



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 hour(s), Glass

LEDbulb, A60, 100 W, E27, 2200 K, 2700 K, 1521 lm, CRI 95, 25000 hour(s), Glass, 144 lm/W, EEL D, PF 0.9, Beam angle 300 degree(s), RG1, IP20, SVM 0.4, PstLM 0.9

Product data

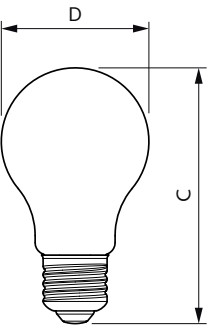
General Information	
Cap-Base	E27
Nominal lifetime	25,000 hour(s)
Switching Cycle	20,000
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Warranty period	5 years
Light Technical	
Color Code	922-927 [CCT of 2200K-2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	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
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

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Mechanical and Housing	
Bulb Finish	Frosted
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	1969957
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

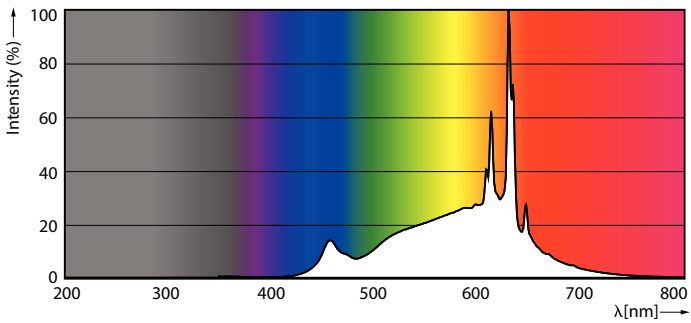
Dimensional drawing



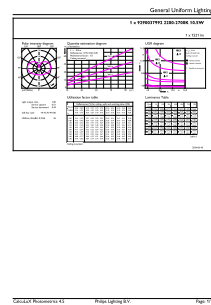
Application Conditions	
can it be used in closed luminaires	No
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LEDBulb DT10.5-100W E27 CRI95A60FR G
Full product name	MAS LEDBulb DT10.5-100W E27 CRI95A60FR G
Full product code	872016931109100
Order code	929003799202
Material Nr. (12NC)	929003799202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169311091
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169311107

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

Photometric data



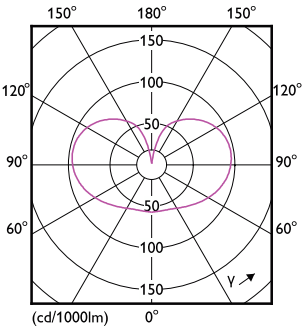
Spectral Power Distribution Colour - MAS LEDBulb DT10.5-100W E27 CRI95A60FR G



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

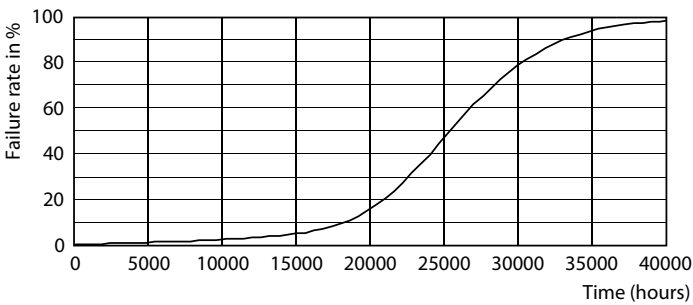
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Photometric data



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

