



DATA SHEET

LED Retrofit 4.2W P45



Product Overview

LED retrofit lamps are direct replacements for conventional incandescent, halogen, and compact fluorescent (CFL) lamps.

LEDs deliver higher lumens per watt (lm/W) which means significant energy savings while lasting more than ten times longer

than incandescent sources. With their directional light, instant on and ability to dim, LEDs are fast becoming the light source of choice.

Features

- Light even distribution.
- More eco-valued.
- Wider beam angle.

Safety and Maintenance

- Switch off supply before installing or removing lamp.
- Allow to cool before handling.
- Do not use in totally enclosed fittings as this will reduce lamp life.
- Do not dispose of in household waste.
- Dispose of in appropriate section of local civic amenity site or recycling centre.

Specifications – P45 Cap

SKU	S8839	S8841	S13570	S8838
Lamp Cap	E27	E14	B15	B22
Rated Power (W)	4.2	4.2	4.2	4.2
Equivalent Wattage (W)	40	40	40	40
Rated Luminous Flux (lm)	470	470	470	470
Rated luminous flux in a 90° (lm)	NA	NA	NA	NA
CCT (K)	2700	2700	2700	2700
Beam Angle	180°	180°	180°	180°
Dimmable	NO	NO	NO	NO
Rated Lifetime (h)	15000	15000	15000	15000
Switching Cycles	>40000	>40000	>40000	>40000
Input Voltage	220- 240V~50/60Hz	220- 240V~50/60Hz	220- 240V~50/60Hz	220- 240V~50/60Hz
Current (mA)	35	35	35	35
Mercury Free	YES	YES	YES	YES
CRI	80	80	80	80
SDCM	6	6	6	6
Dimenesion (D*H)mm	45*80	45*82	45*80	45*78
Product Weight (g)	17	15	18	19
Power Factor	0.4	0.4	0.4	0.4
Rated Peak Candelas (cd)	NA	NA	NA	NA
Starting Time (S)	<0.5	<0.5	<0.5	<0.5
Warm-up time to 60% (S)	<1	<1	<1	<1
Instant light	YES	YES	YES	YES
Ambient Temperature Range (° C)	(-20°C~40°C)	(-20°C~40°C)	(-20°C~40°C)	(-20°C~40°C)
Energy Label				
Energy Class	E	E	E	E
Energy Consumption (kWh/ 1000h)	4.2	4.2	4.2	4.2

* The kWh/ 1000h value published on the energy label is required to be rounded up to an integer according to the EU implementing directive on Energy Labelling.

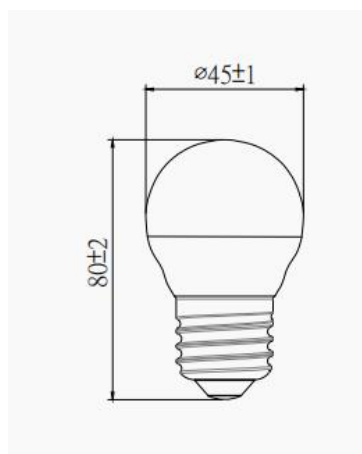
The value to 2 decimal places is given for reference.

Product Markings – P45 Cap

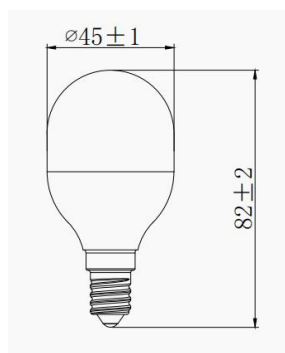
Voltage	220- 240V~50/60Hz	220- 240V~50/60Hz	220- 240V~50/60Hz	220- 240V~50/60Hz
Nominal Power (W)	4.2	4.2	4.2	4.2
Current (mA)	35	35	35	35
CE Mark	Yes	Yes	Yes	Yes
WEEE Mark	Yes	Yes	Yes	Yes
Batch Code	Yes	Yes	Yes	Yes

Dimensions

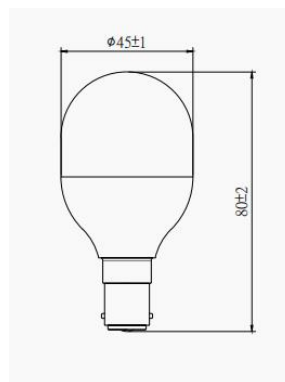
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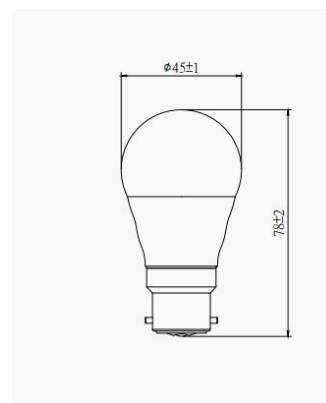
S8839



S8841



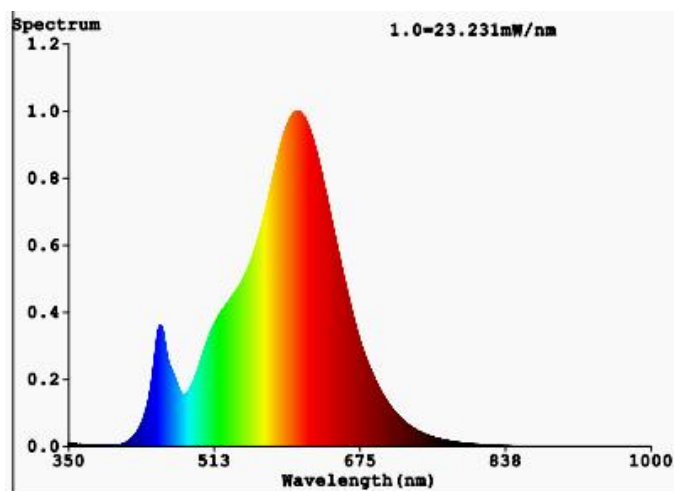
S13570



S8838

Photometric Information

2700K



The product fulfils the requirements of:

BS EN 62560:2012+A1:2015+A11:2019

EN IEC55015: 2019+A11: 2020/BS EN IEC 55015: 2019+A11: 2020

EN 61547: 2009/BS EN 61547: 2009

EN IEC 61000-3-2: 2019+A1: 2021/BS EN IEC 61000-3-2: 2019+A1: 2021

EN 61000-3-3:2013+A1: 2019+A2: 2021/BS EN 61000-3-3: 2013+A2: 2021