

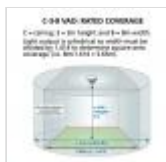
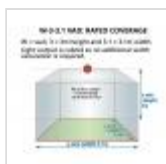


Addressable Fire Systems

APOLLO XP95/DISCOVERY

Sounders & VADs

Compact W-3-3.1 Wall VAD



Compact W-3-3.1 Wall VAD

Part No. BF458A/CX/SR

- Third-party certified to EN54-23 (VADs) and 17 (Isolators) by Intertek.
- Provides 'W-3-3.1' light distribution when wall mounted (min 0.4 lux over a 3 x 8m cylindrical area).
- Can also provide 'C-3-8' light distribution when ceiling mounted (min. 0.4 lux over a 2.4 x 3.5m cuboid area).
- Onboard short-circuit loop isolator.
- 550µA quiescent current.
- 10mA alarm current @24V DC.
- Group addressing facility allows multiple devices to be operated simultaneously.
- IP21C rated.



Technical Specifications



Approvals/certifications	Certified to EN54-23 & 17 by Intertek (0359-CPR-00446).
Protocol/compatibility	Compatible with C-TEC's XFP/ZFP XP95/Discovery Addressable Fire Panels.
Application/operation	Provides W-3-3.1 coverage when wall mounted. Alternatively can be ceiling mounted to provide C-3-8 coverage.
VAD category & coverage	W-3-3.1 (30m3 cuboid coverage); C-3-8 (151m3 cylindrical coverage).
Flash rate & colour	0.5Hz / White.
Supply/operating voltage	21 to 28V DC
Quiescent current	550µA @ 24 VDC.
Alarm current	10mA @24V DC
Indicators	Polling (green LED) & Short Circuit Isolator Active (amber LED).
Product dimensions (mm)	102mm diameter x 63mm deep.
IP Rating	IP21C.
Weight	170g.
Operating conditions/temperature	-10°C to +55°C. Max. 95% RH (Non-condensing).

VAD coverage (with multiplication factors applied)



VAD coverage depends on factors such as ambient light and viewing angle (direct or indirect). The table below summarises how the coverage of the BF458A/CX/SR increases or decreases based on these factors. To use the table, calculate the lux level of the area requiring coverage, determine whether the viewing angle will be direct or indirect then read off the coverage in the relevant

column. For further information refer to our VAD System Design Guide, downloadable from the Documentation tab below.

	Ceiling Mounted	Ceiling Mounted	Wall Mounted	Wall Mounted
Lux level in area requiring coverage	Direct Viewing	Indirect Viewing	Direct Viewing	Indirect Viewing
000-101 lux	8.3m H x 22.4m W	3.9m H x 10.4m W	15.6m H x 16.12m W	5.4m H x 5.58m W
101-200 lux	7.2m H x 19.2m W	3.6m H x 9.6m W	13.2m H x 13.64m W	5.1m H x 5.27m W
201-300 lux	5.7m H x 15.2m W	3.0m H x 8.0m W	9.6m H x 9.92m W	4.2m H x 4.34m W
301-400 lux	4.2m H x 11.2m W	2.4m H x 6.4m W	6.9m H x 7.13m W	3.6m H x 3.72m W
401-500 lux	3.3m H x 8.8m W	1.8m H x 4.8m W	5.4m H x 5.58m W	3.0m H x 3.1m W
501-600 lux	2.7m H x 7.2m W	1.5m H x 4.0m W	3.9m H x 4.03m W	2.7m H x 2.79m W
601-700 lux	2.1m H x 5.6m W	not applicable	3.0m H x 3.1m W	not applicable
701-800 lux	1.5m H x 4.0m W	not applicable	not applicable	not applicable

BIM/CAD Drawings



Approval Certificates



Documentation



14 other products in the same category:



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