



Certificate of Conformity

| Certificate num. | Registration date | Version | Valid until | |
|-------------------|-------------------|-------------|---------------------------|-------------|
| afp - 3888 | 27-Mar-2024 | Number 4 | Issue date 13-Apr-2026 | 30-Apr-2027 |

Product designation

Brilliant Lighting, Model 22653/05, 240 Vac powered with 3 Vdc 10-year non-replaceable back-up battery, silencing/hush facility, wired and wireless interconnectable, photoelectric smoke alarms

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Brilliant Lighting
956 Stud Road, Rowville, VIC, AUSTRALIA, 3178

Registrant

Anka Sci-tech Co., Limited
602, Floor 6, Building 15, Longbi Industrial area, No. 27, Dafa Road, Bantian Street, LONGGANG DISTRICT, SHENZHEN, GUANGDONG, CHINA, 518129

Producer

Anka Sci-tech Co., Limited
602, Floor 6, Building 15, Longbi Industrial area, No. 27, Dafa Road, Bantian Street, LONGGANG DISTRICT, SHENZHEN, GUANGDONG, CHINA, 518129

Conformance criteria and evaluation

The Brilliant Lighting, Model 22653/05, 240 Vac powered with 3 Vdc 10-year non-replaceable back-up battery, silencing/hush facility, wired and wireless interconnectable, photoelectric smoke alarms has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 3786:2014, 'Smoke alarms using scattered light, transmitted light or ionization' incl. Amdt 1 (27 August 2015) / Amdt 2 (30 October 2018).

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kaj Loh
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

| | | | | |
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Producer's description

The Brilliant Lighting, Model 22653/05, 240 Vac powered with 3 Vdc 10-year non-replaceable back-up battery, silencing/hush facility, wired and wireless interconnectable, photoelectric smoke alarm is an externally energized photoelectric smoke alarm. The smoke alarm's primary power supply is an external 240 Vac supply. The smoke alarm includes a standby power supply from a 3 Vdc 10-year lithium battery which is not user-replaceable.

The Brilliant Model 22653/05 Wired & Wireless Interconnectable Photoelectric Smoke Alarm senses smoke using the photoelectric principle. An electric buzzer/horn provides an audible alarm signal when the smoke alarm senses smoke which exceeds a pre-determined level. When the smoke level drops below the alarm level, the buzzer/horn is de-energized.

A self-test facility is provided by means of a button. If the button is depressed an alarm signal is emitted. The Brilliant Model 22653/05 Wired & Wireless Interconnectable Photoelectric Smoke Alarm also incorporates a 'silence button' feature. According to the manufacturer's instructions, pressing the hush button reduces the smoke sensitivity for approximately 10 minutes.

The Brilliant Model 22653/05 Wired & Wireless Interconnectable Photoelectric Smoke Alarm is fitted with wired and wireless communication interface. It can interconnect up to a maximum of 22 devices (wired or wirelessly).

Technical specification

The following details are a representative extract of the technical specification for the Brilliant Lighting, Model 22653/05, 240 Vac powered with 3 Vdc 10-year non-replaceable back-up battery, silencing/hush facility, wired and wireless interconnectable, photoelectric smoke alarms and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

| Variant | | Description | Base type |
|---------|----------|--|---------------------|
| Type | Ident. | | |
| Model | 22653/05 | 240 Vac powered with 3 Vdc 10-year non-replaceable back-up battery, silencing/hush facility, wired and wireless interconnectable, photoelectric smoke alarm. | Plain mounting base |

Schedule of properties/characteristics

The following schedule is an extract of physical and operational properties/characteristics of the certified/listed equipment.

| | |
|---------------------|--|
| Sensing type: | Photoelectric (Type A) |
| Main power source: | 240 Vac mains |
| Standby power: | 3 Vdc lithium battery (not replaceable and not rechargeable) |
| Alarm sound level: | > 85 dB(A) at 3 meters. |
| Hush time: | approx. 10 minutes |
| Interconnectivity: | Wired and wireless up to 22 detectors. |
| Alarm condition: | ISO 8201 |
| Software version: | V1.0 |
| Silencing function: | Yes |
| Temperature range: | 10 °C to 50 °C |
| RF Frequency Range: | 433 MHz |
| Relative humidity: | ≤93% RH |
| Mounting: | Wall and ceiling |

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Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

| Reference | | Title / description | Date issued (or date validated) | Source |
|-------------|---|---|------------------------------------|--|
| Ident. type | Ident. | | | |
| Report | CSBA0123/R1 | Evaluation for Conformity of the Brilliant Model 22653/05 Wired & Wireless Interconnectable Photoelectric Smoke Alarm to the requirements of AS 3786:2014 +A1:2015 +A2:2018 | 22-Mar-2024 | CSIRO, Fire Systems Laboratory, AU |
| Document | AJ-960SI4A 240v interconnected manual.pdf | Brilliant 240V AC POWER PHOTOELECTRIC WIRED & WIRELESS INTERCONNECT SMOKE ALARM -022653/05 (240v Smoke Alarm manual.pdf) | 3-Aug-2023 | Brilliant Lighting (Aust) Pty. Ltd., VIC, AU |