



Spot of bright white light

Brilliantline Alu

Superior-quality low-voltage halogen burner in glass reflector. Ideal solution for small decorative luminaires, putting your objects in the spotlight. Aluminum coating prevents heat in the backlight.

Benefits

- Bright, sparkling halogen light to put your objects in the spotlight
- Fully dimmable, from 0 to 100%, to meet different brightness requirements
- Lower replacement costs due to longer burning hours

Features

- Superior quality of light with excellent color rendering (Ra=100)
- Low-pressure technology with UV-block glass allows use in luminaires without front glass
- Universal burning position
- Lifetime: 4000 hours
- Instant start

Application

- Spot accent lighting to create the right ambiance in hotels, restaurants and shops

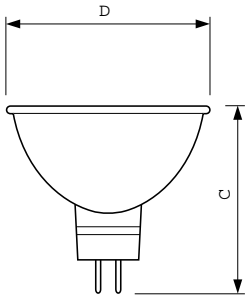
Brilliantline Alu

Versions



GU5.3, MR16

Dimensional drawing



Product	D (max)	C (max)
Brilliantline Alu 50W GU5.3 12V MR16 36D 1CT/10X5F	51 mm	46 mm
Brilliantline Alu 35W GU5.3 12V MR16 36D 1CT/10X5F	51 mm	46 mm

Brilliantline Alu

Approval and Application

Energy Efficiency Label (EEL) B

Controls and Dimming

Dimmable Yes

Operating and Electrical

Voltage (Nom) 12 V
 Starting Time (Nom) 0.0 s
 Warm Up Time To 60% Light (Nom) instant full light

General Information

Cap-Base GU5.3
 Nominal Lifetime (Nom) 4000 h
 Operating Position UNIVERSAL
 Rated Lifetime (Hours) 4000 h
 Switching Cycle 16000X

Luminaire Design Requirements

Bulb Temperature (Max) 250 °C

Light Technical

Beam Angle (Nom) 36 °
 Correlated Color Temperature (Nom) 3000 K
 Color Rendering Index (Nom) 100
 Llmf At End Of Nominal Lifetime (Min) 80 %
 Rated Beam Angle 36 °

Mechanical and Housing

Bulb Finish Clear
 Bulb Shape MR16

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
924057317101	Brilliantline Alu 35W GU5.3 12V MR16 36D 1CT/10X5F	37 kWh
924057417101	Brilliantline Alu 50W GU5.3 12V MR16 36D 1CT/10X5F	53 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
924057317101	Brilliantline Alu 35W GU5.3 12V MR16 36D 1CT/10X5F	3.00 A	35.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power (Rated) (Nom)
924057417101	Brilliantline Alu 50W GU5.3 12V MR16 36D 1CT/10X5F	4.25 A	50.0 W

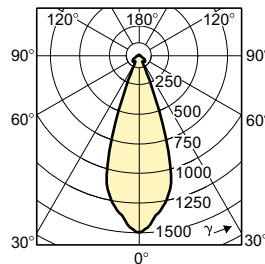
General Information

Order Code	Full Product Name	Philips Code
924057317101	Brilliantline Alu 35W GU5.3 12V MR16 36D 1CT/10X5F	14716

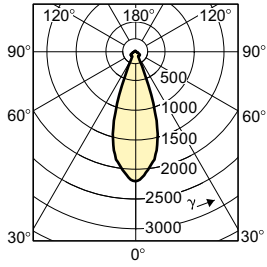
Order Code	Full Product Name	Philips Code
924057417101	Brilliantline Alu 50W GU5.3 12V MR16 36D 1CT/10X5F	14717

Light Technical

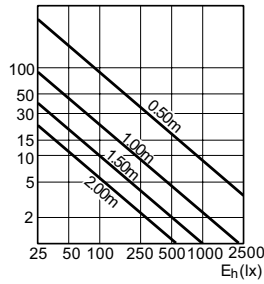
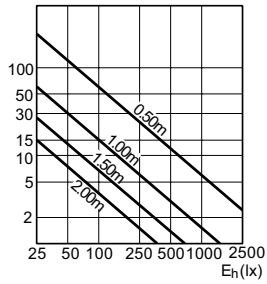
Order Code	Full Product Name	Luminous Flux (Rated) (Nom)	Luminous Intensity (Max)
924057317101	Brilliantline Alu 35W GU5.3 12V MR16 36D 1CT/10X5F	460 lm	1500 cd
924057417101	Brilliantline Alu 50W GU5.3 12V MR16 36D 1CT/10X5F	780 lm	2100 cd



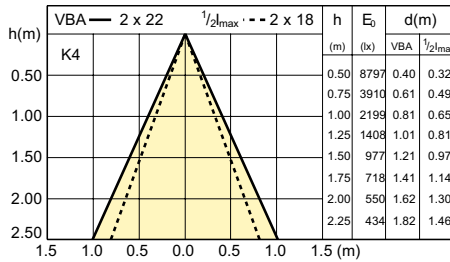
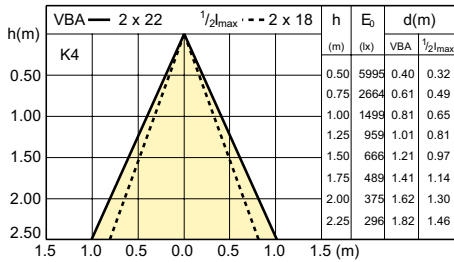
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Accent Diagrams



Beam Diagrams



LDBE_HALUMR_35W_36D-Beam diagram

LDBE_HALUMR_50W_36D-Beam diagram

