PHILIPS Lighting



Product Description

Brilliantline Dichroic

Low-voltage, xenon gas-filled halogen burner with axial filament optically positioned in a glass reflector

Benefits

• Cool beam as a large part of the heat generated is transmitted backwards through the back glass

Features

- High-intensity beam with a clearly defined beam spread
- \cdot Reflector has a light-reflecting, light-transmitting hard dichroic coating
- \cdot Constant high quality and aesthetics maintained over lifetime
- Wide range of 35mm and 50 mm types
- UV-Block front glass
- Excellent colour rendering
- GU5.3 or GU4 base for extra retention in luminaire

Application

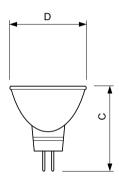
• Ideally suited for accent, task and decorative lighting in shops, stores, hotels, restaurants etc.

Brilliantline Dichroic

Versions



Dimensional drawing



| Product | D (max) | C (max) |
|---|---------|---------|
| Brilliantline Dichroic EC 20W GU4 12V 30D 1CT/10X5F | 35 mm | 40 mm |
| Brilliantline Dichroic EC 35W GU4 12V 30D 1CT/10X5F | 35 mm | 40 mm |

Brilliantline Dichroic

| Approval and Application | |
|---------------------------------------|----------------------|
| Energy Efficiency Label (EEL) | В |
| | |
| 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 s |
| | |
| General Information | |
| Cap-Base | GU4 |
| Nominal Lifetime (Nom) | 4000 h |
| Operating Position | UNIVERSAL |
| Rated Lifetime (Hours) | 4000 h |
| Switching Cycle | 16000X |
| | |
| Luminaire Design Requirements | |
| Bulb Temperature (Max) | 220 °C |
| | |
| Light Technical | |
| Beam Angle (Nom) | 30 ° |
| Correlated Colour Temperature (Nom) | 3000 K |
| Colour Rendering Index (Nom) | 100 |
| Llmf At End Of Nominal Lifetime (Min) | 80 % |
| Rated Beam Angle | 30 ° |
| | |
| Mechanical and Housing | |
| Bulb Finish | Clear (CL) |
| Bulb Shape | MR11 |
| | |

Operating and Electrical

| | | Lamp Current | Power (Rated) |
|------------|---------------------------------------|--------------|---------------|
| Order Code | Full Product Name | (Nom) | (Nom) |
| 59139700 | Brilliantline Dichroic EC 35W GU4 12V | 2.9 A | 35 W |
| | 30D 1CT/10X5F | | |

| | | Lamp Current | Power (Rated) |
|------------|---------------------------------------|--------------|---------------|
| Order Code | Full Product Name | (Nom) | (Nom) |
| 59137300 | Brilliantline Dichroic EC 20W GU4 12V | 1.7 A | 20 W |
| | 30D 1CT/10X5F | | |

Light Technical

| | | Luminous Flux | Luminous |
|------------|-----------------------------------|---------------|-----------------|
| Order Code | Full Product Name | (Rated) (Nom) | Intensity (Max) |
| 59139700 | Brilliantline Dichroic EC 35W GU4 | 430 lm | 1000 cd |
| | 12V 30D 1CT/10X5F | | |

| | | Luminous Flux | Luminous |
|------------|-----------------------------------|---------------|-----------------|
| Order Code | Full Product Name | (Rated) (Nom) | Intensity (Max) |
| 59137300 | Brilliantline Dichroic EC 20W GU4 | 205 lm | 500 cd |
| | 12V 30D 1CT/10X5F | | |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|------------|---|-------------------------------|
| 59139700 | Brilliantline Dichroic EC 35W GU4 12V 30D 1CT/10X5F | 37 kWh |
| 59137300 | Brilliantline Dichroic EC 20W GU4 12V 30D 1CT/10X5F | 21 kWh |

Brilliantline Dichroic



© 2018 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2018, November 29 - data subject to change