



Perfect sparkle, mini design

MASTERColour CDM-Tm Elite Mini

Mini, single-ended, very high-efficiency, long-life Ceramic Metal Halide discharge lamp producing crisp white sparkling light with high color rendering

Benefits

- High-intensity beam of crisp white sparkling light makes merchandise look irresistible
- Lowest Total Cost of Ownership as a result of high efficacy (same light, less energy or same energy, more light) and long life
- Fits in small luminaires which are less visible

Features

- Crisp white sparkling light
- Excellent color rendering, with extra red
- High efficacy with unparalleled lumen maintenance
- Stable color performance over lifetime
- Mini size

Application

- Accent and display lighting in retail
- General and decorative indoor lighting
- Outdoor area lighting

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Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear
- For 50W use with Philips electronic gear only
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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.

Versions



MASTERColour CDM-Tm /830, /
930, /942 GU6.5

Dimensional drawing

D

| Product | D (max) | D | O | L (min) | L (max) | L | C (max) |
|---|---------|--------|--------|---------|---------|-------|---------|
| MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT | 13.3 mm | 0.5 in | 4.7 mm | 28 mm | 32 mm | 30 mm | 56.7 mm |
| MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT | 13.3 mm | 0.5 in | 3.4 mm | 28 mm | 32 mm | 30 mm | 56.7 mm |

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Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Operating and Electrical

| | |
|------------------------------|--------|
| Re-ignition Time (Min) (Max) | 15 min |
|------------------------------|--------|

General Information

| | |
|----------------------------|-----------|
| Cap-Base | GU6.5 |
| Life To 10% Failures (Nom) | 14000 h |
| Life To 20% Failures (Nom) | 16000 h |
| Life To 50% Failures (Nom) | 20000 h |
| Life To 5% Failures (Nom) | 12000 h |
| Operating Position | UNIVERSAL |

Light Technical

| | |
|------------------------------------|-----------------|
| Chromaticity Coordinate X (Nom) | 0.434 |
| Chromaticity Coordinate Y (Nom) | 0.398 |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 3000 K |

Mechanical and Housing

| | |
|-------------|-------|
| Bulb Finish | Clear |
|-------------|-------|

Approval and Application

| Order Code | Full Product Name | Energy Consumption | Mercury (Hg) | Mercury (Hg) |
|--------------|---|--------------------|---------------|---------------|
| | | kWh/1000 h | Content (Max) | Content (Nom) |
| 928183505130 | MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT | 21 kWh | 3.5 mg | 3.5 mg |
| 928187405130 | MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT | 40 kWh | 4.7 mg | 4.7 mg |

Operating and Electrical

| Order Code | Full Product Name | Voltage (Max) | Voltage (Min) | Voltage (Nom) | Power |
|--------------|---|------------------|------------------|------------------|------------------|
| | | | | | (Rated) (Nom) |
| 928183505130 | MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT | 100 V | 90 V | 95 V | 20.1 W |

| Order Code | Full Product Name | Voltage (Max) | Voltage (Min) | Voltage (Nom) | Power |
|--------------|---|------------------|------------------|------------------|------------------|
| | | | | | (Rated) (Nom) |
| 928187405130 | MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT | 95 V | 79 V | 87 V | 39.1 W |

Luminaire Design Requirements

| Order Code | Full Product Name | Bulb Temperature |
|--------------|---|------------------|
| | | (Max) |
| 928183505130 | MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT | 380 °C |

| Order Code | Full Product Name | Bulb Temperature |
|--------------|---|------------------|
| | | (Max) |
| 928187405130 | MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT | 450 °C |

Light Technical (1/2)

| Order Code | Full Product Name | Color Code | Color Rendering Index (Min) | Color Rendering Index (Nom) | Lumen |
|--------------|--|---------------|-----------------------------------|-----------------------------------|-----------------------------|
| | | | | | Maintenance 1000 h (Nom) |
| 928183505130 | MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT | 830 | 81 | 84 | 91 % |

| Order Code | Full Product Name | Color Code | Color Rendering Index (Min) | Color Rendering Index (Nom) | Lumen |
|--------------|--|---------------|-----------------------------------|-----------------------------------|-----------------------------|
| | | | | | Maintenance 1000 h (Nom) |
| 928187405130 | MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT | 930 | 87 | 90 | 95 % |

Light Technical (2/2)

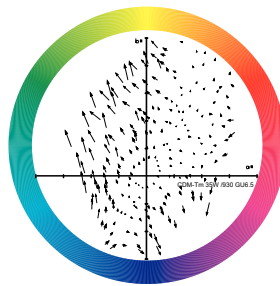
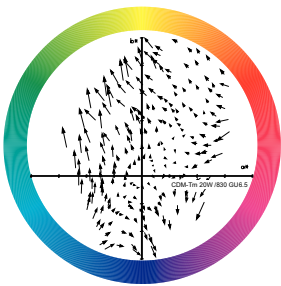
MASTERColour CDM-Tm Elite Mini

| Order Code | Full Product Name | Lumen | Lumen | Lumen | Lumen | Lumen | Luminous | Luminous | Luminous | Luminous |
|--------------|---|---------------|---------------|--------------|--------------|--------------|----------|----------|----------|----------|
| | | Maintenance | Maintenance | Maintenance | Maintenance | Maintenance | Efficacy | | | |
| | | 10000 h (Nom) | 12000 h (Nom) | 2000 h (Nom) | 4000 h (Nom) | 5000 h (Nom) | (rated) | (Nom) | (Min) | (Nom) |
| 928183505130 | MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT | 78 % | 77 % | 87 % | 84 % | 83 % | 90 lm/W | 1800 lm | 1620 lm | 1800 lm |
| 928187405130 | MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT | - | 80 % | 93 % | 90 % | - | 102 lm/W | 4000 lm | 3600 lm | 4000 lm |

Mechanical and Housing

| Order Code | Full Product Name | Bulb Shape | Order Code | Full Product Name | Bulb Shape |
|--------------|--|------------|--------------|--|------------|
| 928183505130 | MASTERColour CDM-Tm Elite Mini 20W/830 GU6.5 1CT | T-4 | 928187405130 | MASTERColour CDM-Tm Elite Mini 35W/930 GU6.5 1CT | T13.3 |

Color Rendering Diagrams



LDCR_CDM-Tm_35W_930_GU65-Colour rendering diagram

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