



# Energy efficient low-voltage halogen reflector lamps

## Energy Advantage IR MR16

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.

### Features

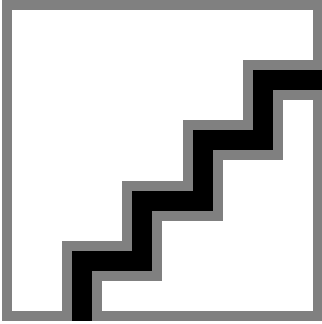
- High performance IR coating on a single ended burner.
- Optimizes lumen output up to 24 lumens per watt, giving you up to 67% longer life and up to 43% in energy savings compared to a standard halogen MR16 lamp.
- Aluminum coating eliminates back-light on 20W, 30W and 35W lamps.
- No back-light eliminates sparkle from open-back fixtures.
- Protects the fixture by directing heat out the front.
- UV block- Reduces color fading.
- Flat lens- Easily fits into enclosed fixtures.
- Available in 20, 30, 35, and 45 watts Spot, Narrow Spot, Flood, and Wide Flood.

### Application

- Ideal for accent lighting in retail stores, hotels, restaurants, museums and art galleries.

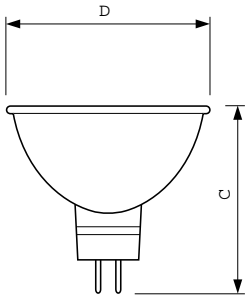
# Energy Advantage IR MR16

## Versions

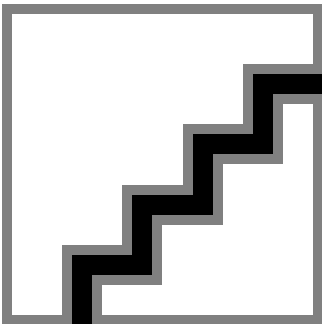


GU5.3, MR16

## Dimensional drawing



Product	D (max)	C1 (max)
EnAdvIR Alu 35W 12V MR16 36D 1CT/4XF5	51 mm	50.5 mm
EnAdvIR Alu 35W 12V MR16 8D 1CT/4XF5	51 mm	50.5 mm



Product	D (max)	C1 (max)
EnAdvIR Alu 35W 12V MR16 36D 1CT/4XF5	51 mm	50.5 mm
EnAdvIR Alu 35W 12V MR16 8D 1CT/4XF5	51 mm	50.5 mm

## Product details



GU5.3, MR16

# Energy Advantage IR MR16

## Operating and Electrical

Lamp Current (Nom)	2.92 A
Voltage (Nom)	12 V
Power (Rated) (Nom)	35 W
Starting Time (Nom)	0.0 s

## General Information

Cap-Base	GU5.3
Operating Position	UNIVERSAL
Rated Lifetime (Hours)	5000 h

## Luminaire Design Requirements

Bulb Temperature (Max)	250 °C
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## Light Technical

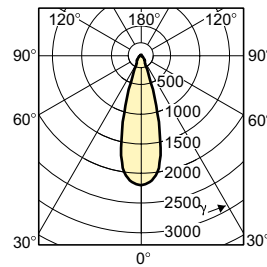
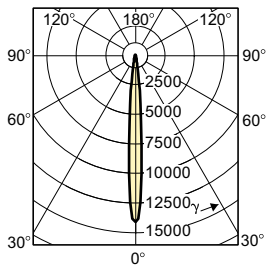
Correlated Color Temperature (Nom)	3000 K
Color Rendering Index (Nom)	100

## Mechanical and Housing

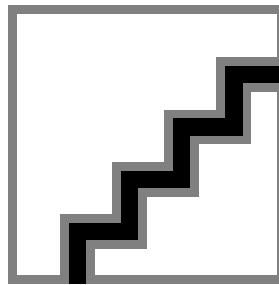
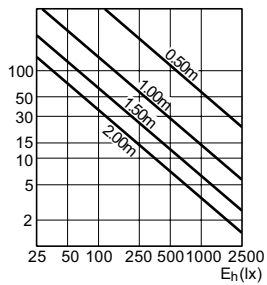
Bulb Shape	MR16
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## Light Technical

Order Code	Full Product Name	Beam Angle (Nom)	Luminous Intensity (Max)
925633417104	EnAdvIR Alu 35W 12V MR16 8D 1CT/4XF5	8 °	13500 cd
925633717104	EnAdvIR Alu 35W 12V MR16 36D 1CT/4XF5	36 °	2200 cd



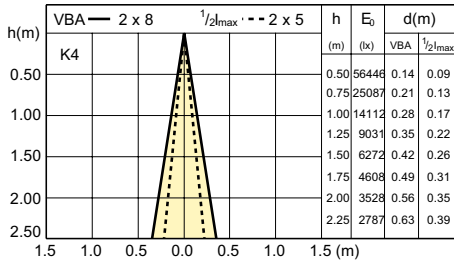
## Accent Diagrams



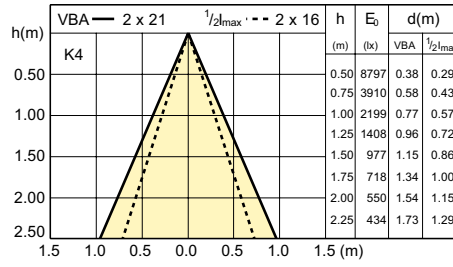
LDAC\_HMLE5\_35W\_36D-Accent diagram

# Energy Advantage IR MR16

## Beam Diagrams



LDBE\_HMLES\_35W\_8D-Beam diagram



LDBE\_HMLES\_35W\_36D-Beam diagram

