



# MASTERLine ES

## MASTERL ES 45W GU5.3 12V 36D 1CT/4X5F

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

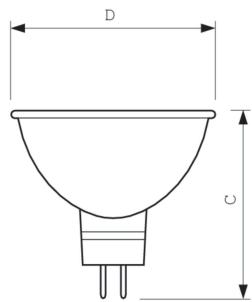
### Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Operating Position	UNIVERSAL [Any or Universal (U)]
Nominal lifetime	5,000 hour(s)
Switching Cycle	20,000
Rated Lifetime (Hours)	5,000 hour(s)
Lighting Technology	Halogen
Light Technical	
Beam Angle (Nom)	36 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 36D 1CT/4X5F
Full product name	MASTERL ES 45W GU5.3 12V 36D 1CT/4X5F
Full product code	871150042444071
Order code	924896117101
Material Nr. (12NC)	924896117101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500424440
Numerator - Packs per outer box	20
EAN/UPC - Case	8711500410344

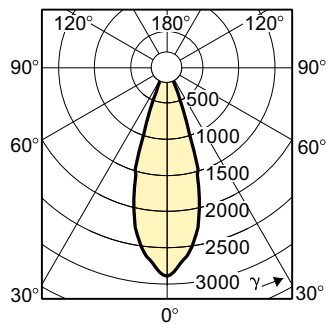
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Dimensional drawing



Product	D (max)	C1 (max)
MASTERL ES 45W GU5.3 12V 36D 1CT/4X5F	51 mm	50.5 mm

Photometric data



Light Distribution Diagram - MASTERL ES 45W GU5.3 12V 36D 1CT/4X5F

