



# Long Life MR-16

Long Life ESX 20W GU5.3 12V MR16 10D CL 1CT

Philips Halogen Long Life MR16 lamps make it easy to optimize the look and feel of your brand, your merchandise, and the shoppers experience, with lower operating costs.

## Product data

### • General Characteristics

|                                |                                  |
|--------------------------------|----------------------------------|
| Philips Code                   | 14610                            |
| ANSI Code Halogen              | ESX                              |
| Base                           | GU5.3                            |
| Bulb                           | MR16 [2inch/50mm]                |
| Bulb Finish                    | Clear                            |
| Operating Position             | Universal [Any or Universal (U)] |
| RatedAvgLife(See Family Notes) | 4000 hr                          |
| Nominal Lifetime               | 4000 hr                          |
| Rated Lifetime (hours)         | 4000 hr                          |
| Rated Lifetime (years)         | 4 an                             |

### • Light Technical Characteristics

|                             |               |
|-----------------------------|---------------|
| Beam Angle                  | 10 D          |
| Beam Angle Technical        | 10 D          |
| Approx. MBCP                | 4450 (max) cd |
| Color Rendering Index       | 100 Ra8       |
| Color Temperature           | 3000 K        |
| Color Temperature technical | 3000 K        |
| Rated Luminous Flux         | 236 Lm        |
| LLMF - end nominal lifetime | 80 (min) %    |
| Rated Beam Angle            | 10 D          |
| Luminous flux in 90° cone   | 236 Lm        |

### • Electrical Characteristics

|               |        |
|---------------|--------|
| Rated Wattage | 20.0 W |
| Watts         | 20 W   |

|                                |                    |
|--------------------------------|--------------------|
| Lamp Wattage Technical         | 20.0 W             |
| Power Factor                   | 1 -                |
| Voltage                        | 12 V               |
| Lamp Current                   | 1.7 A              |
| Dimmable                       | Yes                |
| Starting Time                  | 0.0 s              |
| Warm-up Time to 60% Light Outp | instant full light |

### • Environmental Characteristics

|                               |        |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | B      |
| Energy consumption kWh/1000h  | 21 kWh |

### • Measuring Conditions

|                 |        |
|-----------------|--------|
| Switching cycle | 16000X |
|-----------------|--------|

### • Luminaire Design Requirements

|                      |             |
|----------------------|-------------|
| Cap-Base Temperature | 350 (max) C |
| Bulb Temperature     | 250 (max) C |

### • Product Dimensions

|                  |             |
|------------------|-------------|
| Overall Length C | 46 (max) mm |
| Diameter D       | 51 (max) mm |

### • Product Data

|                   |   |
|-------------------|---|
| Product number    | 378141                                      |
| Full product name | Long Life ESX 20W GU5.3 12V MR16 10D CL 1CT |

# PHILIPS

# Long Life MR-16

Short product name 20MRC16/SP10 ESX 50PK  
Pieces per Sku 1  
eop\_pck\_cfg 10X5F  
Skus/Case 50  
Bar code on pack 46677378141  
Bar code on intermediate pack 2005040008922

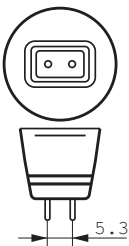
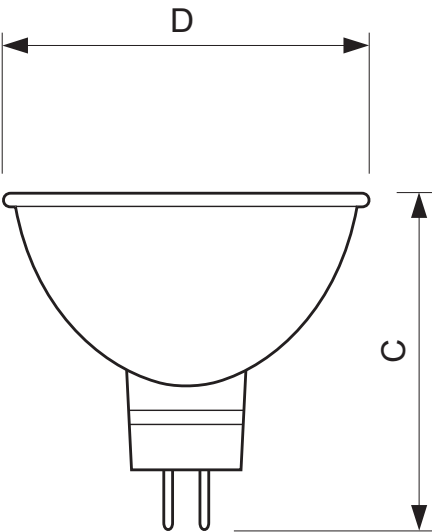
Bar code on case 50046677378146  
Logistics code(s) 924050017130  
tpd\_ilcos\_cd HRGS-20-12-GU5.3-50/10  
eop\_net\_weight\_pp 30.000 gr

## Warnings and Safety

- **CAUTION: THIS LAMP IS PRESSURIZED AND COULD SHATTER** so to avoid injury and to avoid exposure to ultraviolet radiation, this lamp should be used in a fixture that provides a protective shield of

tempered glass. Provide adequate ventilation to ensure that seal temperature does not exceed 350 degrees C and use only in fixtures rated for the wattage stated on this package. To avoid risks of burns or other injury, turn power off and allow lamp to fully cool before attempting to replace. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.

## Dimensional drawing



GU5.3

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| Product                                 | C (Max) | D (Max) |
|---|---------|---------|
| DICHRO Pro 14610 20W GU5.3 12V MR16 10D | 46      | 51      |



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data subject to change