



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-**-I**	RED	15	3.0 (NOMINAL)	2.5	2.2	3.96	SEE ABOVE
O CAT (OPEN)	DSS-**-I**	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

CLASS OF APPROVAL	DEVICE	LED COLOUR	OPERATING VOLTAGE (VOLTS)	INSTALLATION HEIGHT (MAXIMUM)	DIMENSION A (METRES)	DIMENSION B (METRES)	COVERAGE SHAPE - VOLUME (MAX)	COVERAGE SHAPE - PHYSICAL (MAX)
O CAT (OPEN)	WSS	RED	15 V	2.40 METRES	2.5	2.2	3.96 M ³	SEE DRAWING ABOVE
O CAT (OPEN)	WSS	RED	24 V (NOM)	2.40 METRES	2.5	2.2	3.96 M ³	SEE DRAWING ABOVE
O CAT (OPEN)	WSS	RED	30 V	2.40 METRES	2.5	2.2	3.96 M ³	SEE DRAWING 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 ROHS2 COMPLIANT.	KAC KAC ALARM COMPANY LIMITED KAC House, Thornhill Road, North Plough Road, Bloxwich, Walsley, West Yorkshire WF11 1JH TEL: +44 (0) 1927 406055 FAX: +44 (0) 1927 406077	TITLE: IAV O-CLASS EN54:23 COVERAGE DATA DSS	DWG. No.: 173112
ALL PARTS ARE TO BE SUPPLIED LEAD FREE.	KAC Alarm Company Ltd - CONFIDENTIAL	MATERIAL: N/A	SCALE: N/A
		TOLERANCES UNLESS OTHERWISE SPECIFIED: GENERAL: 00.20 HOLE DIA: +0.20/-0.00 ANGULAR: 0.5°	ISSUE: 1
		QUALIFIED SEE CHARACTERISTICS	DATE: 22-06-2017
		SEE TABLE	APP BY: AJC
			DATE: 2/8/2017