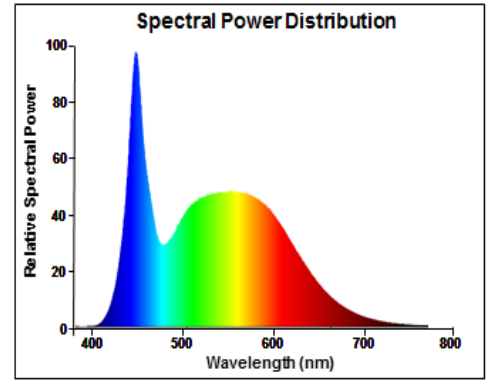
# Spectral distributions



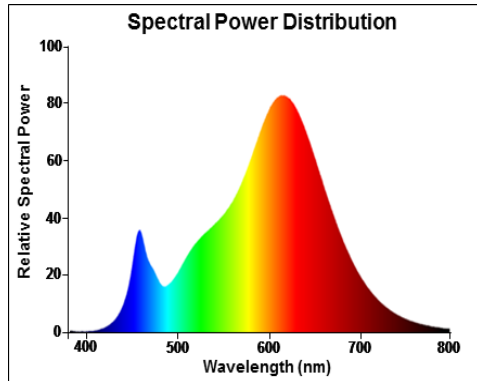
STICK 5.5W 3000K



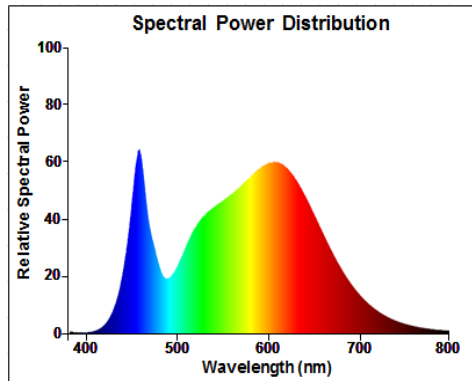
STICK 5.5W 4000K



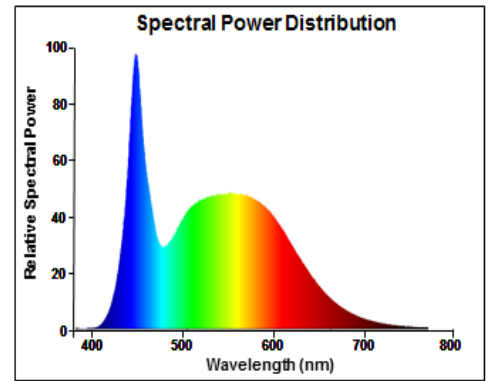
STICK 5.5W 6500K



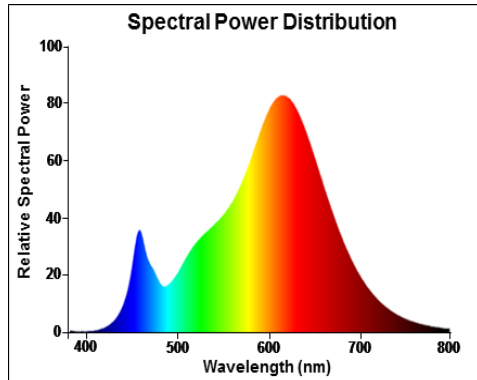
STICK 8.5W 3000K



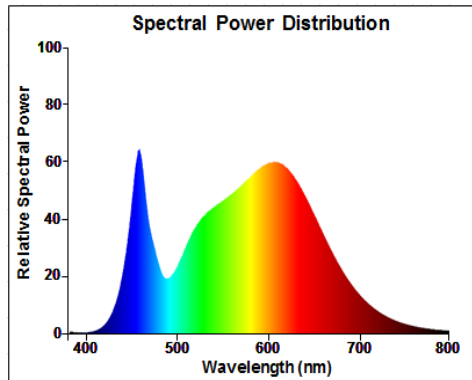
STICK 8.5W 4000K



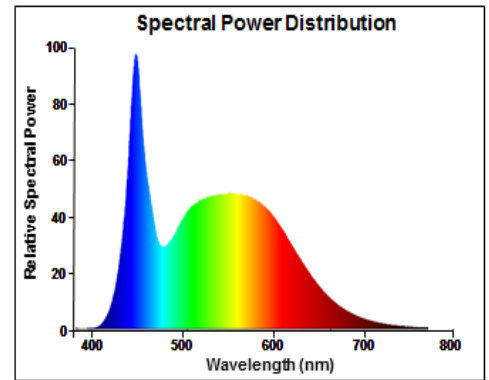
STICK 8.5W 6500K



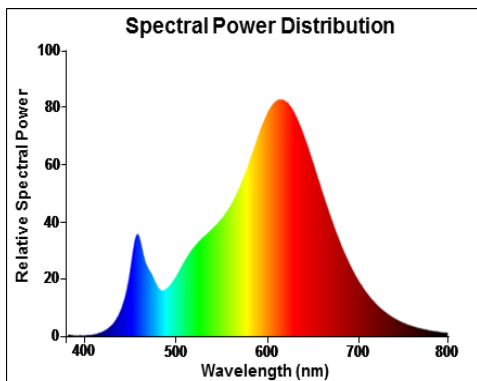
STICK 10.5W 3000K



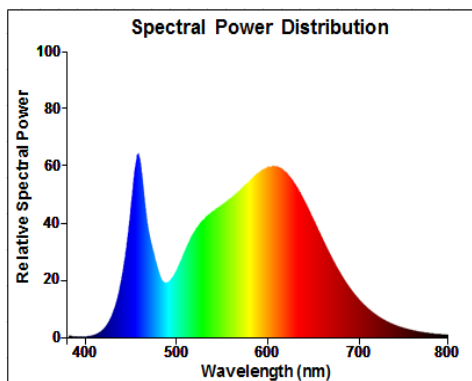
STICK 10.5W 4000K



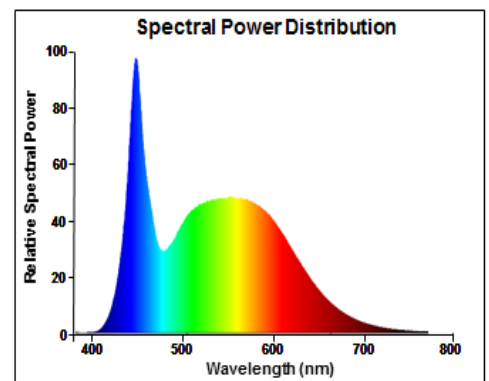
STICK 10.5W 6500K



STICK 14W 3000K



STICK 14W 4000K



STICK 14W 6500K

All values 180-400nm are 0