



# Energy Advantage IR MR16

Energy Advantage IR 45W GU5.3 12V MR16 24D 1CT

Philips Energy Advantage IRC MR16 lamps make it easy to optimize the look and feel of your merchandise, and the shoppers experience, with lower operating costs.

## Product data

### • General Characteristics

Philips Code	18143
Base	GU5.3
Bulb	MR16 [2inch/50mm]
Operating Position	Universal [Any or Universal (U)]
RatedAvgLife(See Family Notes)	5000 hr
Nominal Lifetime	5000 hr
Rated Lifetime (hours)	5000 hr
Rated Lifetime (years)	5 an

### • Light Technical Characteristics

Beam Angle	24 D
Beam Angle Technical	24 D
Approx. MBCP	5300 (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	24 D
Luminous flux in 90° cone	830 Lm

### • Electrical Characteristics

Rated Wattage	45.0 W
Watts	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
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### • 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

Product number	202721
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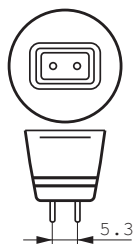
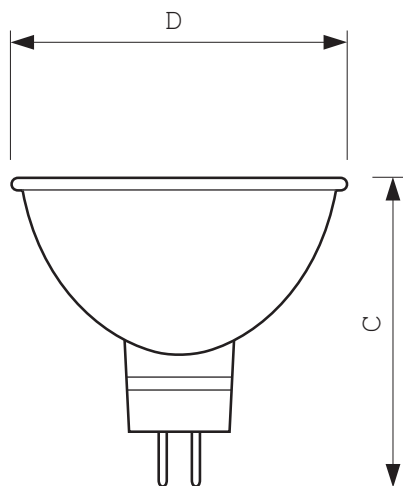
# PHILIPS

## Energy Advantage IR MR16

Full product name Energy Advantage IR 45W GU5.3 12V  
MR16 24D 1CT  
Short product name 45MRC16/IRC/NFL24 20PK  
Pieces per Sku 1  
eop\_pck\_cfg 4X5F  
Skus/Case 20  
Bar code on pack 46677202729

Bar code on inter-  
mediate pack 2005040020030  
Bar code on case 50046677202724  
Logistics code(s) 924896017104  
tpd\_ilcos\_cd HRGS-45-12-GU5.3-50/24  
eop\_net\_weight\_pp 30.000 gr

### Dimensional drawing



GU5.3

### Energy Advantage IR 45W GU5.3 12V MR16 24D 1CT

Product	C1 (Max)	D (Max)
MLES 18143 45W GU5.3 12V MR16 24D	50.5	51



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data subject to change