



Trusted quality for best performance

Essential LV MR16

The Essential LV MR16 is part of the Philips "Value for Money" ranges. It is a good choice for professional end-users looking for high-quality accent light to create contrast in shops, hotels and restaurants.

Benefits

- Accent light to create the perfect focus on the objects to be lit
- Cool beam to minimize the effects of halogen light on sensitive objects
- Best dimmability to meet different brightness requirements

Features

- Bright sparkling light to create ambient atmosphere.
- Excellent color rendering (Ra=100) to present the true color of objects.
- Instant start to offer direct brightness from the moment switch on.
- No mercury to ensure the safety usage.
- Reliable quality to be trusted.

Application

- Shops, hotels and restaurants

Essential LV MR16

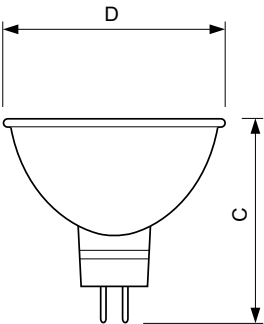
Versions



LPPR HFIGHTER Open



Dimensional drawing



| Product | D (max) | C (max) |
|-----------------------------------------|---------|---------|
| Ess MR16 20W GU5.3 12V 36D 1CT/10X5F | 51 mm | 46 mm |
| Ess MR16 50W GU5.3 12V 36D 1CT/10X5F | 51 mm | 46 mm |
| Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F | 50.7 mm | 46 mm |

| General Information | |
|------------------------------------|---------------|
| Cap-Base | GU5.3 |
| Rated Lifetime (Hours) | 2,000 hour(s) |
| Nominal lifetime | 2,000 hour(s) |
| Operating Position | UNIVERSAL |
| Light Technical | |
| Beam Angle (Nom) | 36 degree(s) |
| Correlated Color Temperature (Nom) | 3000 K |
| Color rendering index (CRI) | 100 |
| Operating and Electrical | |
| Voltage (Nom) | 12 V |
| Starting Time (Nom) | 0.0 s |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb Shape | MR16 |

| General Information | | |
|---------------------|-----------------------------------------|-----------------|
| Order Code | Full Product Name | Switching Cycle |
| 924045517186 | Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F | - |
| 924049517186 | Ess MR16 20W GU5.3 12V 36D 1CT/10X5F | 8,000 |
| 926000850012 | Ess MR16 50W GU5.3 12V 36D 1CT/10X5F | 8,000 |

Operating and Electrical

Essential LV MR16

| Order Code | Full Product Name | Lamp Current (Nom) | Power Consumption |
|--------------|--------------------------------------------|-----------------------|----------------------|
| 924045517186 | Ess MR16 50W GU5.3 12V 36D ON 1CT/10X5F | 4.17 A | 50 W |
| 924049517186 | Ess MR16 20W GU5.3 12V 36D 1CT/10X5F | 1.67 A | 20 W |

| Order Code | Full Product Name | Lamp Current (Nom) | Power Consumption |
|--------------|-----------------------------------------|-----------------------|----------------------|
| 926000850012 | Ess MR16 50W GU5.3 12V 36D 1CT/10X5F | 4.17 A | 50 W |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|--------------|---------------------------------------------|----------------------------------|
| 924045517186 | Ess MR16 50W GU5.3 12V 36D ON 1CT/ 10X5F | - |

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|--------------|--------------------------------------|----------------------------------|
| 924049517186 | Ess MR16 20W GU5.3 12V 36D 1CT/10X5F | - |
| 926000850012 | Ess MR16 50W GU5.3 12V 36D 1CT/10X5F | 53 kWh |

