

Panasonic

Panasonic



BRING BEAUTIFUL
LIGHT HOME 2014

LED

Panasonic Marketing Europe GmbH.

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www.panasonic.eu/LED

natural light

THE NATURAL EVOLUTION OF LIGHT

The Panasonic LED light bulb range represents the pinnacle of modern lighting, both in terms of performance and design. It offers all the advantages of cutting-edge technology, without compromising on style and a warm-light feel.

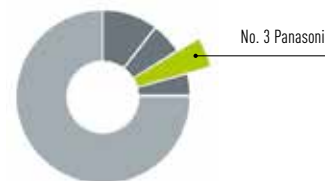
Our Modern Classic bulb creates an evocative atmosphere with its traditional, beautiful design. New, unique **Centre Mount Technology** enables the centre of the bulb to glow, similar to the filament core of incandescent light bulbs – but with up to 84% efficiency and instant warm, natural light for up to 40 years. > See how far lighting has come at: panasonic.eu/LED



THE PANASONIC LED DIFFERENCE

Panasonic has gained over 75 years of experience in lighting technology. Thanks to this expertise, we are now the world's third-largest lighting manufacturer and the number one provider of LED light bulbs in Japan.

Panasonic is No. 3, based on global sales value



MAKING A DIFFERENCE EUROPE-WIDE

Panasonic is doing its part in making the world – and your home – a better place to live. By making the switch to LED technology, we are providing eco-friendly, energy-saving light that is comfortable and features an attractive design.

WHAT TO LOOK FOR

When purchasing a Panasonic LED light bulb, here is what you should look for on the packaging:



WITH THE ENVIRONMENT IN MIND

SAVE UP TO
€20
PER LED BULB/
YEAR*

feel the quality of light

SAVE ENERGY – ADD COMFORT

Panasonic LED light bulbs not only lower your energy bills thanks to efficient LED technology – they also save you lots of money, as one bulb goes a long way. And you can enjoy the convenience of not having to regularly replace bulbs.

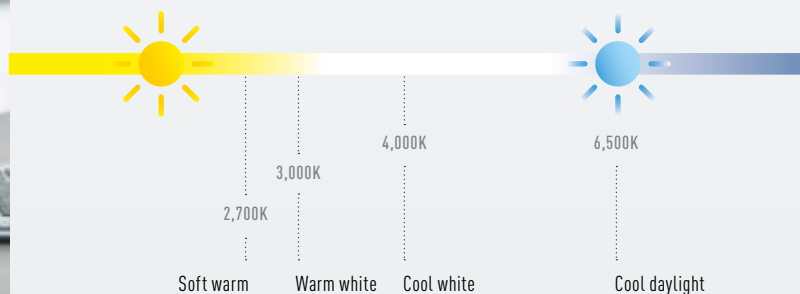
One Modern Classic bulb has a lifespan of up to an amazing 40,000 hours, and one incandescent bulb has a lifespan of a mere 1,000 hours. So why buy 40 incandescent bulbs when you only need one Panasonic LED bulb?



= 40
INCANDESCENT
BULBS

A TRUE WARM-LIGHT FEEL

All our LED light bulbs are designed to make you feel good. With a real warm-white tone, the light is perfectly warm and comfortable – as you know it from traditional bulbs. And because our LED bulbs do not require a warm-up phase, you have full lighting power the moment you switch on the lamp.



*Panasonic 10W LED light bulb, which is equivalent to 60W, offers an energy savings of 50W (when used 4.5 hours per day). This represents a savings of 225W/day. With electricity costs of €0.25/kWh, this comes to a savings of €20.53/year. Over a lifespan of 15,000 hours for LED, this would mean savings of over €180 in electricity costs during a single bulb's lifespan.

THE TRUE ESSENCE OF LIGHT

The Modern Classic from Panasonic has already received many awards for its outstanding design. It is the new, high-tech interpretation of the original light bulb – simply beautiful and now highly efficient too.

OUR AWARD-WINNING MODERN CLASSIC LED BULB



reddot design award
winner 2012



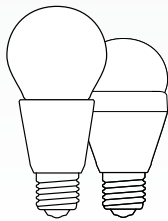
TECHNOLOGICAL EXCELLENCE
& OUTSTANDING DESIGN



... fit into your existing lighting instalments with no problem

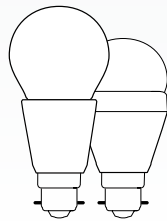
FOR STANDARD SOCKETS

When you switch to LED lighting, you shouldn't have to replace all your lamps. That's why Panasonic light bulbs fit all standard sockets. Large or small screw-in or bayonet sockets, high- or low-voltage halogen bulbs – we have just the light bulb you're looking for.



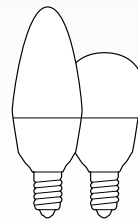
CLASSIC
E27

Large socket



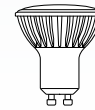
BAYONET
B22

Large socket



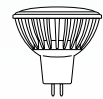
CANDLE / PING PONG
E14

Small socket



REFLECTOR
GU10

High-voltage 230V



REFLECTOR
GU5.3

Low-voltage 12V

AVAILABLE WATTAGE AND EQUIVALENT FOR INCANDESCENT



CLEAR TYPE

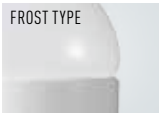
4.4W = 20W
6.4W = 40W
10W = 60W

10W = 60W

5W = 30W
5W = 30W, dimmable

4W = 35W
6W = 50W
6W = 50W, dimmable

4.4W = 20W
6W = 35W
7.5W = 45W



FROST TYPE

5W = 32W
8W = 48W
10W = 60W

5W = 32W
8W = 48W
10W = 60W

5W = 30W



... warm feeling. high energy savings

FIND JUST THE RIGHT LIGHT

From the kitchen to your bedroom, we have the perfect LED light bulb. To make finding it easier, we've provided you with an easy overview of recommended Panasonic LED light bulbs below.

KITCHEN

- GU5.3 reflector type
- E14 Ping Pong type



LIVING ROOM

- E27 60W Nostalgic Clear type
- GU10 reflector type



MASTER BEDROOM

- E14 Candle Nostalgic Clear dimmable type
- GU10 reflector type



BENEFITS OF OUR LED BULBS:

- ✓ Soft warm light (2,700 Kelvin)
- ✓ Same warm light as traditional incandescent bulbs
- ✓ No harmful chemicals such as mercury
- ✓ Can be switched on/off 100,000 times
- ✓ Full lighting power immediately
- ✓ Long lifespan of up to 40 years or up to 40,000 hours*
- ✓ Fewer UV/IR emissions – less bleaching of fabrics and less attraction of insects

*Lifespan differs from product to product

COMPARISON:

See the difference LED makes for yourself

20W → 4.4W



Incandescent light bulb



Panasonic Nostalgic Clear LED bulb

HOME OFFICE

- GU10 reflector type
- E27 40W Nostalgic Clear type



CHILDREN'S BEDROOM

- E14 Candle & Ping Pong Nostalgic Clear type
- E27 50W Nostalgic Clear dimmable type



DINING ROOM

- E14 Candle frost type
- E27 classic frost type



BATHROOM

- GU10 reflector dimmable type
- E14 Candle Nostalgic Clear dimmable type



MODERN CLASSIC:
NOSTALGIC CLEAR TYPE

TRADITIONAL DESIGN – HIGH TECH

The award-winning, Modern Classic LED light bulb with a clear finish and Centre Mount Technology combines the nostalgic style of a traditional light bulb with today's energy-saving technology – for a comfortable, warm-like feel.

UP TO **84%**
ENERGY SAVINGS

NOSTALGIC CLEAR



Clear, traditional-style LED light bulb
delivers soft and bright, soft warm light

- Transparent design and Centre Mount Technology for a nice atmosphere
- Extra-wide illumination angle
- True soft warm light of an incandescent bulb (2,700 Kelvin)
- Energy savings of up to 84% with Class A+ energy efficiency
- Extra-long lifespan: up to 40,000 hours or 40 years*
- Also available with B22 socket: Bayonet mount style

*When used 2.7 hours per day **Based on an estimated daily use of 2.7 hours



	Model Number	Socket	Equivalent	Energy Efficiency	Energy Savings	Dimmable
1	LDAHV4L27CGP	E27	4.4W = 20W	Class A	78%	-
2	LDAHV6L27CG2EP	E27	6.4W = 40W	Class A+	84%	-
2	LDAHV10L27CGEP	E27	10W = 60W	Class A+	83%	-
3	LDAHV10L27CGBEP	B22	10W = 60W	Class A+	83%	-

MODERN CLASSIC:
CANDLE & PING PONG NOSTALGIC CLEAR TYPE

FLEXIBLE LIGHTING – REAL COMFORT

Two light bulb styles in the classic form that you've always known. The clear-type Candle and Ping Pong light bulbs for small sockets give you the brightness you need from virtually any lamp.

UP TO **83%**
ENERGY SAVINGS



CANDLE & PING PONG
NOSTALGIC CLEAR

CLASS A+

Dimmable LED light bulbs provide nice,
bright soft warm lighting atmosphere

- New dimmable bulbs for more flexibility
- Extra-wide illumination angle
- Transparent design and Centre Mount Technology for a nice atmosphere
- True soft warm light of an incandescent bulb (2,700 Kelvin)
- Energy savings of up to 83% with Class A+ energy efficiency
- Long lifespan: up to 15,000 hours or 15 years*

*When used 2.7 hours per day **Based on an estimated daily use of 2.7 hours



Model Number	Socket	Equivalent	Energy Efficiency	Energy Savings	Dimmable
1 LDAHV5L27CGE14DEP	E14	5W = 30W	Class A+	83%	✓
1 LDAHV5L27CGE14EP	E14	5W = 30W	Class A+	83%	-
2 LDGHV5L27CGE14DEP	E14	5W = 30W	Class A+	83%	✓
2 LDGHV5L27CGE14EP	E14	5W = 30W	Class A+	83%	-

FROST SERIES:
CLASSIC & CANDLE FROST TYPE

ATTRACTIVE DESIGN – SOFT LIGHTING

Our frost-type classic and Candle LED light bulbs provide a soft brightness with a warm-white feel that's ideal for creating a comfortable, relaxing atmosphere.

UP TO **84%**
ENERGY SAVINGS



Classic or Candle LED light bulb with frosted finish
for warm-white light in any room

- Opaque design for high-quality, soft lighting
- True warm-white light (3,000 Kelvin)
- Energy savings of up to 84% with Class A+ energy efficiency
- Long lifespan: up to 25,000 hours or 25 years*
- Also available with B22 socket: Bayonet mount style

*When used 2.7 hours per day **Based on an estimated daily use of 2.7 hours



	Model Number	Socket	Equivalent	Energy Efficiency	Energy Savings	Dimmable
1	LDAHV5L30H2EP	E27	5W = 32W	Class A+	84%	-
1	LDAHV8L30H2EP	E27	8W = 48W	Class A+	83%	-
1	LDAHV10L30H2EP	E27	10W = 60W	Class A+	83%	-
2	LDAHV5L30H2BEP	B22	5W = 32W	Class A+	84%	-
2	LDAHV8L30H2BEP	B22	8W = 48W	Class A+	83%	-
2	LDAHV10L30H2BEP	B22	10W = 60W	Class A+	83%	-
3	LDAHV5L27CFE14EP	E14	5W = 30W	Class A+	83%	-

HALOGEN SERIES:
GU10 REFLECTOR TYPE

ENERGY EFFICIENT – FULL LIGHTING

By replacing your current halogen reflector light bulbs in well-used spaces, such as the kitchen or living room, with our LED reflector-type bulbs for 220V to 240V connections, you can enjoy huge energy-saving potential.

UP TO **88%**
ENERGY SAVINGS



Energy-saving LED reflector light with GU10 connectors ideal for replacing traditional halogen spots

- New dimmable bulbs for more flexibility
- For 220V to 240V installations
- 100% lighting power immediately after switching on
- Real soft warm light of a halogen bulb (2,700 Kelvin)
- Energy savings of up to 88% with Class A+ energy efficiency
- Extra-long lifespan: up to 25,000 hours or 25 years*

*When used 2.7 hours per day **Based on an estimated daily use of 2.7 hours



	Model Number	Socket	Equivalent	Energy Efficiency	Energy Savings	Dimmable
1	LDRHV4L27WG103EP	GU10	4W = 35W	Class A+	88%	-
2	LDRHV7L27WG10DEP	GU10	6W = 50W	Class A+	88%	✓
3	LDRHV7L27WG10EP	GU10	6W = 50W	Class A+	88%	-

For a full dimmer compatibility list, please see www.panasonic.eu/LED

HALOGEN SERIES: GU5.3 REFLECTOR TYPE

FULL POWER – LONG-LASTING

Our 12V reflector-type LED light bulbs let you easily bring your home up to the latest energy-saving standards without having to replace the entire lamp or installation.

UP TO **83%**
ENERGY SAVINGS



Energy-saving LED reflector light with GU5.3 connectors ideal for replacing traditional halogen spots

- For 12V installations
- 100% lighting power immediately after switching on
- Real soft warm light of a halogen bulb (2,700 Kelvin)
- Energy savings of up to 83% with Class A+ energy efficiency
- Extra-long lifespan: up to 25,000 hours or 25 years*
- Compact MR16 size





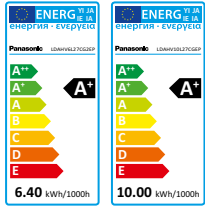
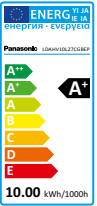
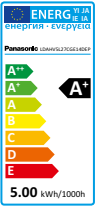
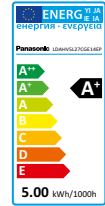
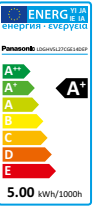
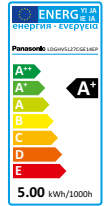
*When used 2.7 hours per day **Based on an estimated daily use of 2.7 hours










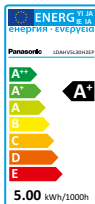
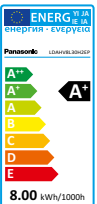
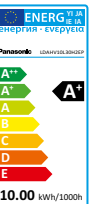
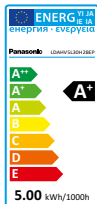
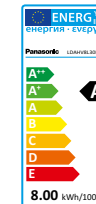
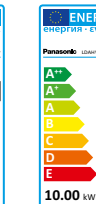
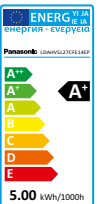
	Model Number	Socket	Equivalent	Energy Efficiency	Energy Savings	Dimmable
1	LDR12V4L27WG5EP	GU5.3	4.4W = 20W	Class A	78%	-
2	LDR12V6L27WG5EP	GU5.3	6W = 35W	Class A+	82%	-
3	LDR12V10L27WG5EP	GU5.3	7.5W = 45W	Class A+	83%	-

For a 12V transformer compatibility list, please see www.panasonic.eu/LED

MODERN CLASSIC LED BULB

	CLEAR CLASSIC				CLEAR CANDLE		CLEAR PING PONG	
								
Model Number	LDAHV4L27CGP	LDAHV6L27CG2EP	LDAHV10L27CGEP	LDAHV10L27CGEP	LDAHV5L27CGE14DEP	LDAHV5L27CGE14EP	LDGHV5L27CGE14DEP	LDGHV5L27CGE14EP
Wattage equivalent compared to incandescent or halogen	20W	40W	60W	60W	30W	30W	30W	30W
Energy savings compared to incandescent or halogen	78%	84%	83%	83%	83%	83%	83%	83%
EU Label energy rating	A	A+	A+	A+	A+	A+	A+	A+
Colour type	soft warm	soft warm	soft warm	soft warm	soft warm	soft warm	soft warm	soft warm
Colour temperature	2,700K	2,700K	2,700K	2,700K	2,700K	2,700K	2,700K	2,700K
Bulb dimension: diameter / length	55 x 101mm	60 x 126mm	60 x 126mm	60 x 126mm	39 x 110mm	39 x 110mm	45 x 90mm	45 x 90mm
Base socket type	E27	E27	E27	B22	E14	E14	E14	E14
Input voltage	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
Nominal and rated lamp wattage consumption	4.4W	6.4W	10.0W	10.0W	5.0W	5.0W	5.0W	5.0W
Nominal and rated lamp luminous flux	210lm	470lm	806lm	806lm	330lm	330lm	330lm	330lm
Efficiency	47lm/W	73lm/W	80lm/W	80lm/W	66lm/W	66lm/W	66lm/W	66lm/W
Light angle	Xtra Wide	Xtra Wide	Xtra Wide	Xtra Wide	Xtra Wide	Xtra Wide	Xtra Wide	Xtra Wide
Nominal and rated lamp lifetime	40,000h	25,000h	25,000h	25,000h	15,000h	15,000h	15,000h	15,000h
Long life up to ... (calculated at usage of 2.7 hours/day)	40 years	25 years	25 years	25 years	15 years	15 years	15 years	15 years
Lamp power factor	0.55	0.62	0.54	0.54	0.8	0.6	0.8	0.6
Lumens maintenance factor at the end of nominal life	70%	70%	70%	70%	70%	70%	70%	70%
Lamp mercury content	0mg	0mg	0mg	0mg	0mg	0mg	0mg	0mg
Time to reach 60% of light output	Instant full light	Instant full light	Instant full light	Instant full light	Instant full light	Instant full light	Instant full light	Instant full light
Number of switching cycles before premature lamp failure	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dimmable	-	-	-	-	✓	-	✓	-
Individual EAN code	5025232699483	5025232755714	5025232745739	5025232758401	5025232767373	5025232767380	5025232767427	5025232767434
Energy label	  				 		 	

FROST LED BULB

	FROST CLASSIC						FROST CANDLE
							
Model Number	LDAHVS5L30H2EP	LDAHV8L30H2EP	LDAHVT0L30H2EP	LDAHVS5L30H2BEP	LDAHV8L30H2BEP	LDAHVT0L30H2BEP	LDAHVS5L27CFE14EP
Wattage equivalent compared to incandescent or halogen	32W	48W	60W	32W	48W	60W	30W
Energy savings compared to incandescent or halogen	84%	83%	83%	84%	83%	83%	83%
EU Label energy rating	A+	A+	A+	A+	A+	A+	A+
Colour type	warm white	warm white	warm white	warm white	warm white	warm white	soft warm
Colour temperature	3,000K	3,000K	3,000K	3,000K	3,000K	3,000K	2,700K
Bulb dimension: diameter / length	55 x 108mm	55 x 108mm	55 x 108mm	55 x 108mm	55 x 108mm	55 x 108mm	35 x 113mm
Base socket type	E27	E27	E27	B22	B22	B22	E14
Input voltage	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V	220-240V
Nominal and rated lamp wattage consumption	5.0W	8.0W	10.0W	5.0W	8.0W	10.0W	5.0W
Nominal and rated lamp luminous flux	350lm	600lm	806lm	350lm	600lm	806lm	323lm
Efficiency	70lm/W	75lm/W	80lm/W	70lm/W	75lm/W	80lm/W	64lm/W
Light angle	120°	120°	120°	120°	120°	120°	180°
Nominal and rated lamp lifetime	25,000h	25,000h	15,000h	25,000h	25,000h	15,000h	15,000h
Long life up to ... (calculated at usage of 2.7 hours/day)	25 years	25 years	15 years	25 years	25 years	15 years	15 years
Lamp power factor	0.59	0.60	0.64	0.59	0.60	0.64	0.60
Lumens maintenance factor at the end of nominal life	70%	70%	70%	70%	70%	70%	70%
Lamp mercury content	0mg	0mg	0mg	0mg	0mg	0mg	0mg
Time to reach 60% of light output	Instant full light	Instant full light	Instant full light	Instant full light	Instant full light	Instant full light	Instant full light
Number of switching cycles before premature lamp failure	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dimmable	-	-	-	-	-	-	-
Individual EAN code	5025232787739	5025232787753	5025232787715	5025232787722	5025232787746	5025232787708	5025232755691
Energy label							

HALOGEN LED BULB

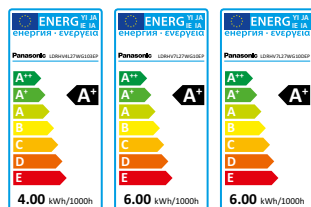
GU10 REFLECTOR

GU5.3 REFLECTOR



Model Number	LDRHV4L27WG103EP	LDRHV7L27WG10EP	LDRHV7L27WG10DEP	Model Number	LDR12V4L27WG5EP	LDR12V6L27WG5EP	LDR12V10L27WG5EP
Wattage equivalent compared to incandescent or halogen	35W	50W	50W	Wattage equivalent compared to incandescent or halogen	20W	35W	45W
Energy savings compared to incandescent or halogen	88%	88%	88%	Energy savings compared to incandescent or halogen	78%	82%	83%
EU Label energy rating	A+	A+	A+	EU Label energy rating	A	A+	A+
Colour type	soft warm	soft warm	soft warm	Colour type	soft warm	soft warm	soft warm
Colour temperature	2,700K	2,700K	2,700K	Colour temperature	2,700K	2,700K	2,700K
Bulb dimension: diameter / length	50 x 53mm	50 x 53mm	50 x 53mm	Bulb dimension: diameter / length	50 x 49mm	50 x 48mm	50 x 49mm
Base socket type	GU10	GU10	GU10	Base socket type	GU5.3	GU5.3	GU5.3
Input voltage	220-240V	220-240V	220-240V	Input voltage	12V	12V	12V
Nominal and rated lamp wattage consumption	4.0W	6.0W	6.0W	Nominal and rated lamp wattage consumption	4.4W	6.0W	7.5W
Nominal and rated lamp luminous flux	230lm	355lm	355lm	Nominal and rated lamp luminous flux	210lm	350lm	540lm
Efficiency	57lm/W	59lm/W	59lm/W	Efficiency	47lm/W	58lm/W	72lm/W
Luminous intensity at 36° angle	450cd	880cd	880cd	Luminous intensity at 36° angle	520cd	880cd	1,640cd
Light angle	36°	36°	36°	Light angle	36°	36°	36°
Nominal and rated lamp lifetime	10,000h	25,000h	25,000h	Nominal and rated lamp lifetime	25,000h	25,000h	25,000h
Long life up to ... (calculated at usage of 2.7 hours/day)	10 years	25 years	25 years	Long life up to ... (calculated at usage of 2.7 hours/day)	25 years	25 years	25 years
Lamp power factor	0.62	0.5	0.5	Lamp power factor	0.5	0.5	0.7
Lumens maintenance factor at the end of nominal life	70%	70%	70%	Lumens maintenance factor at the end of nominal life	70%	70%	70%
Lamp mercury content	0mg	0mg	0mg	Lamp mercury content	0mg	0mg	0mg
Time to reach 60% of light output	Instant full light	Instant full light	Instant full light	Time to reach 60% of light output	Instant full light	Instant full light	Instant full light
Number of switching cycles before premature lamp failure	100,000	100,000	100,000	Number of switching cycles before premature lamp failure	100,000	100,000	100,000
Dimmable	-	-	✓	Dimmable	-	-	-
Individual EAN code	5025232748983	5025232691401	5025232767748	Individual EAN code	5025232691524	5025232691647	5025232765355

Energy label



Energy label

