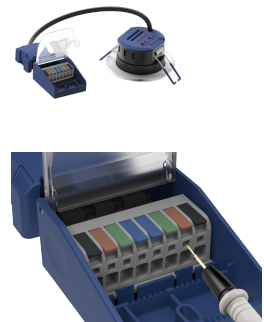


Mauna 3

08637 MAU306

Mauna 3 fire-rated Downlight 4/6W CCT switchable

- High efficiency up to 132lm/W
- Optional add-on emergency kits, available in standard and self-test
- Switchable wattage and CCT (3000/4000/6000k)
- Optional PIR sensors compatible with Uni-Remote
- Integrated dimmable driver
- Interchangeable magnetic bezels with different finishes
- Can be installed under insulation layer with void of 40mm
- Compact size
- Plug-in push wire terminal
- 5 multipack available



Overview

The Kosnic Mauna 4W/6W Dimmable Fire Rated Downlights are suitable for 30, 60 and 90 minute applications and may be installed under insulation. Can be dimmed with mains dimmer switches and have a choice of interchangeable magnetic bezels with different finishes. The white bezel is supplied as standard.



General Information

| | |
|--------------------------------|---------------|
| Ambient Temperature Range (°C) | -30°C to 50°C |
| IK Rating | IK07 |
| IP Rating | IP65 |
| Protection Rating | Class I |
| Installation Area | Internal |
| L80B10 Lifetime (h) @Ta 25 °C | 76,000 h |

Compliance

| | |
|--------|---|
| LVD | EN 60598-1:2024, EN 60598-2-2:2012, EN 62471:2008, EN 62493:2015+A1:2022 |
| EMC | EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023 |
| Others | UKCA, CE, RoHS, WEEE |

Technical Summary

| | |
|------------------------------------|---|
| Product Code | MAU306 |
| Input Voltage Supply | 220-240Vac 50/60Hz |
| Inrush Current (peak/duration) (A) | 1.05A / 40µs |
| Fire Rating | 30m I Joist, 60m I Joist, 90m Solid Joist |
| Settable Wattages | 4W, 6W |
| Driver Code/Part number | 5RS473-D |
| Driver Maximum Power (W) | 6.6 |
| Driver Output Current (mA) | 13 (4W) 19 (6W) |
| Power Factor | 0.7 |
| Driver Power Factor | >0.7 |
| Settable Colour Temperatures | 3000K, 4000K, 6000K |
| SDCM of CCT | <6 |
| CRI | 80 |
| Dimmable | Y |
| Flicker | <1% |
| Lumens Output Maximum | 710 lm |
| L70B50 Lifetime (h) @Ta 25 °C | 121,000 h |
| L80B10 Lifetime (h) @Ta 25 °C | 76,000 h |
| L90B10 Lifetime (h) @Ta 25 °C | 37,000 h |
| Nominal Lifetime (h) | 50,000 h |
| Glow wire temperature(°C) | 650 |
| Blue Light Hazard | RG1 |
| Weight | 0.22Kg |
| Dimensions (L x W x D) (mm) | 43xØ88 |
| Cut-Out (mm) | 68 |
| Ceiling Void (mm) | 40 mm |
| Beam Angle - Lumi (°) | 65 |
| LS Energy Efficiency Class | F |

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Mauna 3

08637 MAU306

Optional Gear

| Product Code | Description | Type |
|--------------|---|------------------|
| EMPAD01 | Neka Emergency Downlight kit 2.5W Manual test | Emergency Module |
| EMPAD01/SST | Neka Duo Emergency Downlight kit 2.5W Manual & Self-test | Emergency Kit |
| MAUPIR | Mauna fire rated recessed PIR ON/OFF sensor | PIR Sensor |
| MAUPIR/D | Mauna fire rated PIR sensor phase-cut dim output | PIR Sensor |
| RMT-UNI | Universal Remote Control for Kosnic motion sensors | Remote Control |
| CYDIMRFT1 | RF controlled triac dimmer | Dimmable Driver |

Accessories

| Product Code | Description | Type |
|--------------|---|-------|
| MAUBZ-BAS | Mauna Round Magnetic bezel Brass | Bezel |
| MAUBZ-ABR | Mauna Round Magnetic bezel Antique brass | Bezel |
| MAUBZ-BLK | Mauna Round Magnetic bezel Black | Bezel |
| MAUBZ-WHT | Mauna Round Magnetic bezel White | Bezel |
| MAUBZ-CHM | Mauna Round Magnetic bezel Polished chrome | Bezel |
| MAUBZ-BBR | Mauna Round Magnetic bezel Brushed Brass | Bezel |
| MAUBZ-BNI | Mauna Round Magnetic bezel Black Nickel | Bezel |
| MAUBZ-AGR | Mauna Round Magnetic bezel Anthracite Grey | Bezel |
| MAUBZ-SBAS | Mauna Square Magnetic bezel, Brass | Bezel |
| MAUBZ-SABR | Mauna Square Magnetic bezel Antique Brass | Bezel |
| MAUBZ-SBLK | Mauna Square Magnetic bezel, Black | Bezel |
| MAUBZ-SWHT | Mauna Square Magnetic bezel, White | Bezel |
| MAUBZ-SCH | Mauna Round Magnetic bezel Satin Chrome | Bezel |
| MAUBZ-SSCH | Mauna Square Magnetic bezel, Satin Chrome | Bezel |

Overview

The Kosnic Mauna 4W/6W

Dimmable Fire Rated Downlights are suitable for 30, 60 and 90 minute applications and may be installed under insulation. Can be dimmed with mains dimmer switches and have a choice of interchangeable magnetic bezels with different finishes. The white bezel is supplied as standard.



IP65



General Information

| | |
|--------------------------------|---------------|
| Ambient Temperature Range (°C) | -30°C to 50°C |
| IK Rating | IK07 |
| IP Rating | IP65 |
| Nominal Lifetime (h) | 50,000 h |
| Protection Rating | Class I |
| Installation Area | Internal |

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Mauna 3

08637 MAU306

Overview

The Kosnic Mauna 4W/6W Dimmable Fire Rated Downlights are suitable for 30, 60 and 90 minute applications and may be installed under insulation. Can be dimmed with mains dimmer switches and have a choice of interchangeable magnetic bezels with different finishes. The white bezel is supplied as standard.

| Power (W) | Current (mA) | CCT (K) | Energy Class | Lumen (lm) |
|-----------|--------------|-------------------|--------------|------------|
| 4 | 25 | 3000 (Warm White) | F | 510 |
| 4 | 25 | 4000 (Cool White) | E | 530 |
| 4 | 25 | 6000 (Day Light) | E | 530 |
| 6 | 37 | 3000 (Warm White) | F | 670 |
| 6 | 37 | 4000 (Cool White) | F | 710 |
| 6 | 37 | 6000 (Day Light) | F | 710 |

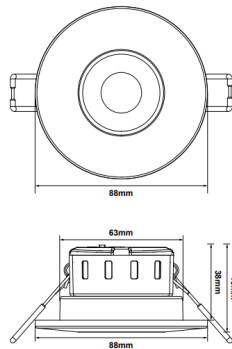


IP65



General Information

| | |
|--------------------------------|---------------|
| Ambient Temperature Range (°C) | -30°C to 50°C |
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| Nominal Lifetime (h) | 50,000 h |
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