

LED Pygmy



DATA SHEET

Product information

A product line to suit special purpose applications in confined spaces, cabinets and fridge lighting, a great replacement for traditional alternatives of lower energy efficiency. The employment of traditional Pygmy lamps – except for the oven Pygmy -, according to official regulation, is to be banned in the EU, UK and Turkey from the 1st of September 2021. We are extending our range with a higher lumen output version to support the transition from traditional to LED lamps, keeping the price the closest possible to the original level.

Features & benefits

- A++ Energy Efficiency Class
- Up to 140 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

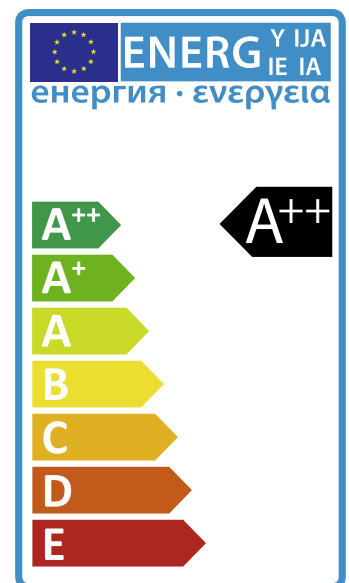
Application areas



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 ≤ 16 A)
- EN 61000-3-2: Limits - Limits for harmonic current emissions (equipment input ≤ 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 Code Direct Shipment	Product Description	Nominal Rated Power (W)	Nominal Lamp Voltage (V)	Nominal Rated Life (L70/B50 hours)	Nominal Rated Lumens (lm)	Rated efficacy (lm/w)	Cap/Base	CCT (K)	CRI	Lenght (mm)	Diameter (mm)	Pack Qty
93119700	93119716	LED1.6/T25/827/100-240V/E14/F 2/20 HB	1.6	100-240	15 000	140	88	E14	2700	80	59	25	2/20
93119703	93119719	LED1.6/T25/865/100-240V/E14/F 1/10	1.6	100-240	15 000	150	94	E14	6500	80	59	25	1/10
93119699	93119705	LED1.6/T25/865/100-240V/E14/F OEM	1.6	100-240	15 000	150	94	E14	6500	80	59	25	200
93119702	93119718	LED2.1/T25/827/100-240V/E14/F 2/20 HB	2.1	100-240	15 000	190	90	E14	2700	80	59	25	2/20
93119701	93119717	LED2.1/T25/865/100-240V/E14/F 1/10	2.1	100-240	15 000	200	95	E14	6500	80	59	25	1/10
93119704	93119720	LED2.1/T25/865/100-240V/E14/F OEM	2.1	100-240	15 000	200	95	E14	6500	80	59	25	200

Common attributes

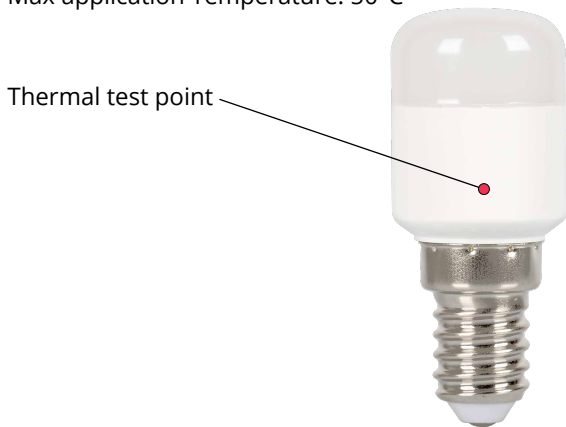
- Colour Rendering Index > 80
- Input Voltage 100-240V
- Warm up time: Instant on
- Switching Cycles: 50000
- Power factor: >0.4
- Ambient temperature range -20° C to +40°C.
- Line Freq: 50/60Hz
- Color consistency < 6 SDCM

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

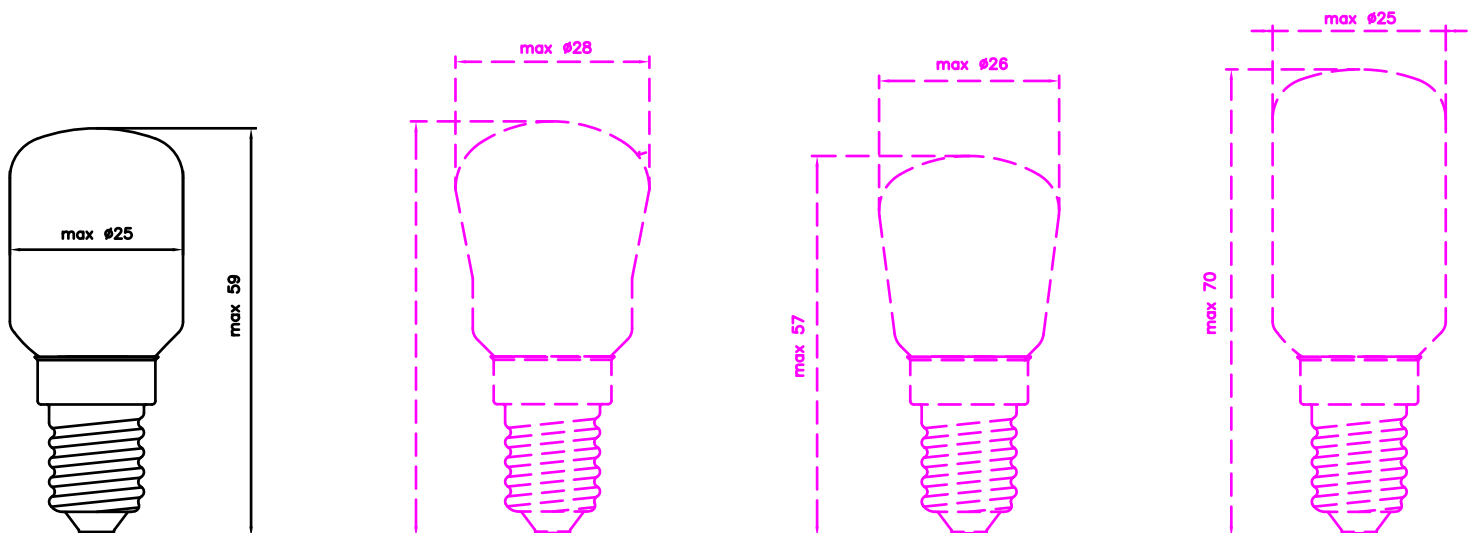


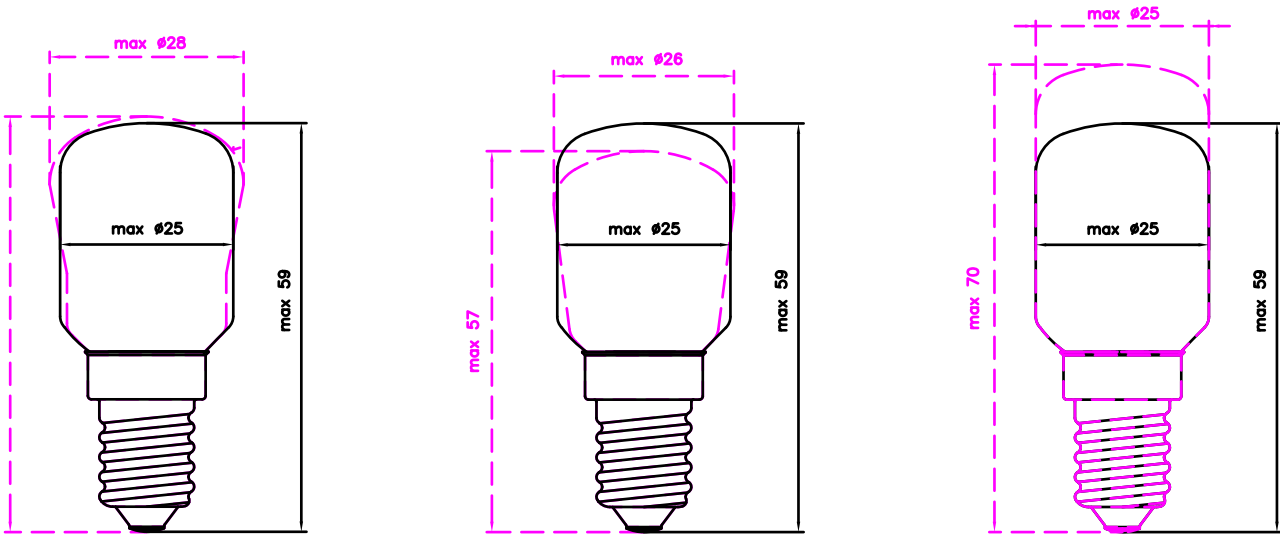
Packaging image



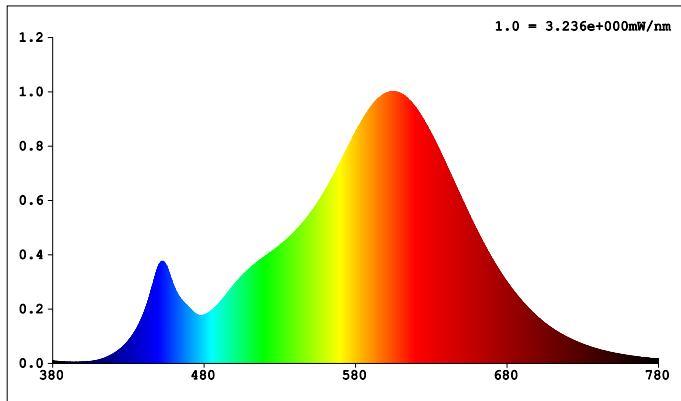
Dimensions (mm)

Below, a size comparison between traditional S28, S26 and T25 Pygmy shapes and the LED T25 shape is shown, the former illustrated in pink, the latter with black outline. It is visible, that the LED version represents a 100% retrofit replacement for the traditional T25 lamp, but it also shares close similarity with the S28 and S26 types, where, in case of substitution, fixture compatibility requires testing prior to placing bulk orders.

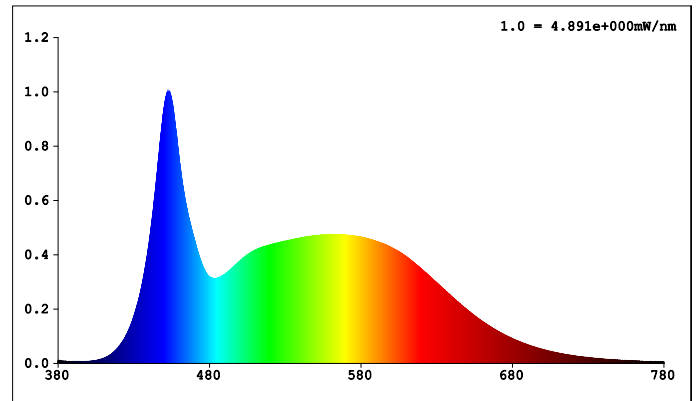




Spectral distributions



2700K



6500K

All values from 180-400nm are 0