



# MASTERLine ES

## MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F

Low-voltage halogen burner with very high energy efficiency and long lifetime thanks to IRR coating in glass reflector. Ideal solution for small decorative luminaires, putting your objects in the spotlight. Dichroic coating prevents heat transmission onto the object.

### Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Operating Position	UNIVERSAL [Any or Universal (U)]
Nominal lifetime	5,000 hour(s)
Switching Cycle	20,000
Rated Lifetime (Hours)	5,000 hour(s)
Lighting Technology	Halogen
Light Technical	
Beam Angle (Nom)	60 degree(s)
Correlated Color Temperature (Nom)	3000 K
Color 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

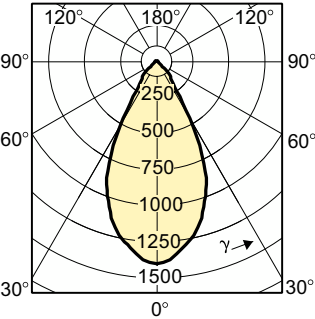
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	MR16 [2inch/50mm]
Approval and Application	
Energy Consumption kWh/1000 h	48 kWh
Product Data	
Order product name	MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F
Full product name	MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F
Full product code	8711500424471
Order code	924896217101
Material Nr. (12NC)	924896217101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500424471
Numerator - Packs per outer box	20
EAN/UPC - Case	8711500410368

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## Dimensional drawing

Product	D (max)	C1 (max)
MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F	51 mm	50.5 mm

## Photometric data



Light Distribution Diagram - MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F

