

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
03/02/16	3	1381	ADDITIONAL DATA TABLE ADDED		MJL AJC

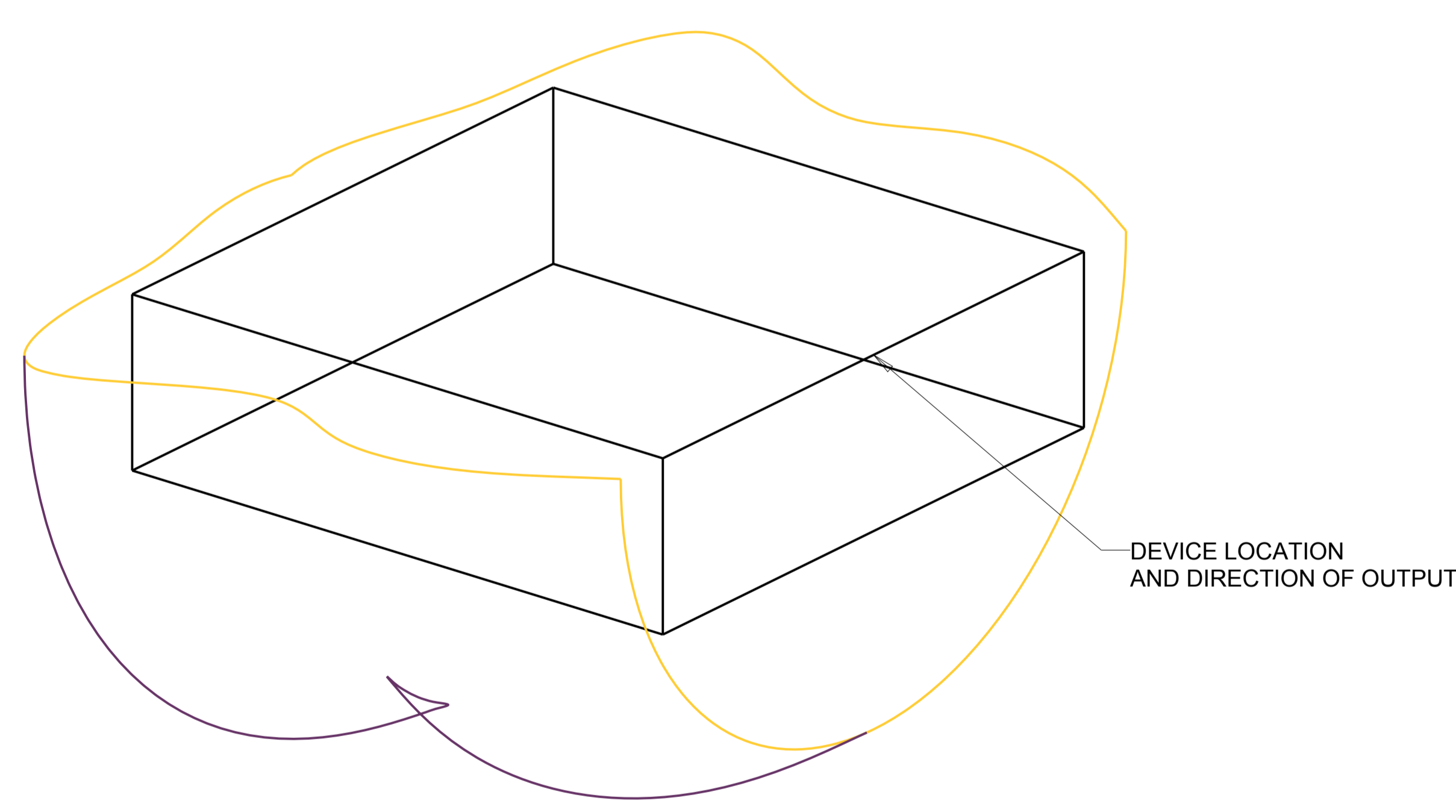
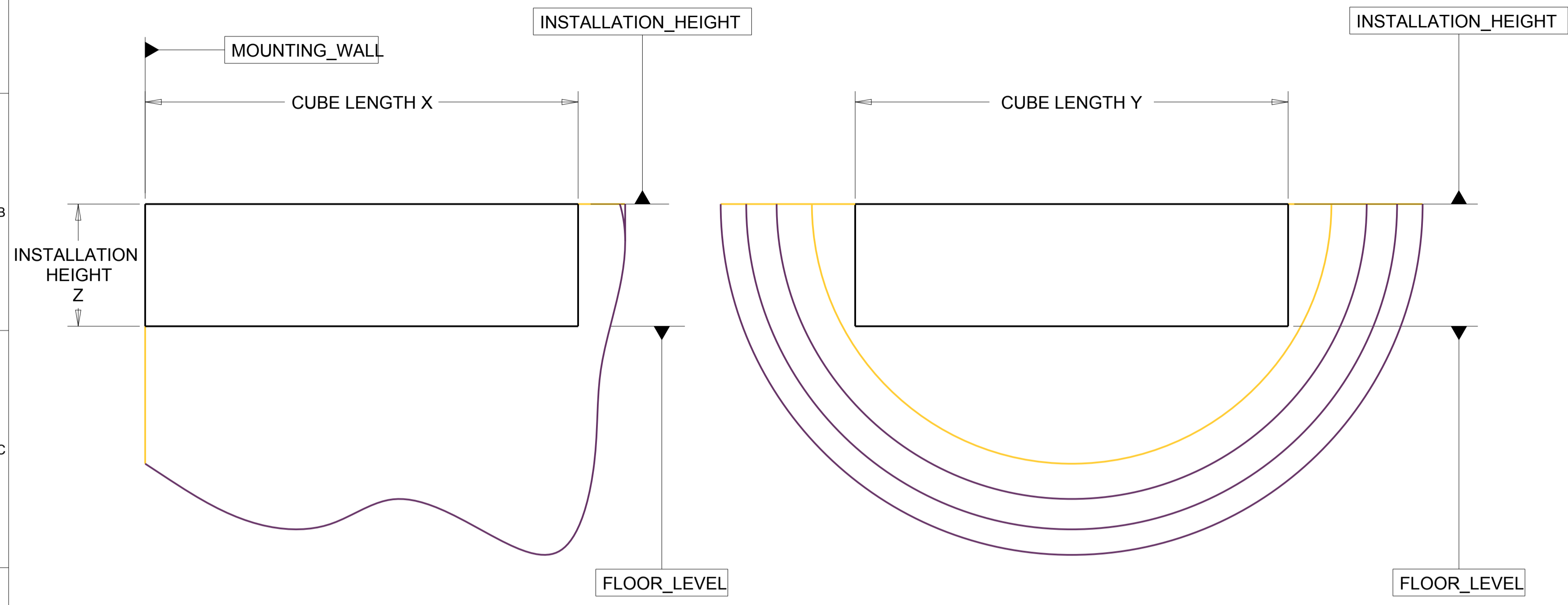


TABLE OF APPROVED WALL MOUNTED COVERAGES - PUBLISHED COVERAGES FOR PRODUCT DATA SHEETS

CLASS OF APPROVAL	DEVICE	LED COLOUR	OPERATING VOLTAGE	INSTALLATION HEIGHT (Z)	COVERAGE CUBE X (MAX)	COVERAGE CUBE Y (MAX)	VOLUME METRES CUBED	PUBLISHED APPROVALS CLASSIFICATION
W	VAD-PC-Yxx	WHITE	15 VOLTS	2.4 METRES	2.76 METRES	2.76 METRES	18.2 M ³	W-2.4-2.76
W	VAD-PC-Yxx	WHITE	24 V (NOM)	2.4 METRES	2.76 METRES	2.76 METRES	18.2 M ³	W-2.4-2.76
W	VAD-PC-Yxx	WHITE	29 VOLTS	2.4 METRES	2.76 METRES	2.76 METRES	18.2 M ³	W-2.4-2.76

TABLE OF ADDITIONAL APPROVED WALL MOUNTED COVERAGES. PUBLISH FOR SYSTEM DESIGNERS TO SPECIFY PRODUCT COVERAGE SUITABILITY FOR MULTIPLE ENVIRONMENT VOLUMES.

CLASS OF APPROVAL	DEVICE	LED COLOUR	OPERATING VOLTAGE	INSTALLATION HEIGHT (Z)	COVERAGE CUBE X (MAX)	COVERAGE CUBE Y (MAX)	VOLUME METRES CUBED	PUBLISHED APPROVALS CLASSIFICATION
W	VAD-PC-Yxx	WHITE	15-29 VOLTS	2.5 METRES	2.76 METRES	2.76 METRES	19.04 M ³	W-2.5-2.76
W	VAD-PC-Yxx	WHITE	15-29 VOLTS	2.6 METRES	2.76 METRES	2.76 METRES	19.80 M ³	W-2.6-2.76
W	VAD-PC-Yxx	WHITE	15-29 VOLTS	2.7 METRES	1.42 METRES	1.42 METRES	5.44 M ³	W-2.7-1.42

GENERAL NOTE:

THIS DRAWING CONTAINS INFORMATION RELATING TO THE PROPOSED COVERAGE AREA OF EN54:23 W 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. ALL

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 W 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.

<p>KAC ALARM COMPANY LIMITED KAC House, Thornhill Road, North Merton Road, Redditch, Worcestershire B99 9ND, UK TEL: +44 (0) 1527 456565 FAX: +44 (0) 1527 456677 KAC Alarm Company Ltd - CONFIDENTIAL</p>	TITLE: VAD IAV EN54:23 W-CATEGORY OUTPUT	DRG No: 15/3058
	SCALE: N/A	ISSUE: 2
	SEE TABLE	SEE NOTES
	SEE TABLE	SEE TABLE
<p>GENERAL: ± 0.20 HOLE DIA: +0.20/-0.00 ANGULAR: ± 30'</p>	<p>THIS SYMBOL INDICATES KEY MEASUREMENTS FOR CONFORMITY TO SPECIFICATION SEE SPECIFICATION 15001</p>	<p>APPR BY: AJC</p> <p>DATE: 11/02/16</p>