



MASTERLine ES

MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F

MASTER dichroic coated low-voltage halogen reflector lamp with EcoBoost technology. Most energy-efficient dichroic lamp on the market

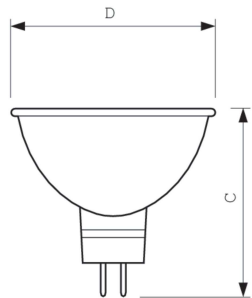
Product data

| General Information | |
|-----------------------------------|----------------------------------|
| Cap base | GU5.3 [GU5.3] |
| Operating position | UNIVERSAL [Any or Universal (U)] |
| Nominal lifetime | 5,000 h |
| Switching Cycle | 20,000 |
| Rated Lifetime (Hours) | 5,000 h |
| Lighting Technology | Halogen |
| Light Technical | |
| Beam angle (nom.) | 60 degree(s) |
| Correlated Colour Temperature | 3000 K |
| Colour rendering index (CRI) | 100 |
| Luminous flux in 90° cone (rated) | 830 lm |
| Operating and Electrical | |
| Power Consumption | 45.0 W |
| Lamp current (nom.) | 3.75 A |
| Starting time (nom.) | 0.0 s |
| Warm-up time to 60% light | Instant full light s |
| Power Factor (Fraction) | 1 |
| Voltage (nom.) | 12 V |
| Voltage (nom.) | 12 V |

| Controls and Dimming | |
|------------------------------------|--|
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb shape | MR16 [2 inch/50 mm] |
| Approval and Application | |
| Energy consumption kWh/1,000 hours | 48 kWh |
| Product Data | |
| Order product name | MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F |
| Full product name | MASTERLine ES 45W GU5.3 12V 60D 1CT/4X5F |
| Full EOC | 871150042447171 |
| Order code | 42447171 |
| Material no. (12 NC) | 924896217101 |
| Local order code | 14591 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8711500424471 |
| Numerator – packs per outer box | 20 |
| EAN/UPC – Case | 8711500410368 |

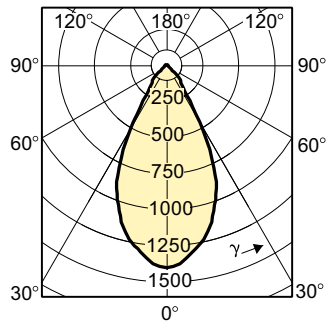
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Dimensional drawing



| Product | D (max) | C1 (max) |
|---------------------------------------|---------|----------|
| MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F | 51 mm | 50.5 mm |

Photometric data



Light Distribution Diagram - MASTERL ES 45W GU5.3 12V 60D 1CT/4X5F

