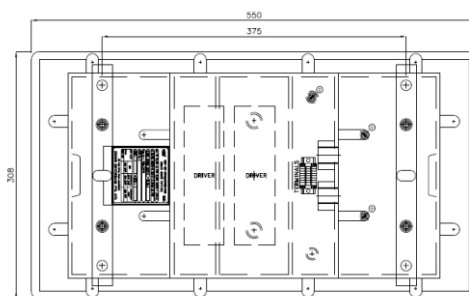
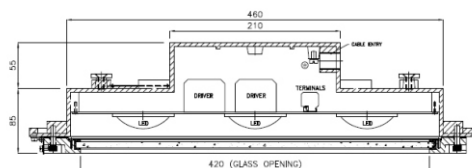




# DATA SHEET FOR CLEAN ROOM LIGHT FITTING

## TECHNICAL DATA:

PRODUCT	: CAT.NO.: CRF / 1273
ENCLOSURE	: FLAME PROOF (Ex -d), Gas Group IIA, IIB As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA CLASSIFICATION	: Ex db IIA & IIB T6 Gb ( EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2 & Zone 21 & 22 )
CERTIFICATION	: CIMFR, BIS, PESO
TEMPERATURE CLASS	: T6
MATERIAL	: DIE CAST ALUMINIUM ALLOY
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
GLASS	: HEAT RESISTANT CLEAR TOUGHENED GLASS TYPE - A
ENTRIES	: 2 Nos M20 / ½ " NPT / EQUIVALENT
VOLTAGE	: 140 V – 270 V ( 240 V AC )
POWER FACTOR	: ≥0.95
INPUT FREQUENCY	: 50 Hz.
EFFICACY	: ≥100 LUMEN PER WATT
COLOUR (CCT)	: 3000K / 5700K / 6500 K / OR AS SPECIFIED
CRI	: ≥80 RA
THD	: ≤ 10 % THD
SURFACE TEMPERATURE	: MAX. 70°
SURGE PROTECTION	: 10 KV SPD
LED MAKE	: CITIZEN / OSRAM / BRIDGELUX / EQUIVALENT
DRIVER MAKE	: OSRAM / PHILIPS / FULHAM / EQUIVALENT – BIS APPROVED

LIGHT FITTING - (VIEW FROM TOP SIDE)  
TYPE - 2 (BOTTOM OPENING DESIGN)

Sectional side view

### OPTIONS

SR.NO	PARTICULAR	OPTIONS
1.	MATERIAL OF CONSTRUCTION	STAINLESS STEEL
2.	VOLTAGE	220V DC / 110 V AC / 110 V DC / 24 V AC
3.	LED TYPE	COB / SMD
4.	BATTERY BACK UP	UP TO 90 MINS
5.	GLAND & PLUG	BRASS / SS / ALUMINIUM
6.	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.
7.	WATTAGE	45, 60, 75, 90 & 100
8.	MONOCHROMATIC LAMPS ARE AVAILABLE	

### SELECTION CHART

SR.NO	PARTICULAR	OPTIONS	CUT OUT SIZE
1.	TOP OPENABLE	M.S BOX WITH SS COVER	575 X 330
2.		WITH SS COVER	550 X 310
3.	BOTTOM OPENABLE	M.S BOX WITH SS COVER	565 X 325
		WITH SS COVER	550 X 310
		FRAME WITH OUT M.S. BOX SS COVER	520 X 260