

# LED Energy Smart™ Pygmy



DATA SHEET

## Product information

A new product line in the Tungsram portfolio to suit Special Purpose usage in confined spaces, cabinets and fridge lighting.

## Features & benefits

- A++ Energy Efficiency Class
- Up to 150 lumens from only 1.6W
- Daylight colour 6500K
- Warm light 2700K
- 15000 hours life L70
- 100% retro-fit
- Warranty: 2 years with maximum 8 000 burning hours according to the Tungsram Standard Warranty conditions

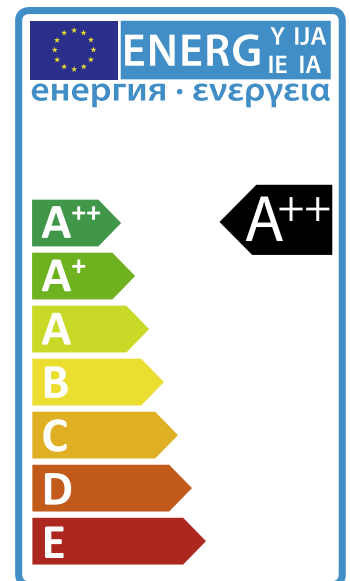
## Application areas



Hospitality



Home



## IEC 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 $\leq 16$ A) |
| 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  |
| EN 62560:     | Self-ballasted lamps for general lighting services by voltage $> 50$ V - safety specification                      |
| EN 62493:     | Assessment of lighting equipment related to human exposure to electromagnetic fields                               |

## Specification summary

Product Code	Product Description	Nominal/ Rated Power (W)	Nominal Lamp Voltage (V)	Cap/ Base	Nominal/ Rated Lumens	Nominal/ Rated Life (L70/B50 hours)	CCT (K)	CRI	Rated efficacy (lm/w)	WEC (kwh/ 1000h)	EEC	Pack Qty
93110792	LED1.6/T25/827/100-240V/E14/F TU 2/10	1.6	100-240	E14	140	15 000	2700	80	87.5	1.6	A++	2/10
93110795	LED1.6/T25/865/100-240V/E14/F BL 1/10 TU	1.6	100-240	E14	150	15 000	6500	80	93.75	1.6	A++	1/10

## Common attributes

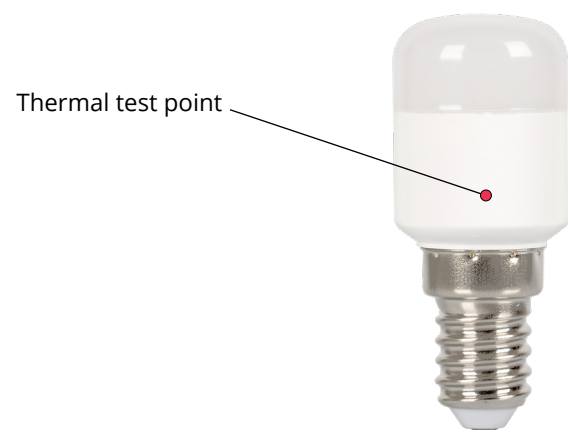
- Colour Rendering Index > 80
- Input Voltage 100-240V
- Warm up time: Instant on
- Switching Cycles: 15,000
- Power factor: >0.4
- Ambient temperature range -20° C to +40°C.
- Line Freq: 50/60Hz
- Color consistency < 6 SDCM

## Operation and maintenance

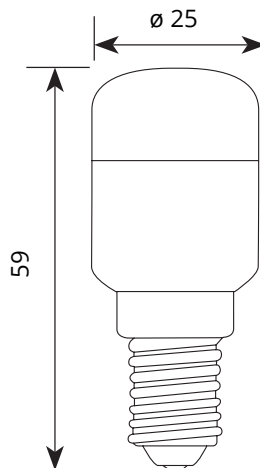
- Store and use the lamps the same way as traditional lamps.
- Check your fixtures are properly wired and don't deliver voltage spike to lamps causing overheating/failure.
- Ambient temperature range -20° C to 40°C
- Lamps should be kept free from contamination.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- Ensure lamp is cool before removing.
- Switch off mains supply before installing/removing lamp.
- Not for use in totally enclosed recessed fixtures.

## Recommended operation temperature

Max application Temperature: 50°C



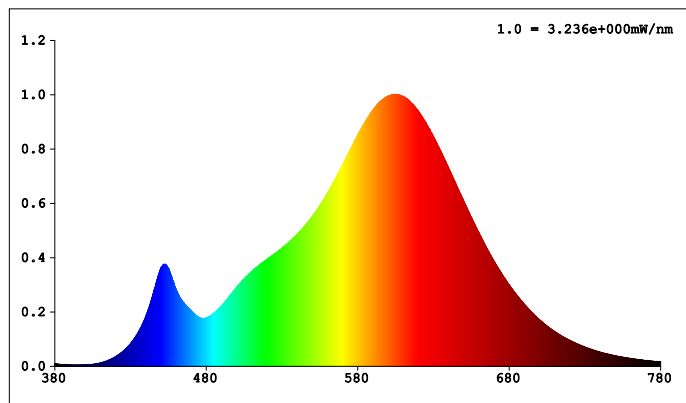
## Dimensions (mm)



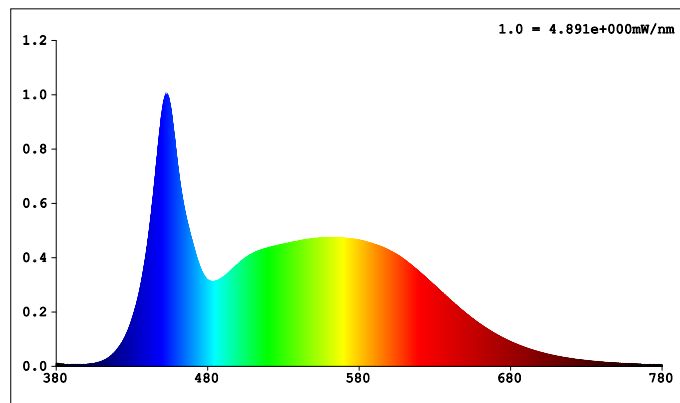
## Packaging image



# Spectral distributions



2700K



6500K

All values from 180-400nm are 0