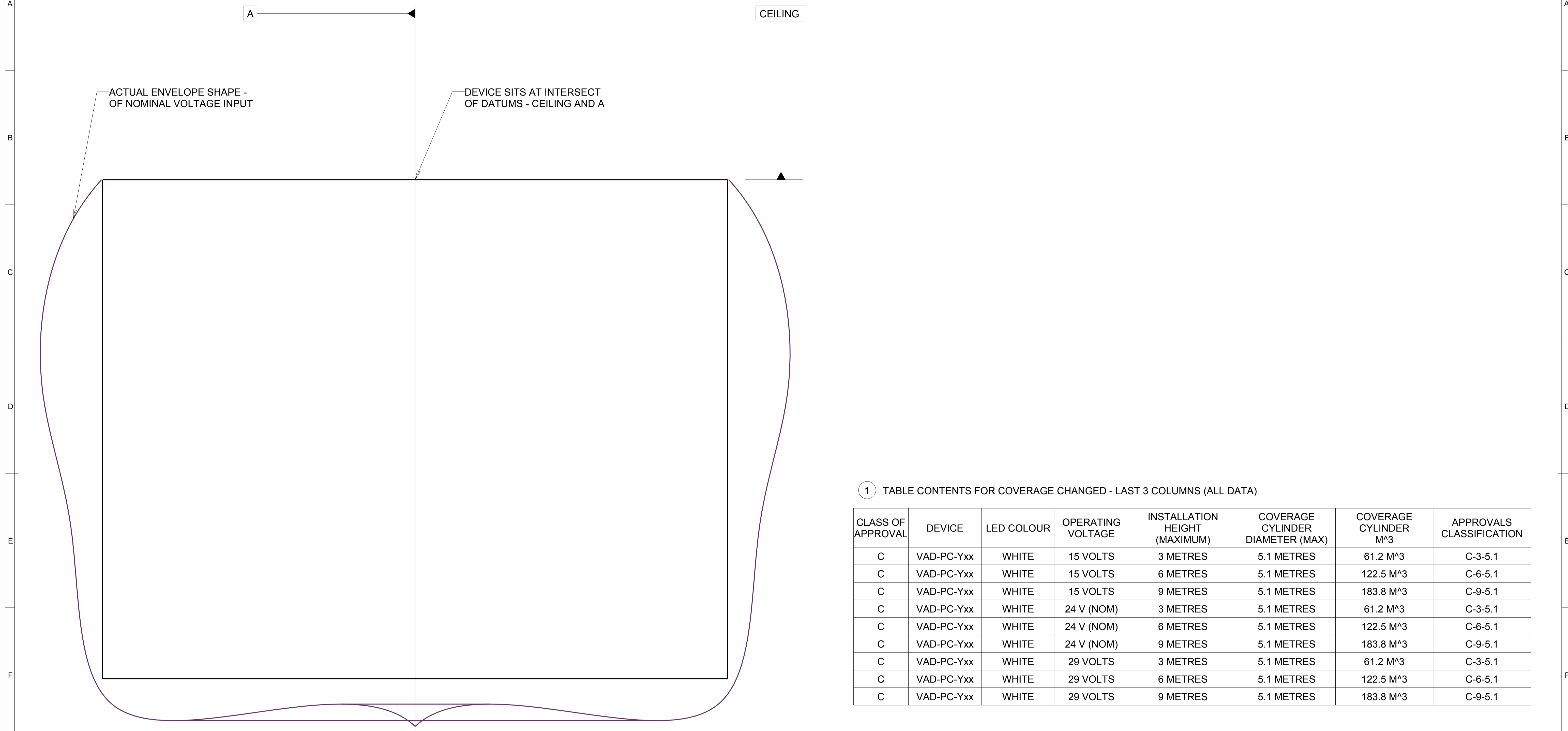


DATE	ISSUE	DCN	REVISION	ALT.	APPR.
11/6/15	A		FIRST ISSUE	NJM	
01/12/15	1	1368	DATA TABLE UPDATED	MJL	AJC
03/12/15	2	1368	DATA TABLE ROUNDING UPDATED	MJL	AJC



1 TABLE CONTENTS FOR COVERAGE CHANGED - LAST 3 COLUMNS (ALL DATA)

CLASS OF APPROVAL	DEVICE	LED COLOUR	OPERATING VOLTAGE	INSTALLATION HEIGHT (MAXIMUM)	COVERAGE CYLINDER DIAMETER (MAX)	COVERAGE CYLINDER M ³	APPROVALS CLASSIFICATION
C	VAD-PC-Yxx	WHITE	15 VOLTS	3 METRES	5.1 METRES	61.2 M ³	C-3-5.1
C	VAD-PC-Yxx	WHITE	15 VOLTS	6 METRES	5.1 METRES	122.5 M ³	C-6-5.1
C	VAD-PC-Yxx	WHITE	15 VOLTS	9 METRES	5.1 METRES	183.8 M ³	C-9-5.1
C	VAD-PC-Yxx	WHITE	24 V (NOM)	3 METRES	5.1 METRES	61.2 M ³	C-3-5.1
C	VAD-PC-Yxx	WHITE	24 V (NOM)	6 METRES	5.1 METRES	122.5 M ³	C-6-5.1
C	VAD-PC-Yxx	WHITE	24 V (NOM)	9 METRES	5.1 METRES	183.8 M ³	C-9-5.1
C	VAD-PC-Yxx	WHITE	29 VOLTS	3 METRES	5.1 METRES	61.2 M ³	C-3-5.1
C	VAD-PC-Yxx	WHITE	29 VOLTS	6 METRES	5.1 METRES	122.5 M ³	C-6-5.1
C	VAD-PC-Yxx	WHITE	29 VOLTS	9 METRES	5.1 METRES	183.8 M ³	C-9-5.1

GENERAL NOTE:

THIS DRAWING CONTAINS INFORMATION RELATING TO THE PROPOSED COVERAGE AREA OF EN54:23 C CLASS INTELLIGENT AUDIBLE VISUAL PRODUCTS, MANUFACTURED BY KAC ALARM COMPANY. THIS DRAWING IS TO AID APPROVALS BODIES IN TESTING THE CAV PRODUCTS AGAINST THE EN54:23 STANDARD FOR LIGHT OUTPUT.

DRAWING NOTES:

1. THE DRAWING TABLE TO THE RIGHT OF THE DIAGRAM DENOTES VALUES FOR THE "KEY" ITEMS DETAILED ON THE DRAWING GEOMETRY TO THE LEFT OF THE DRAFT.
2. THE DRAWING TABLE COVERS HIGH-OUTPUT CATEGORY C VISUAL ALARM DEVICES FOR WHITE LIGHT.
3. THE DATA CLOUD FORMULATED INTO THE GEOMETRY SHAPE ABOVE HAS BEEN CONSTRUCTED FROM THE MEASUREMENTS WHERE 1 CANDELA IS ACHIEVED. SOME ASSUMPTIONS HAVE BEEN MADE.
4. DIMENSIONS ARE LABELLED IN MM AND METRES.
5. INSTALLATION ORIENTATION IS NOT INCLUDED AS THE DEVICES ARE OMNI-DIRECTIONAL BY NATURE. AS THE WORST CASE OUTPUT MEASUREMENT FOR EACH COMBINATION OF ALPHA AND BETA ANGLES HAS BEEN USED, THERE IS NO REQUIREMENT TO SPECIFY A CORRECT ORIENTATION OF INSTALLATION. THIS POINT IS NEGLIGABLE FOR C CATEGORY DEVICES.

<p>KAC ALARM COMPANY LIMITED KAC House, Thornhill Road, North Merton Road, Redditch, Worcestershire B99 6ND, UK TEL: +44 (0) 1527 456565 FAX: +44 (0) 1527 456577 KAC Alarm Company Ltd - CONFIDENTIAL</p>	TITLE: VAD IAV EN54:23 C-CATEGORY OUTPUT	DRG No: 15/3057
	SEE TABLE	SEE NOTES
	TOLERANCES (UNLESS OTHERWISE STATED)	CHARACTERISTICS
	GENERAL ±0.20 HOLE DIA +0.20-0.00 ANGULAR ±30'	THIS SYMBOL INDICATES KEY MEASUREMENT OF CONFORMITY TO SPECIFICATION (SEE SPECIFICATION 15001)
<p>© The copyright in this drawing belongs to KAC Alarm Company Ltd and should not be used, disclosed or copied without prior written consent.</p>		<p>SCALE: N/A</p> <p>ISSUE: 2</p> <p>DRWN BY: NJM</p> <p>DATE: 11/6/15</p> <p>APPR BY: AJC</p> <p>DATE: 01/12/15</p>