



MR16 LED

7MR16/F36 4000 DIM AF 10/1

Philips MR16 Dimmable LED Lamps provide ambient level light to illuminate hard to maintain applications. Increased transformer compatibility allows for operation on a wider range of transformers. Available in dimmable and non-dimmable versions, these lamps are ideal for track and open recessed fixtures in retail, hospitality and residential spaces.

Product data

• General Characteristics

Cap-Base	GU5.3
Bulb	MR16 [MR 16inch/50mm]
Rated Avg. Life (Hours)	40000 hr
Nominal Lifetime hours	40000 hr

• Light Technical Characteristics

Color Code	840
Color Designation	Cool White
Beam Angle	36 D
Beam Description	36D [Medium beam]
Correlated Color Temperature	4000 K
Approximate Lumens	440 Lm
Approx. MBCP	1450 cd
CRI	80
Luminous Efficacy Lamp	62.86 Lm/W
Color Temp. (Kelvin)	4000 K [CCT 4000K]
Rated Luminous Flux	440 Lm
LLMF - end nominal lifetime	70 %
Colour consistency	6 steps
Rated Beam Angle	36 D
Luminous flux in 90° cone	435 Lm

• Electrical Characteristics

Wattage	7 W
Wattage Technical	7 W
Voltage	12 V
Line Frequency	50-60 Hz
Power Factor	0.7 -

Lamp Current mA	750 mA
Dimmable	Yes
Wattage Equivalent	35 W
Rated Wattage	7.0 W
Starting Time	0.5 (max) s
Warm-up Time to 60% Light Outp	instant full light
Suitable for accent lighting	Yes

• Temperature Characteristics

T-case maximum	110 C
----------------	-------

• Environmental characteristics

Energy Efficiency Label (EEL)	A
-------------------------------	---

• Measuring Conditions

Switching cycle	50000X
-----------------	--------

• Product Dimensions

Overall Length C	54 mm
Diameter D	50 mm

• Product Data

Product number	432641
Full product name	7MR16/F36 4000 DIM AF 10/1
Short product name	7MR16/F36 4000 DIM AF 10/1
Pieces per Sku	1
Skus/Case	10
Bar code on pack	46677432645
Bar code on case	50046677432640



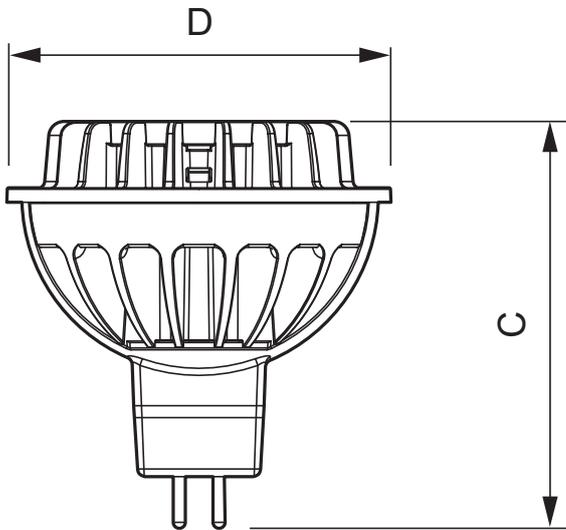
PHILIPS

MR16 LED

Logistics code(s) 929000237804

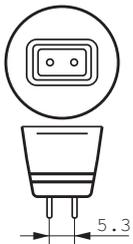
eop_net_weight_pp 0.060 kg

Dimensional drawing



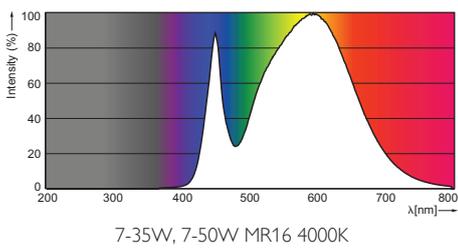
7MR16/F36 4000 DIM AF 10/1

Product	C (Norm)	C1 (Max)	D (Norm)	D1 (Norm)
LED D 7-50W 4000K MR16 36D	54	-	50	-



GU5.3

Photometric data



© 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 8
data subject to change