

## Certificate of Product Approval

Certificate Number: 1400b

Issue: 02

### Firetrace International LLC

Suite 2  
8435 N. 90th Street  
Scottsdale  
Arizona  
85258  
USA



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

#### Products

##### Direct Low Pressure (DLP) Application Systems

(Refer to attached appendix for details)

#### Standards

##### LPS 1666: Issue 1.0

Requirements and test procedures for the LPCB approval of direct low pressure (DLP) application fixed fire suppression systems.

This certificate and appendix is maintained and held in force through regular surveillance activities

Signed for BRE Global Ltd.

Louise Jackman  
Verifier

28 June 2023  
Date of Issue

16 January 2017  
Date of First Issue



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BRE Global Ltd, Watford, WD25 9XX  
T: +44 (0)333 321 8811 E: [enquiries@breglobal.com](mailto:enquiries@breglobal.com)

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## Appendix to Certificate No: 1400b Firetrace International LLC

Issue: 02

### Firetrace International LLC HFC-227ea Direct Low Pressure (DLP) Application Fixed Fire Suppression Systems

Product Name	Container Size	Description	Detector Tube	Ventilation (Enclosed or Open Vents)	Air Flow (Forced / Natural)	LPCB Ref. No.
920301	3 lb	3 lb HFC-227ea DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400b/01
898004	1 kg	1 kg HFC-227ea DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400b/03
920601	6 lb	6 lb HFC-227ea DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400b/05
898005	2 kg	2 kg HFC-227ea DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400b/07
921201	12 lb	12 lb HFC-227ea DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400b/09
898006	5 kg	5 kg HFC-227ea DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400b/11

#### Notes:

1. Firetrace International LLC HFC-227ea DLP Systems shall be configured, installed, serviced and maintained in accordance with Firetrace International LLC System Manual 800023-008 – 20/07/2020.
2. These systems are intended solely to provide enhanced local fire protection. They are not intended for use as whole room or building fire protection systems.
3. The systems use a single method for detection and delivery of the extinguishing agent to the activation point.
  - System operation pressure: 150 psig @ 70°F (10.3 bar @ 21.1°C).
  - System operation temperature range: -20°C to +60°C.

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Signed for BRE Global Ltd.

Louise Jackman  
Verifier

28 June 2023  
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# Certificate of Product Approval

## Firetrace International LLC

CERTIFICATE NUMBER	ISSUE	COMPANY ADDRESS
1400c	01	Suite 2 8435 N. 90th Street Scottsdale Arizona, 85258 USA

The named company is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

PRODUCTS	STANDARDS
Firetrace International LLC FK-5-1-12 Direct low pressure (DLP) application systems	LPS 1666: Issue 1.0 Requirements and test procedures for the LPCB approval of direct low pressure (DLP) application fixed fire suppression systems.

This certificate is maintained and held in force through regular surveillance activities.



Sarah Colwell  
Certification Manager

29 September 2025  
Date of this Issue

Signed for BRE Global Ltd.

25 September 2025  
Date of First Issue



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BRE Global, Bucknalls Lane,  
Watford, WD25 9XX  
T: +44 (0)333 321 8811  
E: [enquiries@bregroup.com](mailto:enquiries@bregroup.com)



# Appendix to Certificate No: 1400c

ISSUE  
01

## Firetrace International LLC

### Firetrace International LLC FK-5-1-12

Product Name	Container Size	Description	Detector Tube	Ventilation (Enclosed or Open Vents)	Air Flow (Forced / Natural)	LPCB Ref. No.
920205	2.5 lb	2.5 lb FK-5-1-12 DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400c/01
898001	1 kg	1 kg FK-5-1-12 DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400c/02
920505	5 lb	5 lb FK-5-1-12 DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400c/03
898002	2 kg	2 kg FK-5-1-12 DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400c/04
921005	10 lb	10 lb FK-5-1-12 DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400c/05
898003	5 kg	5 kg FK-5-1-12 DLP system	P/N: 200005 6mm o/d	Enclosed only	None	1400c/06

**Notes:**

1. Firetrace International LLC FK-5-1-12 DLP Systems shall be configured, installed, serviced and maintained in accordance with Firetrace International LLC System Manual 800035-006 – 06/06/2025.
2. These systems are intended solely to provide enhanced local fire protection. They are not intended for use as whole room or building fire protection systems.
3. The systems use a single method for detection and delivery of the extinguishing agent to the activation point.
  - System operation pressure: 195 psig @ 70°F (13.5 bar @ 21.1°C).
  - System operation temperature range: -20°C to +60°C.

This certificate is maintained and held in force through regular surveillance activities.



Sarah Colwell  
Certification Manager

29 September 2025  
Date of this Issue

Signed for BRE Global Ltd.

25 September 2025  
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E: [enquiries@bregroup.com](mailto:enquiries@bregroup.com)

