



## MASTERLine ES

MASTERLine ES 20W 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

**PHILIPS**

## Product data

### • General Information

Cap base	GU5.3 [ GU5.3]
Philips code	18133
Bulb shape	MR16 [ 2inch/50mm]
Operating position	UNIVERSAL [ Any/Universal]
Nominal lifetime (nom.)	5000 h

### • Light Technical

Beam Angle (Nom)	36 °
Luminous flux (rated) (nom.)	300 lm
Luminous intensity (max.)	1000 cd
Rated beam angle	36 °
Correlated colour temperature (nom.)	3000 K
Color rendering index (nom.)	100
LLMF at end of nominal lifetime (min.)	80 %
Luminous Flux In 90° Cone (Rated)	300 lm

### • Operating and Electrical

Power (Rated) (Nom)	20.0 W
Lamp current (nom.)	2 A
Wattage equivalent	35 W
Starting time (nom.)	0.0 s
Warm-up time to 60% light (nom.)	instant full light
Power factor (nom.)	1

Voltage (Nom) 12 V

### • Controls and Dimming

Dimmable yes

### • Approval and Application

Energy efficiency label (EEL) B  
Energy Consumption 21 kWh/kWh/1000 h

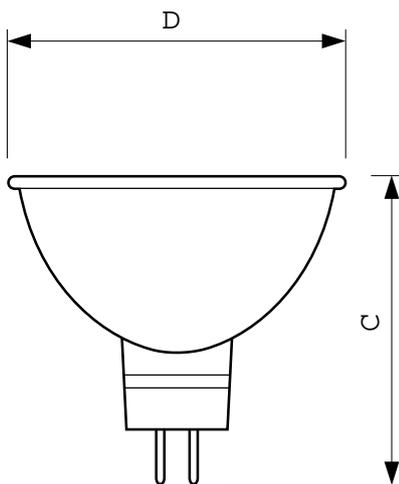
### • Luminaire Design Requirements

Bulb temperature (max.) 250 °C  
Cap base temperature (max.) 350 °C

### • Product Data

Full product code 871150041367371  
Order product name MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F  
EAN/UPC – product 8711500413673  
Order code 41367371  
Local Code 18133  
Numerator – quantity per pack 1  
Numerator – packs per outer box 20  
Material no. (12NC) 924895017101  
Net weight (piece) 30.000 g  
ILCOS Code HRGS-20-12-GU5.3-50/36

## Dimensional drawing

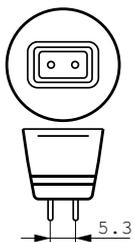


GU5.3, MR16

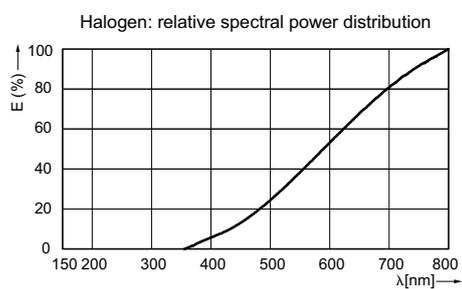
### MLES 18133 20W GU5.3 12V MR16 36D

Product	D	C1
MASTERLine ES 20W GU5.3 12V 36D 1CT/4X5F	51 mm	50.5 mm

Dimensional drawing



Photometric data



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data subject to change