



Our most-efficient LED bulb

MASTER Ultra Efficient LED bulb

This is the most efficient LED bulb from Philips brand. 210lm/W helps to concrete the company statement of sustainability. 50000 hour lifetime helps to extend the replacement cycle to reduce the waste. This is not only a high SPEC product, but also keeps the light quality of Philips brand

Benefits

- energy-saving, 60% less energy compared with standard Philips LED bulbs
- Very long lifetime that reduces the need for replacement
- Easy replacement of conventional lamps

Features

- Ultra energy-efficient, with 210 lm/W
- Long lifetime, more than three times longer lifetime than normal LED products
- A well-optimised look and feel, without impact on the application. Easy installation
- Designed to be seen, they look good on and off
- Environmentally friendly: contains no mercury or other hazardous substances

Application

- Domestic application
- Hospitality: restaurants and hotels

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Versions



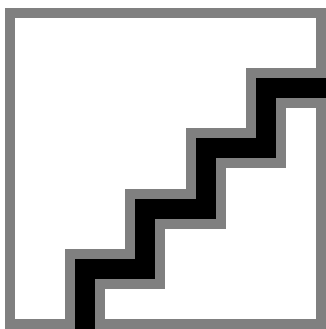
LED CLA 60W A60 E27 2700K CL
UE SRT4



LED CLA 60W A60 E27 3000K FR
UE SRT4



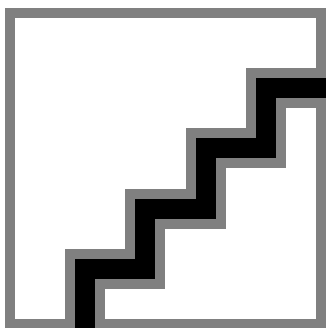
LED CLA 100W A60 E27 2700K CL
UE SRT4



LED CLA 40W A60 E27 2700K CL
UE SRT4 1



LEDbulb MAS EU6 A60 E27 CL



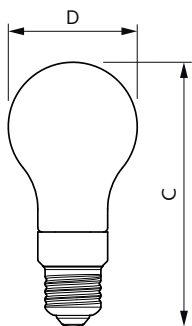
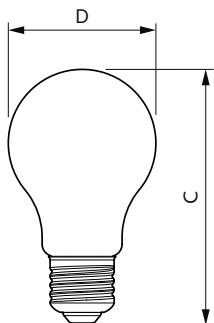
LED CLA 40W A60 E27 4000K CL
UE SRT4 1



LED CLA 100W A60 E27 4000K CL
UE SRT4

MASTER Ultra Efficient LED bulb

Dimensional drawing



Product	D	C
MAS LEDBulbND2.3-40W E27 830 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND4-60W E27 830 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND4-60W E27 830 A60 FR G UE	60 mm	104 mm
MAS LEDBulbND4-60W E27 840 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND4-60W E27 840 A60 FR G UE	60 mm	104 mm
MAS LEDBulbND5.2-75W E27 830 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND5.2-75W E27 840 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND7.3-100W E27 830 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND7.3-100W E27 830 A60 FR G UE	60 mm	104 mm
MAS LEDBulbND7.3-100W E27 840 A60 CL G UE	60 mm	104 mm
MAS LEDBulbND7.3-100W E27 840 A60 FR G UE	60 mm	104 mm

Product	D	C
MAS LEDBulb D 4-60W E27 830 A60 CL G UE	60 mm	123 mm

General Information

Cap base	E27
Nominal lifetime	50,000 h

Light Technical

Beam angle (nom.)	300 degree(s)
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical

Input frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting time (nom.)	0.5 s

Temperature

T-Case maximum (nom.)	70 °C
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Mechanical and Housing

Bulb shape	A60
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Approval and Application

Ambient temperature range	-20 to +45 °C
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General Information

Order Code	Full Product Name	Switching Cycle
18853200	MAS LEDBulbND4-60W E27 840 A60 CL G UE	500,000
18869300	MAS LEDBulbND5.2-75W E27 840 A60 CL G UE	500,000
25412100	MAS LEDBulbND4-60W E27 830 A60 CL G UE	500,000
25420600	MAS LEDBulbND5.2-75W E27 830 A60 CL G UE	500,000
28428900	MAS LEDBulbND4-60W E27 840 A60 FR G UE	500,000
18889100	MAS LEDBulbND7.3-100W E27 840 A60 FR G UE	500,000
25416900	MAS LEDBulbND4-60W E27 830 A60 FR G UE	500,000
25432900	MAS LEDBulbND7.3-100W E27 830 A60 FR G UE	500,000
25428200	MAS LEDBulbND7.3-100W E27 830 A60 CL G UE	500,000
25404600	MAS LEDBulbND2.3-40W E27 830 A60 CL G UE	500,000
24868700	MAS LEDBulb D 4-60W E27 830 A60 CL G UE	50,000
18837200	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	500,000
18885300	MAS LEDBulbND7.3-100W E27 840 A60 CL G UE	500,000

Light Technical

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Order Code	Full Product Name	Correlated Colour	Colour Code	Luminous Flux
		Temperature (Nom)		
18853200	MAS LEDBulbND4-60W E27 840 A60 CL G UE	4000 K	840	840 lm
18869300	MAS LEDBulbND5.2-75W E27 840 A60 CL G UE	4000 K	840	1,095 lm
25412100	MAS LEDBulbND4-60W E27 830 A60 CL G UE	3000 K	830	840 lm
25420600	MAS LEDBulbND5.2-75W E27 830 A60 CL G UE	3000 K	830	1,095 lm
28428900	MAS LEDBulbND4-60W E27 840 A60 FR G UE	4000 K	840	840 lm
18889100	MAS LEDBulbND7.3-100W E27 840 A60 FR GUE	4000 K	840	1,535 lm
25416900	MAS LEDBulbND4-60W E27 830 A60 FR G UE	3000 K	830	840 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Wattage equivalent
18853200	MAS LEDBulbND4-60W E27 840 A60 CL G UE	4 W	60 W
18869300	MAS LEDBulbND5.2-75W E27 840 A60 CL G UE	5.2 W	75 W
25412100	MAS LEDBulbND4-60W E27 830 A60 CL G UE	4 W	60 W
25420600	MAS LEDBulbND5.2-75W E27 830 A60 CL G UE	5.2 W	75 W
28428900	MAS LEDBulbND4-60W E27 840 A60 FR G UE	4 W	60 W
18889100	MAS LEDBulbND7.3-100W E27 840 A60 FR GUE	7.3 W	100 W
25416900	MAS LEDBulbND4-60W E27 830 A60 FR G UE	4 W	60 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
18853200	MAS LEDBulbND4-60W E27 840 A60 CL G UE	No
18869300	MAS LEDBulbND5.2-75W E27 840 A60 CL G UE	No
25412100	MAS LEDBulbND4-60W E27 830 A60 CL G UE	No
25420600	MAS LEDBulbND5.2-75W E27 830 A60 CL G UE	No
28428900	MAS LEDBulbND4-60W E27 840 A60 FR G UE	No
18889100	MAS LEDBulbND7.3-100W E27 840 A60 FR GUE	No
25416900	MAS LEDBulbND4-60W E27 830 A60 FR G UE	No

Mechanical and Housing

Order Code	Full Product Name	Correlated Colour	Colour Code	Luminous Flux
		Temperature (Nom)		
25432900	MAS LEDBulbND7.3-100W E27 830 A60 FR GUE	3000 K	830	1,535 lm
25428200	MAS LEDBulbND7.3-100W E27 830 A60 CL GUE	3000 K	830	1,535 lm
25404600	MAS LEDBulbND2.3-40W E27 830 A60 CL G UE	3000 K	830	485 lm
24868700	MAS LEDBulb D 4-60W E27 830 A60 CL G UE	3000 K	830	840 lm
18837200	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	4000 K	840	485 lm
18885300	MAS LEDBulbND7.3-100W E27 840 A60 CL GUE	4000 K	840	1,535 lm

Order Code	Full Product Name	Power Consumption	Wattage equivalent
25432900	MAS LEDBulbND7.3-100W E27 830 A60 FR GUE	7.3 W	100 W
25428200	MAS LEDBulbND7.3-100W E27 830 A60 CL GUE	7.3 W	100 W
25404600	MAS LEDBulbND2.3-40W E27 830 A60 CL G UE	2.3 W	40 W
24868700	MAS LEDBulb D 4-60W E27 830 A60 CL G UE	4 W	60 W
18837200	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	2.3 W	40 W
18885300	MAS LEDBulbND7.3-100W E27 840 A60 CL GUE	7.3 W	100 W

Order Code	Full Product Name	Dimmable
25432900	MAS LEDBulbND7.3-100W E27 830 A60 FR GUE	No
25428200	MAS LEDBulbND7.3-100W E27 830 A60 CL GUE	No
25404600	MAS LEDBulbND2.3-40W E27 830 A60 CL G UE	No
24868700	MAS LEDBulb D 4-60W E27 830 A60 CL G UE	Only with specific dimmers
18837200	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	No
18885300	MAS LEDBulbND7.3-100W E27 840 A60 CL GUE	No

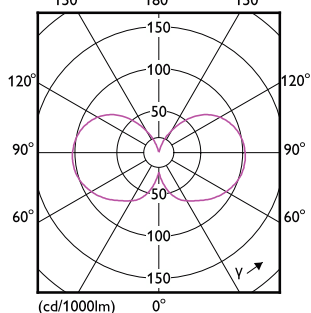
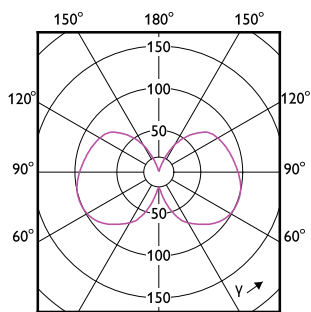
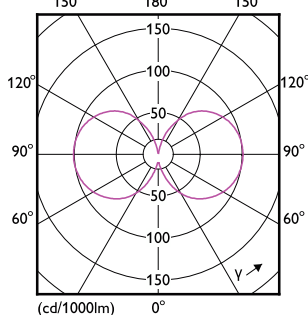
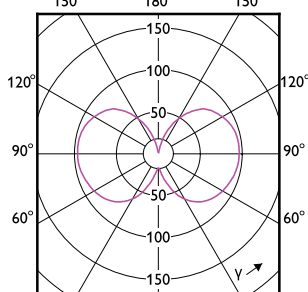
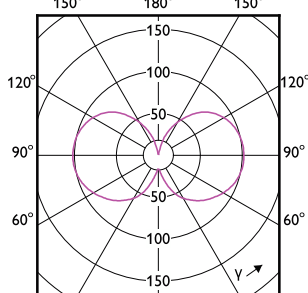
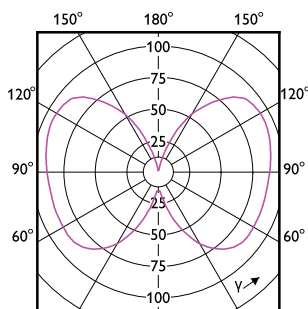
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Order Code	Full Product Name	Lamp Finish
18853200	MAS LEDBulbND4-60W E27 840 A60 CL G UE	Clear
18869300	MAS LEDBulbND5.2-75W E27 840 A60 CL G UE	Clear
25412100	MAS LEDBulbND4-60W E27 830 A60 CL G UE	Clear
25420600	MAS LEDBulbND5.2-75W E27 830 A60 CL G UE	Clear
28428900	MAS LEDBulbND4-60W E27 840 A60 FR G UE	Frosted
18889100	MAS LEDBulbND7.3-100W E27 840 A60 FR GUE	Frosted
25416900	MAS LEDBulbND4-60W E27 830 A60 FR G UE	Frosted

Order Code	Full Product Name	Lamp Finish
25432900	MAS LEDBulbND7.3-100W E27 830 A60 FR GUE	Frosted
25428200	MAS LEDBulbND7.3-100W E27 830 A60 CL GUE	Clear
25404600	MAS LEDBulbND2.3-40W E27 830 A60 CL G UE	Clear
24868700	MAS LEDBulb D 4-60W E27 830 A60 CL G UE	Clear
18837200	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	Clear
18885300	MAS LEDBulbND7.3-100W E27 840 A60 CL GUE	Clear

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
18853200	MAS LEDBulbND4-60W E27 840 A60 CL G UE	4 kWh
18869300	MAS LEDBulbND5.2-75W E27 840 A60 CL G UE	6 kWh
25412100	MAS LEDBulbND4-60W E27 830 A60 CL G UE	4 kWh
25420600	MAS LEDBulbND5.2-75W E27 830 A60 CL G UE	6 kWh
28428900	MAS LEDBulbND4-60W E27 840 A60 FR G UE	4 kWh
18889100	MAS LEDBulbND7.3-100W E27 840 A60 FR GUE	8 kWh
25416900	MAS LEDBulbND4-60W E27 830 A60 FR G UE	4 kWh
25432900	MAS LEDBulbND7.3-100W E27 830 A60 FR GUE	8 kWh
25428200	MAS LEDBulbND7.3-100W E27 830 A60 CL GUE	8 kWh
25404600	MAS LEDBulbND2.3-40W E27 830 A60 CL G UE	3 kWh
24868700	MAS LEDBulb D 4-60W E27 830 A60 CL G UE	4 kWh
18837200	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	3 kWh
18885300	MAS LEDBulbND7.3-100W E27 840 A60 CL GUE	8 kWh



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