MASTER UltraEfficient LED bulb

MAS LEDBulbND5.2-75W E27 840A70 CLG UE

This is the most efficient LED bulb from Philips brand. 210lm/W helps to concrete the company statement of sustainability. 50000 hour lifetime helps to extend the replacement cycle to reduce the waste. This is not only the high SPEC product, but also keep the light quality of Philips brand

Product data

General Information

Cap-Base	E27
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical

Color Code	840 [CCT of 4000K]
Luminous Flux	1,095 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	5.2 W
Lamp Current (Nom)	60 mA
Wattage Equivalent	75 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V

Temperature

T-Case Maximum (Nom)	70 °C

Controls and Dimming

Dimmable	No

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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	A70
Net Weight (Piece)	0.050 kg

Approval and Application

Energy Efficiency Class	A
Energy Consumption kWh/1000 h	6 kWh
EPREL Registration Number	1370040
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Application Conditions

can it be used in closed luminaires	No

## Product Data

Order product name	MAS LEDBulbND5.2-75W E27 840A70 CLG UE
Full product name	MAS LEDBulbND5.2-75W E27 840A70 CLG UE
Full product code	871951443589600
Order code	929003480502
Material Nr. (12NC)	929003480502
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8719514435896
Numerator – Packs per outer box	10
EAN/UPC – Case	8719514435902

Dimensional drawing
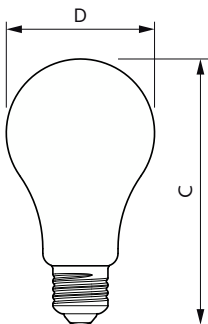
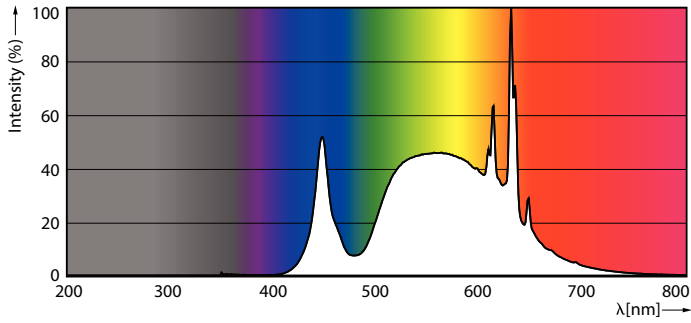| Product	D	C
MAS LEDBulbND5.2-75W E27 840A70 CLG UE	70 mm	127 mm

Photometric data
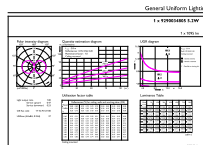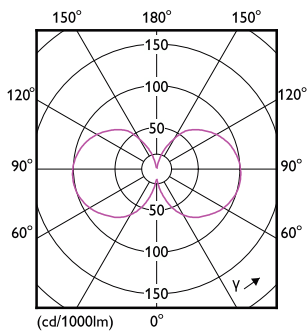
Light Distribution Diagram – MAS LEDBulbND5.2-75W E27 840A70 CLG UE

General uniform lighting – MAS LEDBulbND5.2-75W E27 840A70 CLG UE

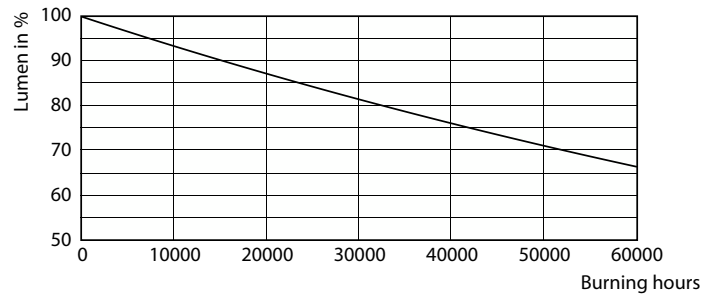## MASTER UltraEfficient LED bulb

Photometric data

Spectral Power Distribution Colour – MAS LEDBulbND5.2–75W E27 840A70 CLG UE

Lifetime

Life Expectancy Diagram

Lumen Maintenance Diagram – MAS LEDBulbND5.2–75W E27 840A70 CLG UE

www.lighting.philips.com

2025, March 17 – data subject to change