



MASTER UltraEfficient LED bulb

MAS LEDBulbND2.3-40W E27 840 A60 CL G UE

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 the high SPEC product, but also keep the light quality of Philips brand

Product data

General Information	
Cap-Base	E27 [E27]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	485 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM)	1

Stroboscopic effect value (SVM)	0.4
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	2.3 W
Lamp Current (Nom)	25 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Voltage (Nom)	220 V
Temperature	
Ambient temperature range	-20 to +45 °C

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T-Case Maximum (Nom)	70 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	A60 [A 60mm]

Approval and Application

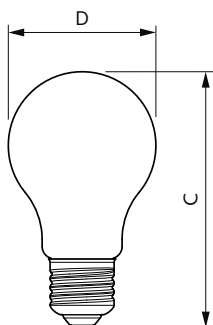
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1442605
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471

EyeComfort	Yes
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Product Data

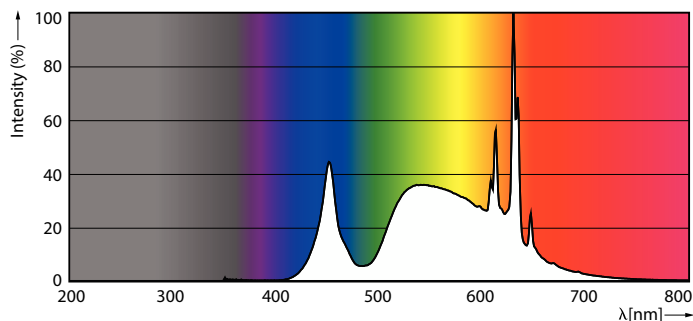
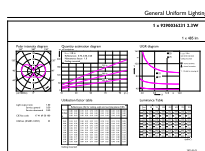
Full product code	872016918837200
Order product name	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE
Order code	929003623102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003623102
Full product name	MAS LEDBulbND2.3-40W E27 840 A60 CL G UE
EAN/UPC - Case	8720169188389
EAN/UPC - Product/Case	8720169188372

Dimensional drawing



Product	D	C
MAS LEDBulbND2.3-40W E27 840 A60 CL G UE	60 mm	104 mm

Photometric data

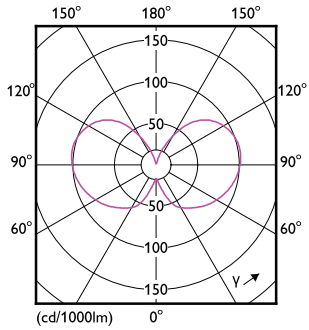


General uniform lighting - MAS LEDBulbND2.3-40W E27 840 A60 CL G UE

Spectral Power Distribution Colour - MAS LEDBulbND2.3-40W E27 840 A60 CL G UE

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Photometric data



Light Distribution Diagram - MAS LEDBulbND2.3-40W E27 840 A60 CL G UE

Lifetime



Life Expectancy Diagram - MAS LEDBulbND2.3-40W E27 840 A60 CL G UE



Lumen Maintenance Diagram - MAS LEDBulbND2.3-40W E27 840 A60 CL G UE

