



# 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

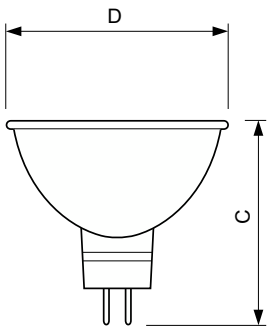


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LPPRI\_HFIGHTER\_Closed.JPG

## Dimensional drawing



| Product                                  | D (max) | C (max) |
|--|---------|---------|
| 20 W GU5.3 cap Warm white Halogen spot   | 51 mm   | 46 mm   |
| 35 W GU5.3 cap Warm white Halogen spot   | 50.7 mm | 46 mm   |
| 35 W GU5.3 cap Warm white Halogen spot   | 51 mm   | 46 mm   |
| 50 W GU5.3 cap Warm white Halogen spot   | 50.7 mm | 46 mm   |
| 50 W GU5.3 cap Warm white Halogen spot   |         |         |
| 50 W GU5.3 cap Warm white Halogen spot   |         |         |
| 50 W GU5.3 cap Warm white Halogen spot   | 51 mm   | 46 mm   |
| 50 W GU5.3 cap Warm white Halogen spot   |         |         |
| ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F | 50.7 mm | 46 mm   |
| ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F | 50.7 mm | 46 mm   |
| ESSPlus MR16 35W GU5.3 12V 60D 6CT/5     | 50.7 mm | 46 mm   |

| General Information         |       |
|-----------------------------|-------|
| Cap-Base                    | GU5.3 |
| Light Technical             |       |
| Color rendering index (CRI) | 100   |
| Operating and Electrical    |       |
| Voltage (Nom)               | 12 V  |
| Starting Time (Nom)         | 0.0 s |
| Mechanical and Housing      |       |
| Bulb Shape                  | MR16  |

## General Information

| Order Code   | Full Product Name                      | Rated            |                 |                  |                    |
|--------------|--|------------------|-----------------|------------------|--------------------|
|              |  | Lifetime (Hours) | Switching Cycle | Nominal lifetime | Operating Position |
| 924045517186 | 50 W GU5.3 cap Warm white Halogen spot | 2,000 hour(s)    | -               | 2,000 hour(s)    | UNIVERSAL          |

| Order Code   | Full Product Name                      | Rated            |                 |                  |                    |
|--------------|--|------------------|-----------------|------------------|--------------------|
|              |  | Lifetime (Hours) | Switching Cycle | Nominal lifetime | Operating Position |
| 924049517186 | 20 W GU5.3 cap Warm white Halogen spot | 2,000 hour(s)    | 8,000           | 2,000 hour(s)    | UNIVERSAL          |

## Essential LV MR16

| Order Code   | Full Product Name | Rated            |                 |                  |                    |
|--------------|-------------------|------------------|-----------------|------------------|--------------------|
|              |                   | Lifetime (Hours) | Switching Cycle | Nominal lifetime | Operating Position |
| 924049617186 | 35 W GU5.3 cap    | 2,000            | 8,000           | 2,000            | UNIVERSAL          |
|              | Warm white        | hour(s)          |                 | hour(s)          |                    |
|              | Halogen spot      |                  |                 |                  |                    |
| 925696817102 | 50 W GU5.3 cap    | -                | -               | 2,000            | -                  |
|              | Warm white        |                  |                 | hour(s)          |                    |
|              | Halogen spot      |                  |                 |                  |                    |
| 925696817104 | 50 W GU5.3 cap    | -                | -               | 3,000            | -                  |
|              | Warm white        |                  |                 | hour(s)          |                    |
|              | Halogen spot      |                  |                 |                  |                    |
| 925696917104 | 50 W GU5.3 cap    | -                | -               | 2,000            | -                  |
|              | Warm white        |                  |                 | hour(s)          |                    |
|              | Halogen spot      |                  |                 |                  |                    |
| 925711917101 | 35 W GU5.3 cap    | 3,000            | -               | 3,000            | UNIVERSAL          |
|              | Warm white        | hour(s)          |                 | hour(s)          |                    |
|              | Halogen spot      |                  |                 |                  |                    |

| Order Code   | Full Product Name | Rated            |                 |                  |                    |
|--------------|-------------------|------------------|-----------------|------------------|--------------------|
|              |                   | Lifetime (Hours) | Switching Cycle | Nominal lifetime | Operating Position |
| 926000850012 | 50 W GU5.3 cap    | 2,000            | 8,000           | 2,000            | UNIVERSAL          |
|              | Warm white        | hour(s)          |                 | hour(s)          |                    |
|              | Halogen spot      |                  |                 |                  |                    |
| 925711817102 | ESSPlus MR16      | 3,000            | -               | 3,000            | UNIVERSAL          |
|              | 35W GU5.3 12V     | hour(s)          |                 | hour(s)          |                    |
|              | 36D 1CT/10x5F     |                  |                 |                  |                    |
| 925711917102 | ESSPlus MR16      | 3,000            | -               | 3,000            | UNIVERSAL          |
|              | 35W GU5.3 12V     | hour(s)          |                 | hour(s)          |                    |
|              | 60D 1CT/10x5F     |                  |                 |                  |                    |
| 925711917104 | ESSPlus MR16      | 3,000            | -               | 3,000            | UNIVERSAL          |
|              | 35W GU5.3 12V     | hour(s)          |                 | hour(s)          |                    |
|              | 60D 6CT/5         |                  |                 |                  |                    |

### Light Technical

| Order Code   | Full Product Name         | Beam Angle (Nom) | Correlated Color  |  |
|--------------|---------------------------|------------------|-------------------|--|
|              |                           |                  | Temperature (Nom) |  |
| 924045517186 | 50 W GU5.3 cap Warm white | 36 degree(s)     | 3000 K            |  |
|              | Halogen spot              |                  |                   |  |
| 924049517186 | 20 W GU5.3 cap Warm white | 36 degree(s)     | 3000 K            |  |
|              | Halogen spot              |                  |                   |  |
| 924049617186 | 35 W GU5.3 cap Warm white | 36 degree(s)     | 3000 K            |  |
|              | Halogen spot              |                  |                   |  |
| 925696817102 | 50 W GU5.3 cap Warm white | 36 degree(s)     | -                 |  |
|              | Halogen spot              |                  |                   |  |
| 925696817104 | 50 W GU5.3 cap Warm white | 36 degree(s)     | -                 |  |
|              | Halogen spot              |                  |                   |  |
| 925696917104 | 50 W GU5.3 cap Warm white | 60 degree(s)     | -                 |  |
|              | Halogen spot              |                  |                   |  |

| Order Code   | Full Product Name          | Beam Angle (Nom) | Correlated Color  |  |
|--------------|----------------------------|------------------|-------------------|--|
|              |                            |                  | Temperature (Nom) |  |
| 925711917101 | 35 W GU5.3 cap Warm white  | 60 degree(s)     | 2700 K            |  |
|              | Halogen spot               |                  |                   |  |
| 926000850012 | 50 W GU5.3 cap Warm white  | 36 degree(s)     | 3000 K            |  |
|              | Halogen spot               |                  |                   |  |
| 925711817102 | ESSPlus MR16 35W GU5.3 12V | 36 degree(s)     | 2700 K            |  |
|              | 36D 1CT/10x5F              |                  |                   |  |
| 925711917102 | ESSPlus MR16 35W GU5.3 12V | 60 degree(s)     | 2700 K            |  |
|              | 60D 1CT/10x5F              |                  |                   |  |
| 925711917104 | ESSPlus MR16 35W GU5.3 12V | 60 degree(s)     | 2700 K            |  |
|              | 60D 6CT/5                  |                  |                   |  |

### Operating and Electrical

| Order Code   | Full Product Name         | Lamp          |                   |
|--------------|---------------------------|---------------|-------------------|
|              |                           | Current (Nom) | Power Consumption |
| 924045517186 | 50 W GU5.3 cap Warm white | 4.17 A        | 50 W              |
|              | Halogen spot              |               |                   |
| 924049517186 | 20 W GU5.3 cap Warm white | 1.67 A        | 20 W              |
|              | Halogen spot              |               |                   |
| 924049617186 | 35 W GU5.3 cap Warm white | 2.92 A        | 35 W              |
|              | Halogen spot              |               |                   |
| 925696817102 | 50 W GU5.3 cap Warm white | 4.17 A        | 50 W              |
|              | Halogen spot              |               |                   |
| 925696817104 | 50 W GU5.3 cap Warm white | 4.17 A        | 50 W              |
|              | Halogen spot              |               |                   |
| 925696917104 | 50 W GU5.3 cap Warm white | -             | 50 W              |
|              | Halogen spot              |               |                   |

| Order Code   | Full Product Name              | Lamp          |                   |
|--------------|--------------------------------|---------------|-------------------|
|              |                                | Current (Nom) | Power Consumption |
| 925711917101 | 35 W GU5.3 cap Warm white      | -             | 35 W              |
|              | Halogen spot                   |               |                   |
| 926000850012 | 50 W GU5.3 cap Warm white      | 4.17 A        | 50 W              |
|              | Halogen spot                   |               |                   |
| 925711817102 | ESSPlus MR16 35W GU5.3 12V 36D | -             | 35 W              |
|              | 1CT/10x5F                      |               |                   |
| 925711917102 | ESSPlus MR16 35W GU5.3 12V     | -             | 35 W              |
|              | 60D 1CT/10x5F                  |               |                   |
| 925711917104 | ESSPlus MR16 35W GU5.3 12V     | -             | 35 W              |
|              | 60D 6CT/5                      |               |                   |

# Essential LV MR16

## Controls and Dimming

| Order Code   | Full Product Name                      | Dimmable |
|--------------|--|----------|
| 924045517186 | 50 W GU5.3 cap Warm white Halogen spot | Yes      |
| 924049517186 | 20 W GU5.3 cap Warm white Halogen spot | Yes      |
| 924049617186 | 35 W GU5.3 cap Warm white Halogen spot | Yes      |
| 925696817102 | 50 W GU5.3 cap Warm white Halogen spot | Yes      |
| 925696817104 | 50 W GU5.3 cap Warm white Halogen spot | Yes      |
| 925696917104 | 50 W GU5.3 cap Warm white Halogen spot | -        |

| Order Code   | Full Product Name                        | Dimmable |
|--------------|--|----------|
| 925711917101 | 35 W GU5.3 cap Warm white Halogen spot   | Yes      |
| 926000850012 | 50 W GU5.3 cap Warm white Halogen spot   | Yes      |
| 925711817102 | ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F | Yes      |
| 925711917102 | ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F | Yes      |
| 925711917104 | ESSPlus MR16 35W GU5.3 12V 60D 6CT/5     | Yes      |

## Approval and Application

| Order Code   | Full Product Name                      | Energy Consumption<br>kWh/1000 h |
|--------------|--|----------------------------------|
| 924045517186 | 50 W GU5.3 cap Warm white Halogen spot | -                                |
| 924049517186 | 20 W GU5.3 cap Warm white Halogen spot | -                                |
| 924049617186 | 35 W GU5.3 cap Warm white Halogen spot | -                                |
| 925696817102 | 50 W GU5.3 cap Warm white Halogen spot | -                                |
| 925696817104 | 50 W GU5.3 cap Warm white Halogen spot | -                                |
| 925696917104 | 50 W GU5.3 cap Warm white Halogen spot | -                                |

| Order Code   | Full Product Name                        | Energy Consumption<br>kWh/1000 h |
|--------------|--|----------------------------------|
| 925711917101 | 35 W GU5.3 cap Warm white Halogen spot   | -                                |
| 926000850012 | 50 W GU5.3 cap Warm white Halogen spot   | 53 kWh                           |
| 925711817102 | ESSPlus MR16 35W GU5.3 12V 36D 1CT/10x5F | -                                |
| 925711917102 | ESSPlus MR16 35W GU5.3 12V 60D 1CT/10x5F | -                                |
| 925711917104 | ESSPlus MR16 35W GU5.3 12V 60D 6CT/5     | -                                |

