



NOTE:
ENVELOPE SHOWN IS WORSE CASE MEASUREMENT
DATA PUBLISHED BY NOTIFIED BODY LESS 5%
SAFETY MARGIN.

CLASS OF APPROVAL	DEVICE	LED COLOUR	OPERATING VOLTAGE (VOLTS)	INSTALLATION HEIGHT (METRES)	DIMENSION A (METRES)	DIMENSION B (METRES)	COVERAGE SHAPE VOLUME (MAX) M3	COVERAGE SHAPE PHYSICAL
O CAT (OPEN)	DSS-**-J**	RED	15	3.0 (NOMINAL)	2.5	2.2	3.96	SEE ABOVE
O CAT (OPEN)	DSS-**-J**	RED	29	3.0 (NOMINAL)	2.5	2.2	3.96	SEE ABOVE
O CAT (OPEN)	DSS-**-N**	RED	15	3.0 (NOMINAL)	2.2	2.2	3.93	SEE ABOVE
O CAT (OPEN)	DSS-**-N**	RED	29	3.0 (NOMINAL)	2.2	2.2	3.93	SEE ABOVE

GENERAL NOTE:
THIS DRAWING CONTAINS INFORMATION RELATING TO THE PROPOSED COVERAGE AREA OF OPEN CLASS IAV PRODUCTS MANUFACTURED BY KAC ALARM COMPANY. THIS DRAWING IS TO AID APPROVALS BODIES IN TESTING THE IAV PRODUCTS AGAINST THE EN54:23 STANDARD FOR CATEGORY O COVERAGE CHARACTERISTICS.

DRAWING NOTES:
1. THE DATA CLOUD FORMULATED INTO THE SHAPE ABOVE HAS BEEN CONSTRUCTED FROM MEASUREMENTS WHERE 1 CANDELA IS ACHIEVED.
2. DIMENSIONS ARE LABELLED IN METRES AND HAVE BEEN ROUNDED TO 2 DECIMAL PLACES.
3. 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.

WHERE APPLICABLE ALL PARTS SUPPLIED TO KAC ARE TO BE ROHS AND REHS2 COMPLIANT. ALL PARTS ARE TO BE SUPPLIED LEAD FREE.	 <small>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 456577 KAC Alarm Company Ltd - CONFIDENTIAL</small>	TITLE: IAV O-CLASS EN54:23 COVERAGE DATA DSS MATERIAL: N/A TOLERANCES (UNLESS OTHERWISE STATED): GENERAL: ±0.20 HOLE DIA: +0.20/0.00 ANGULAR: ±30°	SIGNIFIES KEY CHARACTERISTICS STOCK CODE: SEE TABLE THIS SYMBOL INDICATES KEY MEASUREMENT OF CONFORMITY TO SPECIFICATION (SEE SPECIFICATION T1001)	DRG No: 173112 SCALE: N/A ISSUE: 1 DRAWN BY: AJC DATE: 22-06-2017 APPR BY: _____ DATE: _____
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