



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3738	25-Nov-2022	Number 6	Issue date 13-Apr-2026	30-Apr-2027

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Product designation

Brilliant Lighting, Models 21926/05 Interconnect Life and 21927/05 Smart Interconnect Life, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, 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, Models 21926/05 Interconnect Life and 21927/05 Smart Interconnect Life, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, 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.

- i. Conformity of the "BrilliantSmart" application, as described in WIRELESS RF INTERCONNECT SMOKE ALARM With Smart WiFi Mounting Base instruction manual, is not included within the scope of this certification.

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



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Producer's description

The Brilliant Model 21926/05 Wireless Interconnect and Brilliant Smart Model 21927/05 WiFi Interconnect Photoelectric Smoke Alarms are low profile, circular styled, 3V self-contained smoke alarms intended for use in residential dwellings. The battery is not user replaceable.

The Brilliant Model 21926/05 Wireless Interconnect and Brilliant Smart Model 21927/05 WiFi Interconnect Photoelectric Smoke Alarms sense 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 21926/05 Wireless Interconnect and Brilliant Smart Model 21927/05 WiFi Interconnect Photoelectric Smoke Alarms also incorporates a 'silence button' feature. According to the manufacturer's instructions, pressing the hush button reduces the smoke sensitivity for approximately 10 minutes, at which time the smoke alarm automatically returns to normal operation.

The bottom mounting base of the Brilliant Model 21926/05 Wireless Interconnect Photoelectric Smoke Alarm is a plain mounting base only. The Brilliant Smart Model 21927/05 Interconnect Photoelectric Smoke Alarm's bottom mounting base provides Wi-Fi functions.

The Brilliant Model 21926/05 Wireless Interconnect and Brilliant Smart Model 21927/05 Wi-Fi Interconnect Photoelectric Smoke Alarms can interconnect up to a maximum of 22 devices (wirelessly).

Technical specification

The following details are a representative extract of the technical specification for the Brilliant Lighting, Models 21926/05 Interconnect Life and 21927/05 Smart Interconnect Life, 10 year sealed (non-replaceable) lithium battery powered, silencing/hush facility, 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	21926/05	Wireless interconnectable, photoelectric smoke alarm	Plain mounting base
	21927/05		Wi-Fi Smart 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:	Built-in 3 Vdc (CR123A) Lithium battery Battery not user replaceable
Alarm sound level:	> 85 dB(A) at 3 meters.
Hush time:	approx. 10 minutes
Interconnectivity:	Wireless up to 22 detectors
Alarm condition:	ISO 7731
Software version:	V1.0
Silencing function:	Yes
Temperature range:	5 °C to 40 °C
RF Frequency Range	433 MHz
Relative humidity	≤95% RH
Dimensions:	Ø110 mm × 42 mm (h)

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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	XF3581/R3	Evaluation for Conformity of the Brilliant Model 21926/05 Wireless Interconnect and Brilliant Smart Model 21927/05 WiFi Interconnect Photoelectric Smoke Alarms to the requirements of AS 3786:2014 +A1:2015 +A2:2018	28-Nov-2022	CSIRO, Fire Systems Laboratory, AU
Document	21926 - IM WIRELESS RF INTERCONNECT SMOKE ALARM 21926 01092022.pdf	Brilliant WIRELESS RF INTERCONNECT SMOKE ALARM 21926/05 (21926 - IM WIRELESS RF INTERCONNECT SMOKE ALARM 21926 01092022.pdf)	1-Sep-2022	Brilliant Lighting (Aust) Pty. Ltd.
	21927 - IM SMART WIRELESS RF INTERCONNECT SMOKE ALARM 21927 01092022.pdf	Brilliant WIRELESS RF INTERCONNECT SMOKE ALARM With Smart WiFi Mounting Base 21927/05 (21927 - IM SMART WIRELESS RF INTERCONNECT SMOKE ALARM 21927 01092022.pdf)	1-Sep-2022	