



MASTERLine ES

MASTERLine ES 45W GU5.3 12V 36D 1CT

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 Characteristics

Philips Code	18144
ANSI Code Halogen	na [-]
Cap-Base	GU5.3
Bulb	MR16 [2inch/50mm]
Operating Position	any [Any or Universal (U)]
Life to 50% failures	5000 hr
Nominal Lifetime	5000 hr
Rated Lifetime (hours)	5000 hr
Rated Lifetime (years)	5 an

• Light Technical Characteristics

Beam Angle	36 D
Beam Angle Technical	36 D
Luminous Intensity	2850 (max) cd
Color Rendering Index	100 Ra8
Color Temperature	3000 K
Color Temperature Technical	3000 K
Rated Luminous Flux	830 Lm
LLMF - end nominal lifetime	80 (min) %
Rated Beam Angle	36 D
Luminous flux in 90° cone	830 Lm

• Electrical Characteristics

Rated Wattage	45.0 W
Lamp Wattage	45 W
Lamp Wattage Technical	45 W

Power Factor	1 -
Voltage	12 V
Lamp Current	3.75 A
Dimmable	Yes
Wattage Equivalent	68 W
Starting Time	0.0 s
Warm-up Time to 60% Light Outp	instant full light

• Environmental Characteristics

Energy Efficiency Label (EEL)	B
Energy consumption kWh/1000h	48 kWh

• Measuring Conditions

Switching cycle	20000X
-----------------	--------

• Luminaire Design Requirements

Cap-Base Temperature	410 (max) C
Bulb Temperature	410 (max) C

• Product Dimensions

Overall Length C	46 (max) mm
Overall Length Rim C1	50.5 (max) mm
Diameter D	51 (max) mm

• Product Data

Order code	924896117101
Full product code	924896117101



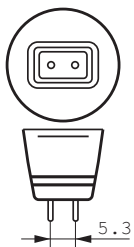
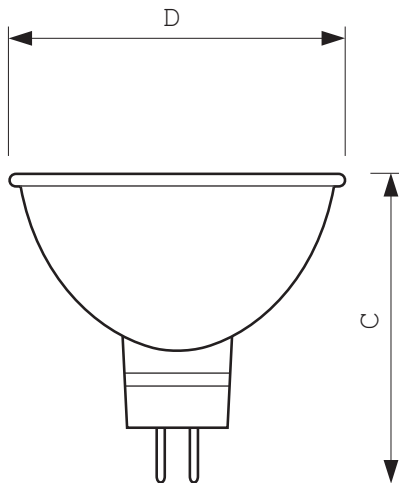
asimpleswitch.com

PHILIPS

Full product name MASTERLine ES 45W GU5.3 12V
 36D 1CT
 Order product name MASTERL ES 45W GU5.3 12V 36D
 1CT/4X5F
 Pieces per pack 1
 Packing configuration 4X5F
 Packs per outerbox 20
 Bar code on pack -
 EAN1 8711500424440

Bar code on inter-
 mediate packing -
 EAN2 8711500424457
 Bar code on
 outerbox - EAN3 8711500410344
 Logistic code(s) -
 12NC 924896117101
 ILCOS code HRGS-45-12-GU5.3-50/36
 Net weight per piece 30.000 gr

Dimensional drawing



GU5.3

MASTERLine ES 45W GU5.3 12V 36D 1CT

Product	C1 (Max)	D (Max)
MLES 18144 45W GU5.3 12V MR16 36D	50.5	51



© 2014 Koninklijke Philips N.V. (Royal Philips)
 All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, April 11
 data subject to change