



By Appointment to  
Her Majesty The Queen  
Manufacturers of Fire Detection & Alarm Products  
Apollo Fire Detectors Limited  
Hampshire



11 MAY 2020

## Technical Bulletin (TB-2001): Soteria Dimension Flush detector (FL5100-600 & FL6100-600)

### Reason for notification:

The Apollo technical team have been working on improvements to the innovative Soteria Dimension product. It has been noted that approximately 12% of the Dimension detectors could have been calibrated in such a way, that during an EN54-7 TF5 fire test there may be a delay in alarming.

### Details of notification:

Test Fire 5 (TF5) is a flaming liquid fire. It is representative of fast, clean burning fires where the main fuel source is a flammable liquid; as may be found in Petrochemical, Industrial and Paint facilities. In such circumstances a small proportion of Dimension detectors may Alarm several seconds later than expected. During Apollo's internal testing, the largest delay we found was seven seconds later than required and we estimate a worst-case delay of twenty seconds. In all other fire tests Dimensions detectors perform well within requirements.

This issue has been resolved in production from 24<sup>th</sup> February 2020 – BUILD DATE CODE 200224 (YYMMDD). There have been separate and independent improvements to Dimension that resolves installation issues resulting in high drift values in confined and/or highly reflective environments. These improvements have also been implemented in product from build date 200224.

**Please note:** The Dimension install guidelines as outlined in the product installation guide still apply.

### Instructions on what to do:

Despite the nature of the fire that a TF5 fire represents being very specific due to the environments where it may occur, Apollo want to avoid unnecessary customer concern and will replace any Soteria Dimension products with date codes prior to 200224 free of charge. Please contact the Apollo Returns department to arrange any replacements required.

### Questions:

Should you have any further questions, please don't hesitate to contact:

[techsales@apollo-fire.com](mailto:techsales@apollo-fire.com)

or

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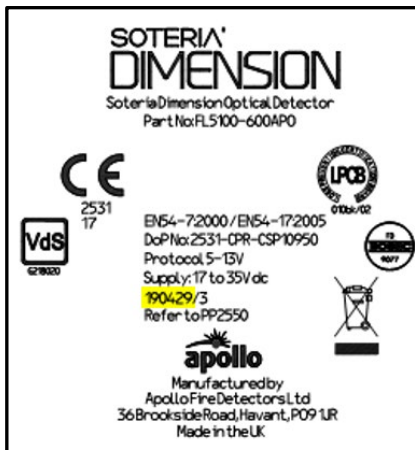
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Image 1: Example of product laser marking with build date code (YYMMDD) highlighted;



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