



MASTER Glass LED bulbs

MAS LEDBulb DT10.5-100W E27 CRI95A60FR G

LEDbulb, A60, 100 W, E27, 2200 K, 2700 K, 1521 lm, CRI 95, 25000 h, Glass

Featuring a classic heritage design, these filament MASTER glass bulbs combine the familiar shapes of incandescent glass LED bulbs with the benefits of long-lasting LED technology. Ideal for creating a cosy atmosphere for customers, these glass LED bulbs provide excellent quality of light. MASTER glass bulbs can be dimmed for different lumen levels and colour temperatures (dimmable glass led bulbs). They also deliver significant energy savings, using 30% less energy compared to normal LED bulbs. By offering a lifetime of 25,000 hours, these dimmable glass LED bulbs also reduce maintenance costs.

Product data

General Information		Correlated Colour Temperature (Nom)	
Cap base	E27		2200 2700 K
Nominal lifetime	25,000 h	Luminous efficacy (rated) (nom.)	144 lm/W
Switching Cycle	20,000	Colour consistency	<6
Lighting Technology	LEDbulb	Colour rendering index (CRI)	95
Flux measurement reference	Sphere	LLMF at end of nominal lifetime (nom.)	70 %
Warranty period	5 years	Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Colour Code	922-927 [CCT of 2200K-2700K]	Input frequency	50 to 60 Hz
Beam angle (nom.)	300 degree(s)	Power Consumption	10.5 W
Luminous Flux	1,521 lm	Lamp current (nom.)	55 mA
Colour designation	Warm Glow (WG)	Wattage equivalent	100 W
		Starting time (nom.)	0.5 s

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Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V

Temperature

T-Case maximum (nom.)	70 °C
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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Bulb shape	A60
Net Weight (Piece)	0.038 kg

Approval and Application

Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	11 kWh
EPREL Registration Number	1969957
CE mark	Yes
EU RoHS compliant	Yes

EyeComfort	Yes
Flickering value (PstLM)	0.9
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

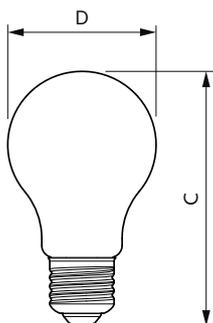
Application Conditions

Can it be used in closed luminaires	No
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Product Data

Order product name	MAS LEDBulb DT10.5-100W E27 CRI95A60FR G
Full product name	MAS LEDBulb DT10.5-100W E27 CRI95A60FR G
Full EOC	872016931109100
Order code	929003799202
Material no. (12 NC)	929003799202
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169311091
Numerator – packs per outer box	10
EAN/UPC - Case	8720169311107

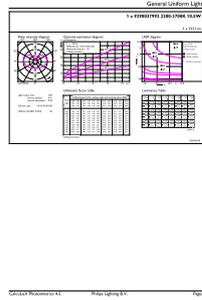
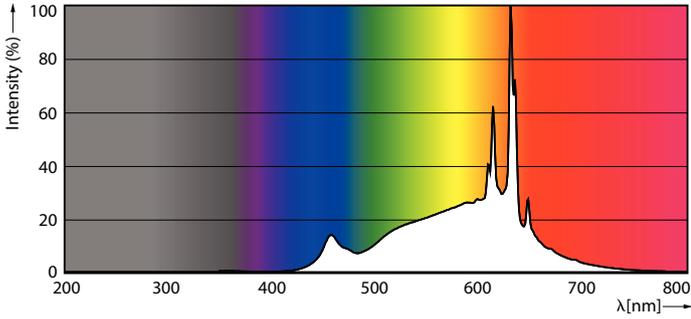
Dimensional drawing



Product	D	C
MAS LEDBulb DT10.5-100W E27 CRI95A60FR G	60 mm	108 mm

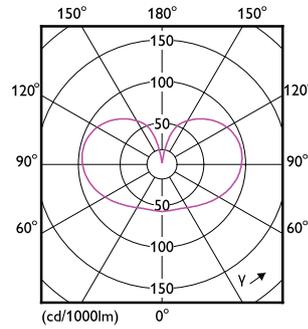
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Photometric data



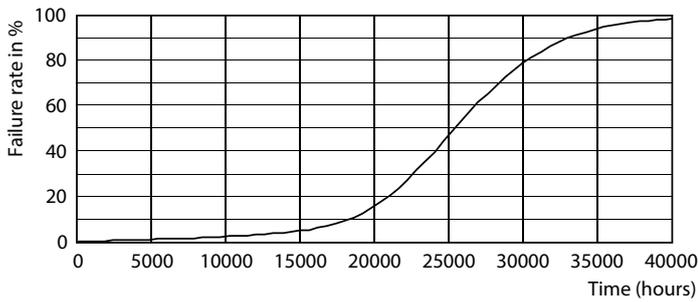
Spectral Power Distribution Colour - MAS LEDBulb DT10.5-100W E27 CRI95A60FR G

General uniform lighting - MAS LEDBulb DT10.5-100W E27 CRI95A60FR G

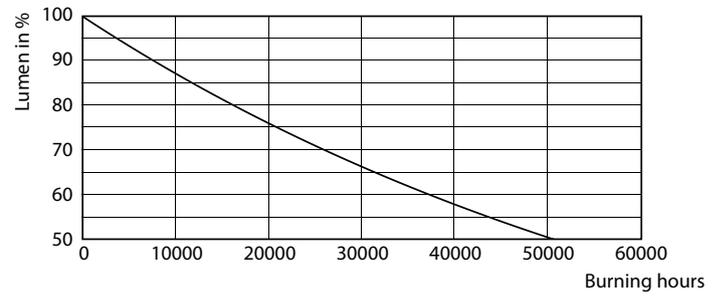


Light Distribution Diagram - MAS LEDBulb DT10.5-100W E27 CRI95A60FR G

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulb DT10.5-100W E27 CRI95A60FR G

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