PHILIPS Lighting





MASTER Ultra Efficient LED bulb

MAS LEDBulbND7.3-100WE27840 A70 FRG 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 a high SPEC product, but also keeps the light quality of Philips brand

Product data

General information	
Cap base	E27 [E27]
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light technical	
Colour Code	840 [CCT of 4000K]
Luminous Flux	1,535 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature	4000 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and electrical	

50 to 60 Hz 50 to 60 Hz

Power Consumption	7.3 W
Lamp current (nom.)	70 mA
Wattage equivalent	100 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
Mechanical and housing	
Lamp Finish	Frosted
Bulb shape	A70 [A 70 mm]
Approval and application	
Energy Efficiency Class	A

Line Frequency

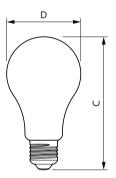
Input frequency

MASTER Ultra Efficient LED bulb

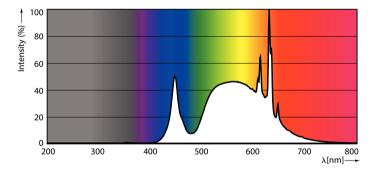
Energy consumption kWh/1,000 hours	8 kWh	
EPREL registration number	1370037	
CE mark	Yes	
EU RoHS compliant	Yes	
Product data		
Full EOC	871951443585800	
Order product name	MAS LEDBulbND7.3-100WE27840 A70 FRG UE	

Order code	43585800	
SAP numerator - quantity per pack	1	
Numerator – packs per outer box	10	
Material number (12NC)	929003480302	
Full product name	MAS LEDBulbND7.3-100WE27840 A70 FRG UE	
EAN/UPC - Case	8719514435865	

Dimensional drawing

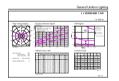


Product	D	с
MAS LEDBulbND7.3-100WE27840 A70 FRG UE	70 mm	127 mm

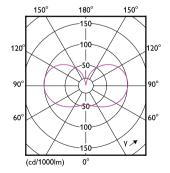


Spectral Power Distribution Colour - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

Photometric data



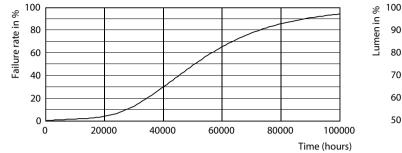
General uniform lighting - MAS LEDBulbND7.3-100WE27840 A70 FRG UE



Light Distribution Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

MASTER Ultra Efficient LED bulb

Lifetime



Life Expectancy Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

8 100 90 80 70 60 50 0 1000 2000 3000 4000 5000 60000 Burning hours

Lumen Maintenance Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.