



Product Description

MASTER TL5 Circular

16 mm tube diameter circular fluorescent lamps with a choice of various diameters

Benefits

- Slim 16 mm tube allows creation of extremely flat luminaires
- Allows appealing circular designs
- High lamp efficacy
- Good colour rendering
- Temperature independent light output
- Higher average system efficiency

Features

- Perfect circular shape
- Highly efficient 3-band fluorescent coating
- Specifically designed for operation with electronic gear
- Can be ignited from -15 to +50 °C
- Amalgam technology

Application

- Brings the benefits of TL5 lighting to an even wider range of attractive applications
- Suitable for a wide range of professional and semi-professional applications
- Ideal for use in shops, offices and public areas with non-traditional lay-outs
- Amalgam lamps are limited suitable for dimming applications

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.

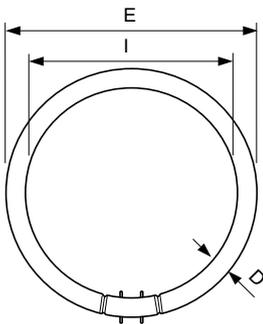
MASTER TL5 Circular

Versions



LPPR TL5-C8

Dimensional drawing



| Product | D (max) | D (min) | E (min) | E (max) | I (min) | I (max) |
|------------------------------------|---------|---------|---------|---------|---------|---------|
| MASTER TL5 Circular 22W/840 1CT/10 | 18 mm | 14 mm | 220 mm | 230 mm | 187 mm | 197 mm |
| MASTER TL5 Circular 40W/830 1CT/10 | 18 mm | 14 mm | 293 mm | 305 mm | 260 mm | 272 mm |
| MASTER TL5 Circular 40W/840 1CT/10 | 18 mm | 14 mm | 293 mm | 305 mm | 260 mm | 272 mm |
| MASTER TL5 Circular 55W/840 1CT/10 | 18 mm | 14 mm | 293 mm | 305 mm | 260 mm | 272 mm |

| General Information | |
|-----------------------------|-------|
| Cap-Base | 2GX13 |
| Light Technical | |
| Color rendering index (CRI) | 81 |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb Shape | C-T5 |
| Approval and Application | |
| Mercury (Hg) Content (Max) | 4 mg |
| Mercury (Hg) Content (Nom) | 4 mg |

General Information

| Order Code | Full Product Name | Nominal lifetime |
|--------------|------------------------------------|------------------|
| 927965084013 | MASTER TL5 Circular 22W/840 1CT/10 | 12,000 h |
| 927965583013 | MASTER TL5 Circular 40W/830 1CT/10 | - |

| Order Code | Full Product Name | Nominal lifetime |
|--------------|------------------------------------|------------------|
| 927965584013 | MASTER TL5 Circular 40W/840 1CT/10 | - |
| 927965784013 | MASTER TL5 Circular 55W/840 1CT/10 | 12,000 h |

Light Technical

MASTER TL5 Circular

| Order Code | Full Product Name | Chromaticity | | Color Designation | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|---------------------------------------|--------------------|--------------------|-------------------|------------------------------------|---------------------------------|---------------|
| | | Coordinate X (Nom) | Coordinate Y (Nom) | | | | |
| 927965084013 | MASTER TL5 Circular 22W/840 1CT/10 | 0.38 | 0.38 | Cool White (CW) | 4000 K | 82 lm/W | 1,800 lm |
| 927965583013 | MASTER TL5 Circular 40W/830 1CT/10 | 0.44 | 0.403 | Warm White (WW) | 3000 K | 83 lm/W | 3,300 lm |
| 927965584013 | MASTER TL5 Circular 40W/840 1CT/10 | 0.38 | 0.38 | Cool White (CW) | 4000 K | 83 lm/W | 3,300 lm |
| 927965784013 | MASTER TL5 Circular 55W/840 1CT/10 | 0.38 | 0.38 | Cool White (CW) | 4000 K | 76 lm/W | 4,210 lm |

Operating and Electrical

| Order Code | Full Product Name | Lamp Current | | Order Code | Full Product Name | Lamp Current | |
|--------------|---------------------------------------|--------------|-------------------|--------------|---------------------------------------|--------------|-------------------|
| | | (Nom) | Power Consumption | | | (Nom) | Power Consumption |
| 927965084013 | MASTER TL5 Circular 22W/840 1CT/10 | 0.300 A | 23.5 W | 927965584013 | MASTER TL5 Circular 40W/840 1CT/10 | 0.320 A | 40.5 W |
| 927965583013 | MASTER TL5 Circular 40W/830 1CT/10 | 0.320 A | 40.5 W | 927965784013 | MASTER TL5 Circular 55W/840 1CT/10 | 0.550 A | 55.7 W |

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/ | | Order Code | Full Product Name | Energy Consumption kWh/ | |
|--------------|------------------------------------|-------------------------|--|--------------|------------------------------------|-------------------------|--|
| | | 1000 h | | | | 1000 h | |
| 927965084013 | MASTER TL5 Circular 22W/840 1CT/10 | 24 kWh | | 927965584013 | MASTER TL5 Circular 40W/840 1CT/10 | 41 kWh | |
| 927965583013 | MASTER TL5 Circular 40W/830 1CT/10 | 41 kWh | | 927965784013 | MASTER TL5 Circular 55W/840 1CT/10 | 56 kWh | |

