

Apollo Lite 30:30 For Suspended Ceilings

Enhancing Fire Compartmentation & Smoke Control Above Suspended Ceilings



The risks above Suspended Ceilings

Suspended ceilings create hidden voids that, if left unprotected, can facilitate rapid fire and smoke spread throughout a building. These concealed spaces often house mechanical and electrical (M&E) services, including electrical wiring, ventilation ducts, plumbing systems, and insulation materials, all of which can accelerate fire spread if not properly compartmentalized. Hot and cold-water pipes, drainage systems, HVAC ducting, and cable trays frequently pass through these areas, creating potential pathways for undetected fire and smoke migration.

Undetected fire spread poses a significant risk, as flames and smoke can bypass traditional fire barriers above ceiling tiles, jeopardizing life safety. The integrity of fire compartments is compromised when penetrations, such as pipes, cables, ducts, and conduits, are not adequately sealed. Poorly installed or missing fire stopping allows fire and smoke to travel freely between compartments, increasing the risk of widespread damage and loss of life.

FIREFLY® ...a proven solution

FIREFLY® Apollo Lite 30:30 and Zeus Lite 90:30 are fully tested to EN 1366-2, ensuring their effectiveness in maintaining compartmentation. When installed in combination with CE-marked fire dampers, such as Actionair Smokeshield and BSB FD and FSD Series, these fire barriers provide a robust and fully compliant fire safety system.

Fire dampers are critical for preventing fire and smoke movement through ventilation and ductwork systems. The integration of Apollo Lite 30:30 alongside these dampers ensures that suspended ceiling voids do not become conduits for rapid fire propagation. This combined approach offers a tested and proven solution for controlling fire spread and maintaining compartmentation.

Complete fire protection with tested dampers

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Technical validation & compliance

1. CE-marked fire dampers, such as Actionair and BSB.
2. FIREFLY® Apollo Lite 30:30 is fully certified by IFCC/Kiwa, offering industry-recognized fire protection performance. The solution is supported by Kiwa's technical expertise in fire safety, providing documented guidance for achieving compliant fire compartmentation within ceiling voids. A specific technical note from Kiwa (Number 25406) has been developed to support the installation of Apollo Lite 30:30 onto ceiling grids.

For technical specifications, installation guidance, and further details, visit the Apollo Lite web page at www.tbafirefly.com. Ensure safety, enhance fire protection, and maintain compliance with FIREFLY® Apollo Lite 30:30.

