



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

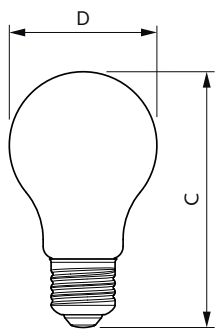
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Approval and Application	
Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	3 kWh
EPREL Registration Number	1370027
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4

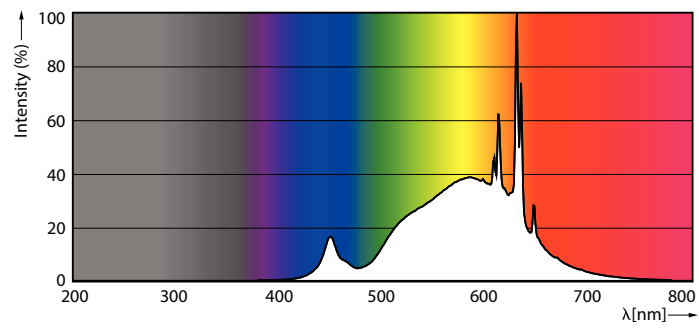
Application Conditions	
Can it be used in closed luminaires	No

Product Data	
Order product name	MAS LEDBulbND2.3-40W E27830 A60CL G EELA

Dimensional drawing



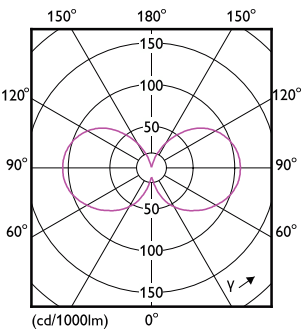
Photometric data



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

Full product name	MAS LEDBulbND2.3-40W E27830 A60CL 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

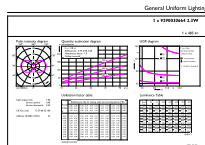
Product	D	C
MAS LEDBulbND2.3-40W E27830 A60CL G EELA	60 mm	105 mm



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

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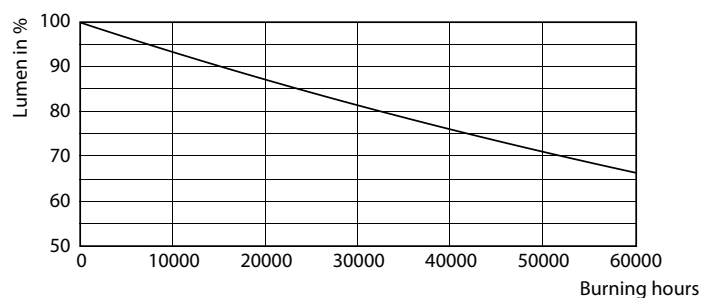
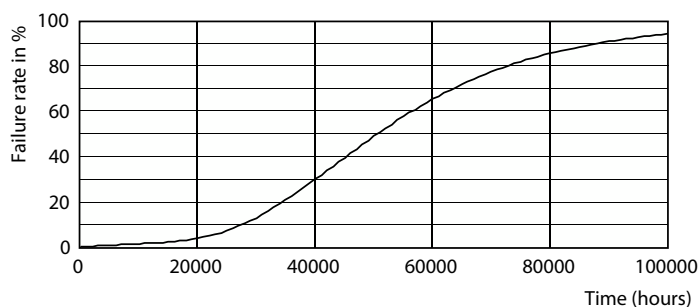
Photometric data



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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

