

Product Bulletin

VESDA VLP/VLC End of Life (EOL) Notice – Americas

May 2019

Overview

The release of the VESDA LaserPLUS series in 1997 marked the beginning of a new era for Aspirating Smoke Detection (ASD) technology. Paving the way for unprecedented success VESDA VLP has evolved ASD from a niche technology to a mainstay of the fire detection industry.

According to independent experts, VESDA VLP has been determined as the gold standard for ASD in terms of smoke detection sensitivity, reliability, longevity, stability, and efficiency of operation. VLP is by far the most widely used ASD product ever created affirming Xtralis' position as the ASD pioneer and fire prevention thought leader.

The advent of the UL268 7th edition marks the beginning of yet another new era for smoke detection aiming at improving building occupants' life safety and reducing nuisance alarms, taking effect from 29th May 2020. The key changes of the UL268 7th edition include three new tests:

- Cooking nuisance alarm test
- Smouldering polyurethane foam test
- Flaming polyurethane foam test

The new tests are intended to represent smoke profiles of modern building fires, therefore driving technological advancements in reliable smoke detection to distinguish between real threats and nuisance particle sources. The new requirements present greater challenges, in particular, for the Aspirating Smoke Detection (ASD) technology due to its fundamental principle of operation requiring time for transporting smoke from the farthest sampling point to the detector via a pipe network.

VESDA-E is the world-leading ASD system that has set a new benchmark for reliable and effective smoke detection in the fire industry using its patented Flair™ detection technology. Flair combines CMOS imaging with multi-directional light scattering to provide the earliest possible warning of an impending fire threat whilst safeguarding against nuisance alarms most reliably.

With its **VESDA-E** range of products, Xtralis is positioned at the forefront of UL268 7th edition compliance for the ASD technology. Therefore, Xtralis will not approve its legacy VESDA VLP/VLC to the revised standard, and instead, shall focus on driving conversion to its latest VESDA-E technology for compliance, superior performance and reliability, and a lifetime of stability into the future.

As we move towards VEP and VEU increased production capacity by **end of July 2019**, we take this opportunity to celebrate the end of a long and prosperous journey spanning over an impressive 22-year period that has seen VESDA become the number one ASD in the world.

Affected Products & Alternatives

VESDA-E VEU/VEP are a direct replacement for VLP, whereas VEP-1 replaces VLC. The following table provides a high-level product comparison:

Parameter	VESDA			VESDA-E		
	VLF-500	VLC	VLP	VEP-1	VEP	VEU
Fire 1 Lowest Threshold	0.025%/m (0.008%/ft)	0.015%/m (0.0046%/ft)	0.015%/m (0.0046%/ft)	0.01%/m (0.0031%/ft)	0.01%/m (0.0031%/ft)	0.001%/m (0.0003%/ft)
No. Class A Holes	30	30	30	30	40	80
Linear Pipe Length	1 x 50m (1 x 150ft)	1 x 80m (1 x 260ft)	4 x 50m (4 x 164ft)	1 x 100m (1 x 328ft)	4 x 70m (4 x 230ft)	4 x 100m (4 x 328ft)
Branched Pipe Length	2 x 30m (1 x 90ft)	100m (328ft)	400m (1,312ft)	130m (427ft)	560m (1,837ft)	800m (2,624ft)

NOTE: VESDA VLF is not impacted by this EOL notice.

Last Time Buy (LTB) & Ship Date

- LTB orders for VLP/VLC shall be placed by 31st Oct 2019.
- Last shipment date for VLP/VLC will be 30th Nov 2019.

Servicing & Spares

- Warranty replacements will be honoured as per standard company policy which is 2 years from supply date.
- Following cease of supply there will be a 2-year support period for spares & repairs
- There will be a further 1-year support for documentation following the period above

VESDA VLP/VLC Discontinued Part Numbers

SKU	Material Description	Alternative
VLP-100	VESDA VLP, DET C/W OEM COVER, 3LED	VEP-A00-P
VLP-400	VESDA VLP, DET C/W BLANK PL+FOK LED	VEP-A00-P
VLP-002	VESDA VLP, DET C/W DISP+BLANK	VEP-A10-P
VLP-012	VESDA VLP, DET, DISP+PROG	VEP-A10-P
VSP-006	LP DET CHASSIS ASSY W MANIFOLD	VEP-A00-P or VEP-A10-P
VLC-400	VESDA VLC400, APOLLO	Discontinued
VLC-500	VESDA VLC, RELAY	VEP-A00-1P / VLF-500-01
VLC-505	VESDA VLC, VESDANET	VEP-A00-1P / VLF-500-01
VLC-200-EX-US	VESDA VLC200, REL, CL1 DIV2, 2000SQFT	Discontinued
VLC-205-EX-US	VESDA VLC205, VN, CL1 DIV2, 2000SQFT	Discontinued
VLC-500-EX-US	VESDA VLC500, REL, CL1 DIV2, 8000SQFT	Discontinued
VLC-505-EX-US	VESDA VLC505, VN, CL1 DIV2, 8000SQFT	Discontinued
VKT-004	VESDA VLC, DEMO KIT	VKT-850

Contact

Please contact your regional Key Account Manager for should you have any further quesesions in relation to this notice.



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