



MASTER Glass LED bulbs

MAS LEDBulb DT10.5-100W E27 CRI95A60FR G

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	
Cap base	E27
Nominal lifetime	25,000 h
Switching Cycle	20,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Colour Code	922-927 [CCT of 2200K-2700K]
Beam angle (nom.)	300 degree(s)
Luminous Flux	1,521 lm
Colour designation	Warm Glow (WG)
Correlated Colour Temperature (Nom)	2200 2700 K
Luminous efficacy (rated) (nom.)	144 lm/W
Colour consistency	<6
Colour rendering index (CRI)	95
LLMF at end of nominal lifetime (nom.)	70 %

Photobiological safety according to EN 62471 RG1	
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Operating and Electrical	
Input frequency	50 to 60 Hz
Power Consumption	10.5 W
Lamp current (nom.)	55 mA
Wattage equivalent	100 W
Starting time (nom.)	0.5 s
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

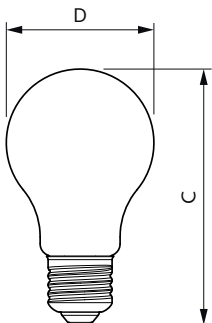
Application Conditions

Can it be used in closed luminaires	No
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Product Data

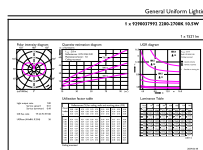
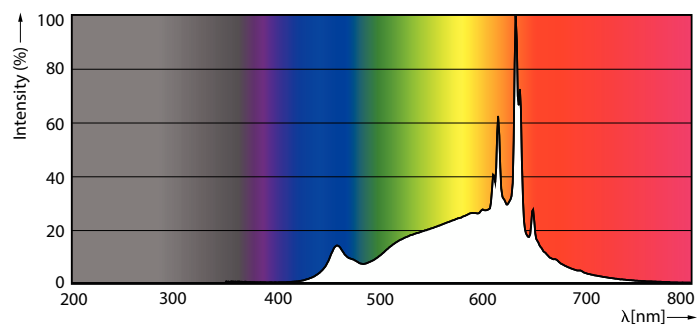
Order product name	MAS LEDBulb DT10.5-100W E27 CRI95A60FR G
Full product name	MAS LEDBulb DT10.5-100W E27 CRI95A60FR G
Full EOC	872016931109100
Order code	31109100
Material no. (12 NC)	929003799202
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169311091
Numerator – packs per outer box	10
EAN/UPC – Case	8720169311107

Dimensional drawing



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

Photometric data

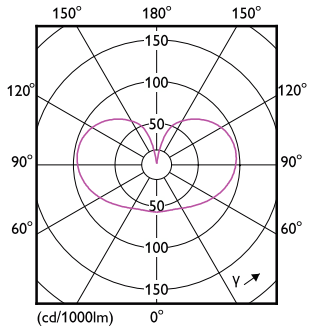


Spectral Power Distribution Colour - MAS LEDBulb DT10.5-100W E27 CRI95A60FR G

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

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Photometric data



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

