





MASTER Ultra Efficient LED bulb

MAS LEDBulbND2.3-40W E27830 A60CL G EELA

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

Product data

General Information		
Cap base	E27	
Nominal lifetime	50,000 h	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
Light Technical		
Colour Code	830 [CCT of 3000K]	
Luminous Flux	485 lm	
Colour designation	White (WH)	
Correlated Colour Temperature (Nom)	3000 K	
Luminous efficacy (rated) (nom.)	210.00 lm/W	
Colour consistency	<6	
Colour rendering index (CRI)	80	
LLMF at end of nominal lifetime (nom.)	70 %	
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.)	30 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
Temperature	
T-Case maximum (nom.)	35 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	A60
Net Weight (Piece)	0.030 kg

Datasheet, 2023, April 15 data subject to change

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Approval and Application	
Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	3 kWh
EPREL Registration Number	1370027
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Application Conditions	
Can it be used in closed luminaires	No
Product Data	

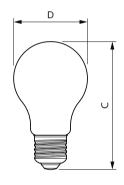
G EELA

MAS LEDBulbND2.3-40W E27830 A60CL

Full product name	MAS LEDBulbND2.3-40W E27830 A600	
	G EELA	
Full EOC	871951442073100	
Order code	42073100	
Material no. (12 NC)	929003066402	
Numerator – quantity per pack	1	
EAN/UPC — Product/Case	8719514420731	
Numerator – packs per outer box	10	
EAN/UPC - Case	8719514420748	

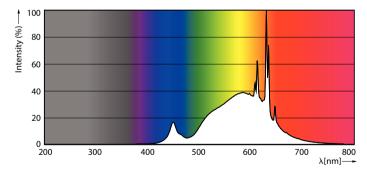
Dimensional drawing

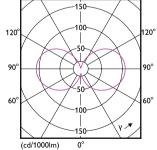
Order product name



Product	D	С
MAS LEDBulbND2.3-40W E27830 A60CL G EELA	60 mm	105 mm

Photometric data



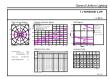


180°

Spectral Power Distribution Colour - MAS LEDBulbND2.3-40W E27830 A60CL G EELA Light Distribution Diagram - MAS LEDBulbND2.3-40W E27830 A60CL G EELA

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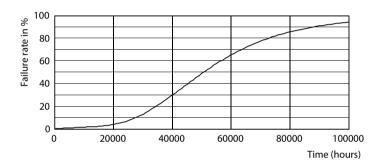
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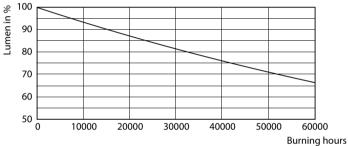


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General uniform lighting - MAS LEDBulbND2.3-40W E27830 A60CL G EELA

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LEDBulbND2.3-40W E27830 A60CL G EELA



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