



# MASTER VALUE LEDs pot LV

## BC3.5MR11/F24/3000 ND 12V

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V Halogen electronic transformers. It also delivers beam intensity which is equivalent to the 50W Philips Halogen MR16 lamps. The form-factor of Philips MASTER Value LED MR16 guarantees a 100% form on the back-side of the lamp (exact form with Halogen lamps.)

### Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

### Product data

General Information	
Cap-Base	GU4 [GU4]
Nominal lifetime	40,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	215 lm
Luminous Intensity (Nom)	1,000 cd
Color Designation	White (WH)

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	61.43 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	200 lm

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	3.5 W
Lamp Current (Nom)	640 mA
Wattage Equivalent	20 W

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Starting Time (Nom)	0.5 s
Warm-up time to 60% light	instant full light s
Power Factor (Fraction)	0.5
Voltage (Nom)	12 V

## Temperature

T-Case Maximum (Nom)	94 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Shape	MR11 [1.375inch/35mm]
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## Approval and Application

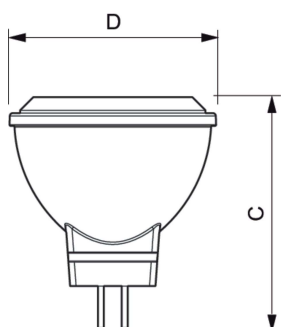
Suitable For Accent Lighting	Yes
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Energy Consumption kWh/1000 h	4 kWh
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## Product Data

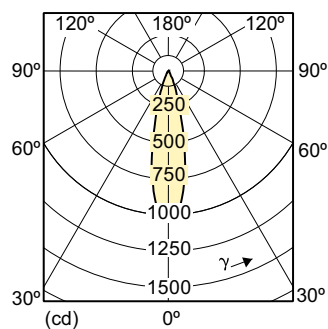
Order product name	BC3.5MR11/F24/3000 ND 12V
Full product name	BC3.5MR11/F24/3000 ND 12V
Full product code	929001123703
Order code	929001123703
Material Nr. (12NC)	929001123703
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677454159
Numerator - Packs per outer box	6
EAN/UPC - Case	50046677454154

## Dimensional drawing

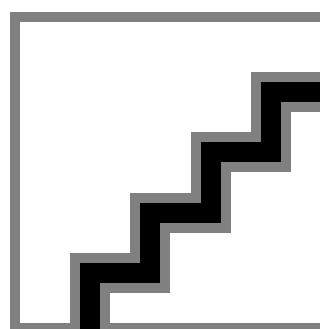


Product	D	C
BC3.5MR11/F24/3000 ND 12V	35 mm	40 mm

## Photometric data



Light Distribution Diagram - BC3.5MR11/F24/3000 ND 12V



Spectral Power Distribution Colour - BC3.5MR11/F24/3000 ND 12V

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