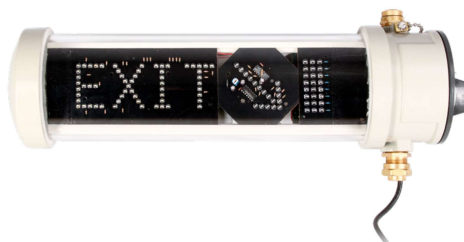


FLBS

**FLAMEPROOF
ZONE 1,2,21,22**



SPECIFICATION

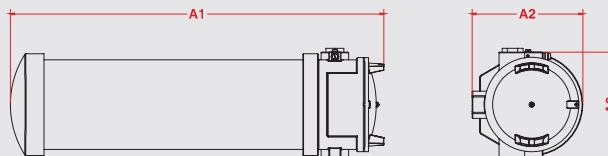
TYPE	FLBS
HAZARDOUS AREA ZONE	Zone 1 - Zone 2 (Gas) Zone 21 - Zone 22 (Dust)
MARKING	Ex II 2 G D Ex db ob is IIC T6 Gb Ex op is tb IIIC T85°C Db
STANDARDS	EN60079-0 EN60079-1 EN60079-28 EN60079-31
EU-TYPE EXAMINATION CERTIFICATE NO.	IMQ 20 ATEX 003X
INGRESS PROTECTION	IP66
LIGHT SOURCE	Modular LED Board
SIGNAL COLOR	White-Green
ENCLOSURE MATERIAL	Aluminum Alloy
ENCLOSURE FINISH (DOOR/BODY)	RAL7032/RAL7043 (Other colors are available on request)
PROTECTIVE COVER/BOWL	Tempered Borosilicate Glass
AMBIENT TEMPERATURE	-30° to + 55°
RATED VOLTAGE	220/240 VAC
RATED CURRENT	0.4A
POWER CONSUMPTION (± 10 %)	10W
POWER FACTOR	> 0.95
FREQUENCY	50/60 Hz
ENTRIES	Direct Entries, 2 * M20 (Other threads are available on request)
EARTHING	External M5 Earth Stud
EMC PROTECTION	Yes
CONNECTING TERMINAL	L, N, PE (0.5 mm 2 - 2.5 mm2)
DRIVE	Electronic Drive
OPERATING CONDITION	Indoor/Out door
	Wire Guard
	Cable Gland
ORDERING DETAILS:	Fixing Bracket for wall or surface mounting with bolts and nuts
	Three-layer painting system for use in corrosive environment
	Control Box

MODEL SERIES IDENTIFICATION

ORDER CODE	FLBS-	*	*	*	*	*	*
PARAMETER		①	②	③	④	⑤	⑥
PARAMETER	DESCRIPTION	PARAMETER DESIGNATION					
	Product type	FLBS series					
①	Fixture Size	1: Short volume ≈ 4 litres		2: Long volume ≈ 4.7 litres			
②	Pictogram 1 (MAN or EXIT)	M: MAN pictogram		E: EXIT (text)			
③	Pictogram 2 (STAIR or ARROW)	S: STAIR pictogram		A: ARROW pictogram			
④	Arrow direction	1: UP 2: DOWN 3: LEFT		4: DOWN 5: UP 45° 6: DOWN 45°			
⑤	Arrow Position relevant to pictogram 1	1: LEFT		2: RIGHT			
⑥	Pictogram 3 (MAN or DOOR)	M: MAN pictogram D: DOOR pictogram		Blank: None (in short series)			

DIMENSIONS (MM)

CODE SIZE (MM)	A1	A2	A3
FLBS (SHORT VOLUME)	416	148.5	151
FLBS (LONG VOLUME)	501	148.5	151



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