



Extended design possibilities

MASTER TL5 Circular

This circular TL5 lamp (tube diameter 16 mm) offers extended design possibilities. The slim tube allows the creation of extremely flat luminaires and enables omnidirectional light distribution. It is suitable for a wide range of professional and semi-professional applications, and is ideal for use in shops, offices and public areas with unconventional layouts.

Benefits

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

Features

- Perfect circular shape
- Highly efficient 3-band fluorescent coating
- Specifically designed for operation with electronic gear
- Amalgam technology (55 and 60W only)

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 55W and 60W are limited suitable for dimming applications

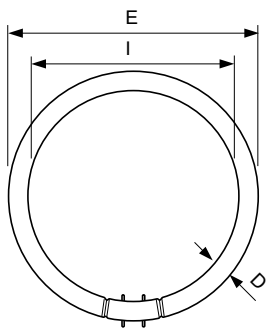
MASTER TL5 Circular

Versions



C-T5 2GX13

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 60W/840 1CT/10 | 18 mm | 14 mm | 367 mm | 379 mm | 334 mm | 346 mm |
| MASTER TL5 Circular 55W/840 1CT/10 | 18 mm | 14 mm | 293 mm | 305 mm | 260 mm | 272 mm |

MASTER TL5 Circular

Approval and Application

| | |
|-------------------------------|--------|
| Energy Efficiency Label (EEL) | A |
| Mercury (Hg) Content (Nom) | 2.5 mg |

Controls and Dimming

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

General Information

| | |
|------------------------------------|---------|
| Cap-Base | 2GX13 |
| Life To 50% Failures Preheat (Nom) | 12000 h |
| LSF Preheat 16000 h Rated | 10 % |
| LSF Preheat 20000 h Rated | 1 % |
| LSF Preheat 2000 h Rated | 99 % |
| LSF Preheat 4000 h Rated | 99 % |
| LSF Preheat 6000 h Rated | 96 % |
| LSF Preheat 8000 h Rated | 89 % |

Light Technical

| | |
|-----------------------------|-----------------|
| Color Code | 841 |
| Color Designation | Cool White (CW) |
| Color Rendering Index (Max) | 85 |
| Color Rendering Index (Min) | 80 |
| Color Rendering Index (Nom) | 85 |
| LLMF 12000 h Rated | 77 % |
| LLMF 16000 h Rated | 74 % |
| LLMF 2000 h Rated | 91 % |
| LLMF 20000 h Rated | 72 % |
| LLMF 4000 h Rated | 87 % |
| LLMF 6000 h Rated | 84 % |
| LLMF 8000 h Rated | 81 % |

Mechanical and Housing

| | |
|------------|------|
| Bulb Shape | C-T5 |
|------------|------|

Temperature

| | |
|--------------------------|-------|
| Design Temperature (Nom) | 35 °C |
|--------------------------|-------|

Approval and Application

| Order Code | Full Product Name | Energy Consumption kWh/1000 h |
|--------------|------------------------------------|-------------------------------|
| 927965084013 | MASTER TL5 Circular 22W/840 1CT/10 | 25 kWh |
| 927965784013 | MASTER TL5 Circular 55W/840 1CT/10 | 61 kWh |
| 927966084013 | MASTER TL5 Circular 60W/840 1CT/10 | 66 kWh |

Operating and Electrical

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|--------------|------------------------------------|--------------------|---------------------|
| 927965084013 | MASTER TL5 Circular 22W/840 1CT/10 | 0.300 A | 22.3 W |
| 927965784013 | MASTER TL5 Circular 55W/840 1CT/10 | 0.550 A | 55.0 W |

| Order Code | Full Product Name | Lamp Current (Nom) | Power (Rated) (Nom) |
|--------------|------------------------------------|--------------------|---------------------|
| 927966084013 | MASTER TL5 Circular 60W/840 1CT/10 | 0.470 A | 60.0 W |

Light Technical

MASTER TL5 Circular

| Order Code | Full Product Name | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) | Luminous Flux (Rated) (Nom) |
|--------------|---|------------------------------------|---------------------------------|---------------------|-----------------------------|
| 927965084013 | MASTER TL5 Circular 22W/840 1CT/10 | 4000 K | 82 lm/W | 1800 lm | 1800 lm |
| 927965784013 | MASTER TL5 Circular | 4100 K | 76 lm/W | 4200 lm | 4200 lm |

| Order Code | Full Product Name | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) | Luminous Flux (Rated) (Nom) |
|--------------|---|------------------------------------|---------------------------------|---------------------|-----------------------------|
| | 55W/840 1CT/10 | | | | |
| 927966084013 | MASTER TL5 Circular 60W/840 1CT/10 | 4000 K | 83 lm/W | 5000 lm | 5000 lm |

