



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

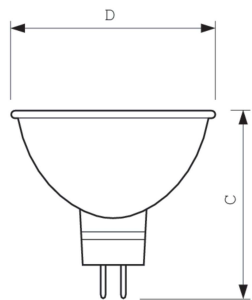
Product data

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

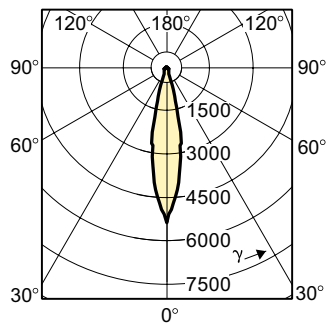
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Dimensional drawing



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

