



MASTER Glass LED bulbs

MAS LEDBulbDT10.5-100W E27 CRI95A60CLG

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

MASTER Glass LED bulbs

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	Clear
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	1969953
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

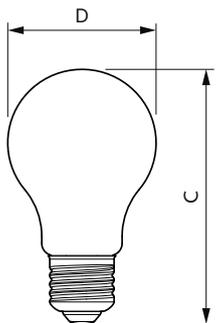
Application Conditions

Can it be used in closed luminaires	No
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Product Data

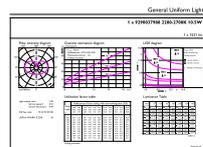
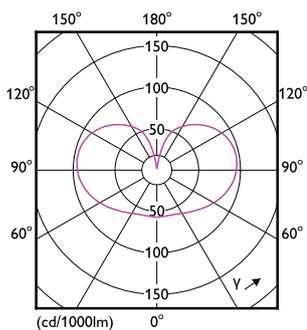
Order product name	MAS LEDBulbDT10.5-100W E27 CRI95A60CLG
Full product name	MAS LEDBulbDT10.5-100W E27 CRI95A60CLG
Full EOC	872016931101500
Order code	929003798802
Material no. (12 NC)	929003798802
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169311015
Numerator – packs per outer box	10
EAN/UPC - Case	8720169311022

Dimensional drawing



Product	D	C
MAS LEDBulbDT10.5-100W E27 CRI95A60CLG	60 mm	108 mm

Photometric data

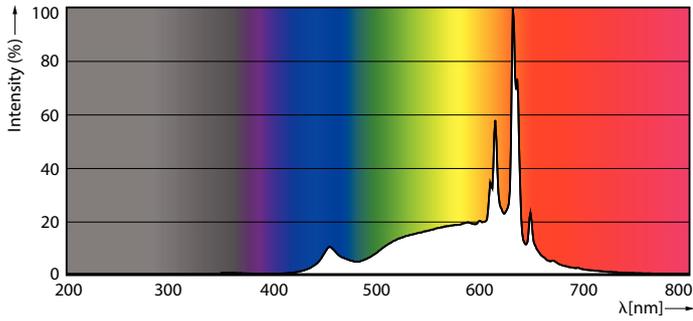


Light Distribution Diagram - MAS LEDBulbDT10.5-100W E27 CRI95A60CLG

General uniform lighting - MAS LEDBulbDT10.5-100W E27 CRI95A60CLG

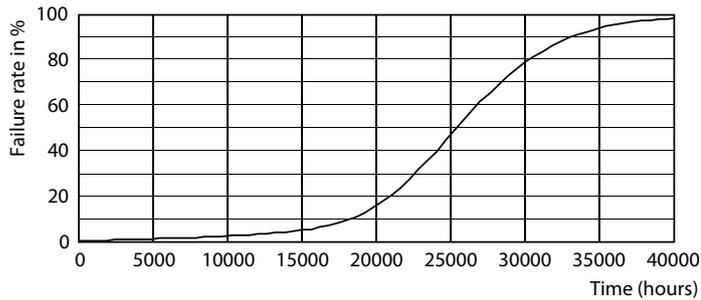
MASTER Glass LED bulbs

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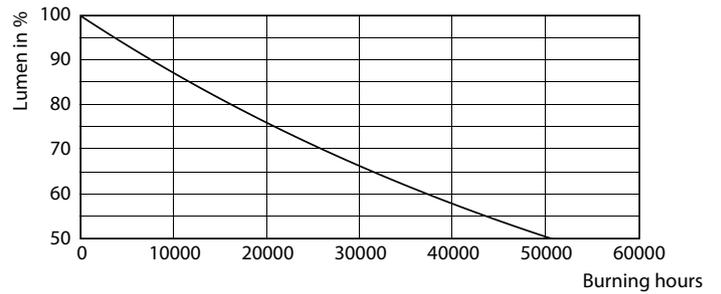


Spectral Power Distribution Colour - MAS LEDBulbDT10.5-100W E27
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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbDT10.5-100W E27
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