

## DDL



### Product features and benefits

- Precise filament alignment with patented quartz pinch technology
- OSRAM HLX lamps provide 10% higher luminous efficacy over standard halogen
- Instant on and nearly constant luminous flux over the life of the lamp
- Dimmable

### Areas of application

- Microscopy
- Laboratory & Analysis
- UV Curing
- Fiber Illumination
- Surgical & Dental Overhead
- Club & Disco

## Product datasheet

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### Technical data

#### General product information

|                       |  |
|-----------------------|--|
| Product Number        | 54660  |
| Product Name          | DDL 20V 24/CS 1/SKU  |
| Ordering Abbreviation | DDL  |
| Brand Name            | OSRAM  |
| General Description   | 150 watt, tungsten halogen, low to medium voltage with reflector |
| Application           | Projector - Microfilm  |

#### Electrical data

|                 |       |
|-----------------|-------|
| Nominal Wattage | 150 W |
| Nominal Voltage | 20 V  |
| Type of Current | AC    |

#### Light technical data

|                         |          |
|-------------------------|----------|
| Working Distance a (in) | 7.430 in |
| Working Distance a (mm) | 190.5 mm |
| Color Temperature       | 3150 K   |
| Color Rendering Index   | 100      |
| Average Rated Life      | 500 h    |

#### Physical attributes

|                             |             |
|-----------------------------|-------------|
| Base                        | GX5.3 Bipin |
| Bulb Shape                  | MR16        |
| Maximum Overall Length (in) | 1.689 in    |
| Maximum Overall Length (mm) | 43.3 mm     |
| Length l (in)               | 1.486 in    |
| Length l (mm)               | 38.1 mm     |
| Length l max. (in)          | 1.486 in    |
| Length l max. (mm)          | 38.1 mm     |
| Diameter d (in)             | 2.008 in    |
| Diameter d (mm)             | 51.00 mm    |
| Filament                    | CC-6        |
| Reflector Coating           | WHITE       |

#### Additional product data

|                    |     |
|--------------------|-----|
| Operating Position | Any |
|--------------------|-----|

## Product datasheet

|  |         |
|--|---------|
| <b>Total surface inside 1: appearance (cold)</b> | Clear   |
| <b>Class</b>                                     | C (gas) |
| <b>Lamp Type</b>                                 | MR16    |

### Packaging Information

| Product number | EAN/UPC       | Packaging           | Quantity | Outside dimensions l x w x h | Gross weight |
|----------------|---------------|---------------------|----------|------------------------------|--------------|
| 54660          | 4052899565388 | Folding box (SKU)   | 1        | 1.7 in x 1.7 in x 2.2 in     | 0.1 lb       |
| 54660          | 4052899565395 | SHIPPING BOX (Case) | 24       | 7.8 in x 6 in x 5.5 in       | 2 lb         |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Disclaimer

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