

MASTER Glass LED bulbs

MAS LEDBulbDT10.5-100W E27 CRI95A60CLG

LED, A60, Only with specific dimmers, E27, 2200 K, 2700 K, 1521 lm, CRI 95, 25000 hour(s), 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 cozy atmosphere for customers, these glass LED bulbs provide excellent quality of light. MASTER glass bulbs can be dimmed for different lumen levels and color 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 hour(s)
Switching Cycle	20,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Color Code	922-927 [CCT of 2200K-2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	Warm Glow(WG)

Correlated Color Temperature (Nom)	2200 2700 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color Consistency	<6
Color rendering index (CRI)	95
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

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

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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

Controls and Dimming

Dimmable	Only with specific dimmers

Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.038 kg

Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	11 kWh
EPREL Registration Number	1969953
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes

Flickering value (PstLM) - Flickering value as per EN 61000-3-3	0.9
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

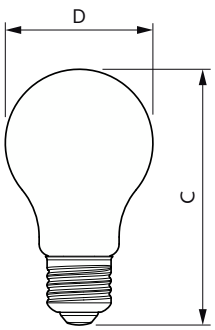
Application Conditions

can it be used in closed luminaires	No

Product Data

Order product name	MAS LEDBulbDT10.5-100W E27 CRI95A60CLG
Full product name	MAS LEDBulbDT10.5-100W E27 CRI95A60CLG
Full product code	872016931101500
Order code	929003798802
Material Nr. (12NC)	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

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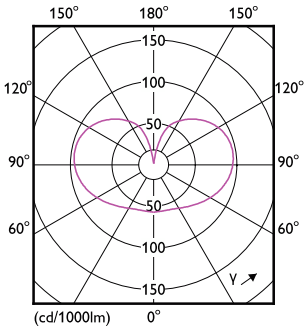
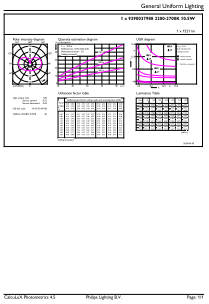
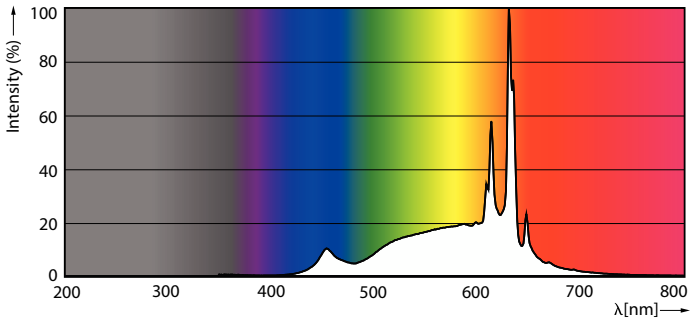
Photometric data



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

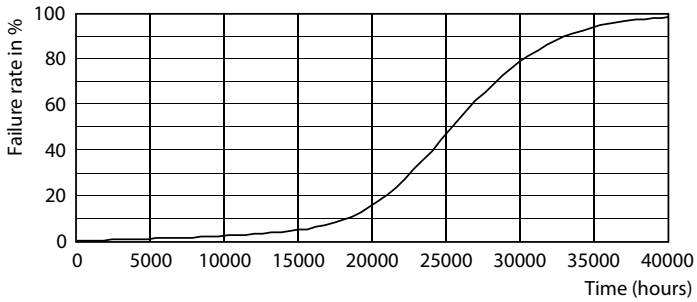


General uniform lighting - MAS LEDBulbDT10.5-100W E27 CRI95A60CLG

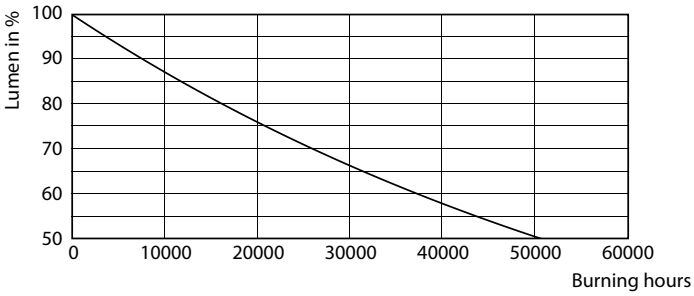


Spectral Power Distribution Colour - MAS LEDBulbDT10.5-100W E27 CRI95A60CLG

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbDT10.5-100W E27 CRI95A60CLG

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