



MASTERLine ES

MASTERLine ES 45W GU5.3 12V 24D 1CT/4X5F

MASTER dichroic coated low-voltage halogen reflector lamp with EcoBoost technology. Most energy-efficient dichroic lamp on the market

Product data

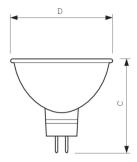
General Information	
Cap base	GU5.3 [GU5.3]
Operating position	UNIVERSAL [Any or Universal (U)]
Nominal lifetime	5,000 h
Switching Cycle	20,000
Rated Lifetime (Hours)	5,000 h
Lighting Technology	Halogen
Light Technical	
Beam angle (nom.)	24 degree(s)
Correlated Colour Temperature	3000 K
Colour rendering index (CRI)	100
Luminous flux in 90° cone (rated)	830 lm
Operating and Electrical	
Power Consumption	45.0 W
Lamp current (nom.)	3.75 A
Starting time (nom.)	0.0 s
Warm-up time to 60% light	Instant full light s
Power Factor (Fraction)	1
Voltage (nom.)	12 V
Voltage (nom.)	12 V

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	MR16 [2 inch/50 mm]
Approval and Application	
Energy consumption kWh/1,000 hours	48 kWh
Product Data	
Order product name	MASTERL ES 45W GU5.3 12V 24D 1CT/4X5F
Full product name	MASTERLine ES 45W GU5.3 12V 24D 1CT/4X5F
Full EOC	871150042441971
Order code	42441971
Material no. (12 NC)	924896017101
Local order code	14589
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8711500424419
Numerator – packs per outer box	20
EAN/UPC - Case	8711500410283

Datasheet, 2023, April 30 data subject to change

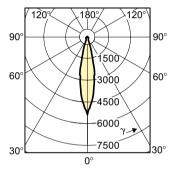
MASTERLine ES

Dimensional drawing



Product	D (max)	C1 (max)
MASTERL ES 45W GU5.3 12V 24D 1CT/4X5F	51 mm	50.5 mm

Photometric data



Light Distribution Diagram - MASTERL ES 45W GU5.3 12V 24D 1CT/4X5F



© 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.