



# Product Description

## MASTER TL-D Food

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

### Benefits

- Makes the appearance of food more tasty:
- Colour /79: makes the appearance of meat, meat products and poultry more tasty
- Colour /78: makes the appearance of bread, cake and pastry more tasty
- Colour /77: makes the appearance of meat, meat products and poultry more tasty

### Features

- Spectral distribution optimal tuned to provide a good appearance of food:
- Colour /79: without having a red appearance themselves, the /79 lamps emphasize deep red colours such as those of meat and poultry
- Colour /78: without having a yellowish appearance themselves, the /78 lamps emphasize yellow colours such as those of bread, cake and pastry
- Colour /77: emphasize the deep red colours of meat to the maximum (even more than colour /79)
- Direct retrofit for all standard and Super 80 TL-D lamps operating on conventional or electronic gear

### Application

- Food illumination (butcher shops, bakeries, supermarkets etc.)

### Warnings and Safety

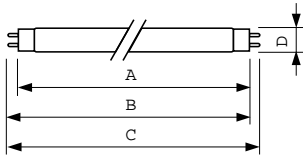
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

# MASTER TL-D Food

## Versions



## Dimensional drawing



| Product                           | D (max) | A (max)   | B (max)   | B (min)   | C (max)   |
|-----------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D Food<br>18W/79 SLV/25 | 28 mm   | 589.8 mm  | 596.9 mm  | 594.5 mm  | 604 mm    |
| MASTER TL-D Food<br>36W/79 SLV/25 | 28 mm   | 1199.4 mm | 1206.5 mm | 1204.1 mm | 1213.6 mm |

### Approval and Application

|                            |        |
|----------------------------|--------|
| Mercury (Hg) Content (Nom) | 5.0 mg |
|----------------------------|--------|

### Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### General Information

|                                    |         |
|------------------------------------|---------|
| Cap-Base                           | G13     |
| Life To 50% Failures Preheat (Nom) | 20000 h |
| Life To 50% Failures (Nom)         | 15000 h |

### Light Technical

|                                     |        |
|-------------------------------------|--------|
| Colour Code                         | 79     |
| Colour Designation                  | Food   |
| Correlated Colour Temperature (Nom) | 3800 K |
| Colour Rendering Index (Nom)        | 74     |
| Lumen Maintenance 2000 h (Nom)      | 90 %   |
| Lumen Maintenance 5000 h (Nom)      | 85 %   |

### Mechanical and Housing

|            |    |
|------------|----|
| Bulb Shape | T8 |
|------------|----|

### Approval and Application

| Order Code   | Full Product Name              | Energy Consumption kWh/1000 h |
|--------------|--------------------------------|-------------------------------|
| 928048002043 | MASTER TL-D Food 18W/79 SLV/25 | 23 kWh                        |
| 928048502043 | MASTER TL-D Food 36W/79 SLV/25 | 43 kWh                        |

## Operating and Electrical

## MASTER TL-D Food

| Order Code   | Full Product Name              | Lamp Current (Nom) | Voltage (Nom) | Power (Rated) (Nom) |
|--------------|--------------------------------|--------------------|---------------|---------------------|
| 928048002043 | MASTER TL-D Food 18W/79 SLV/25 | 0.360 A            | 59 V          | 18.0 W              |

| Order Code   | Full Product Name              | Lamp Current (Nom) | Voltage (Nom) | Power (Rated) (Nom) |
|--------------|--------------------------------|--------------------|---------------|---------------------|
| 928048502043 | MASTER TL-D Food 36W/79 SLV/25 | 0.440 A            | 103 V         | 36.0 W              |

### Light Technical

| Order Code   | Full Product Name              | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) |
|--------------|--------------------------------|---------------------------------|---------------------|
| 928048002043 | MASTER TL-D Food 18W/79 SLV/25 | 41 lm/W                         | 740 lm              |

| Order Code   | Full Product Name              | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) |
|--------------|--------------------------------|---------------------------------|---------------------|
| 928048502043 | MASTER TL-D Food 36W/79 SLV/25 | 49 lm/W                         | 1750 lm             |

