MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~

FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227

UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM) | QUALITY OF WELD JOINTS REF, RD 230 MEDIUM

VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.

WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96

STATUS: PROTO

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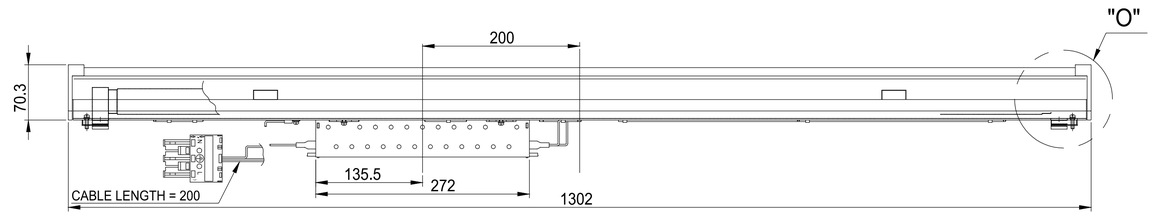
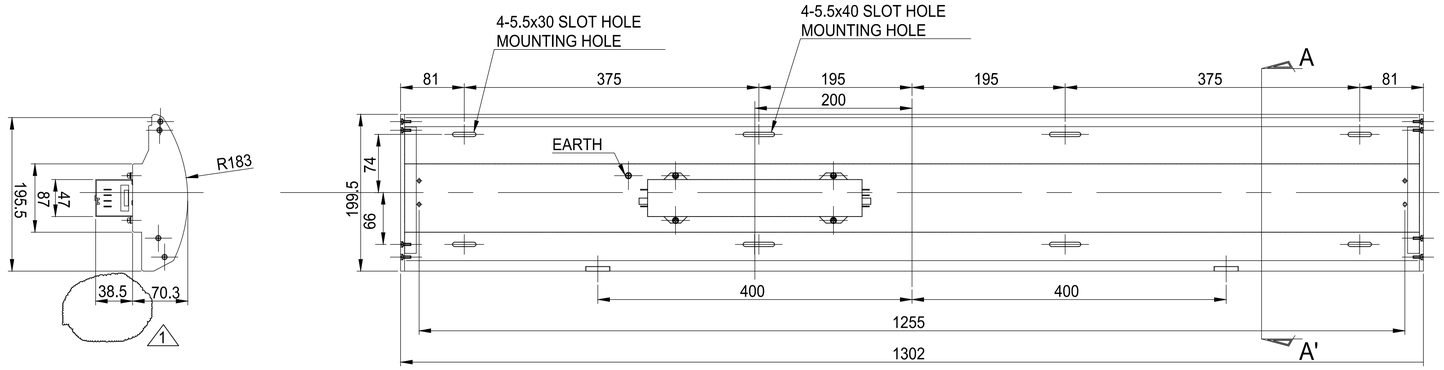
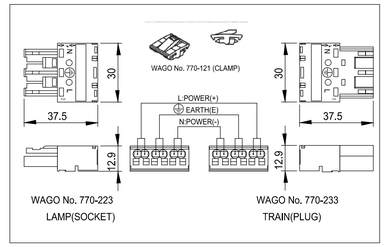
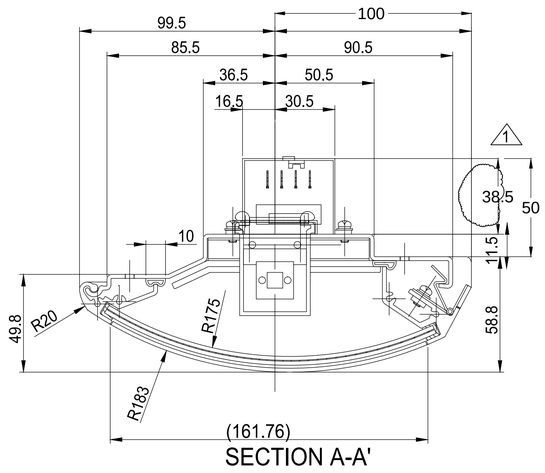


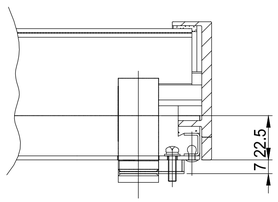




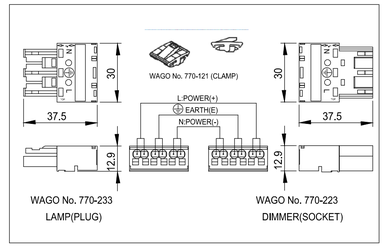
CONNECTOR DIAGRAM



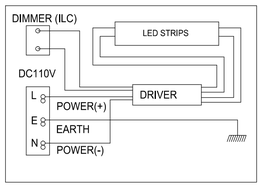
SECTION A-A'



DETAIL "O"



CONNECTOR DIAGRAM FOR DIMMER



WIRING DIAGRAM

NOTE: 1. ALL MATING CONNECTORS FOR CAR BODY SIDE WIRING ALONG WITH PINS/SOCKETS TO BE SUPPLIED
2. OPERATING VOLTAGE: DC110V (77V ~ 137V).
3. OVERALL DIMENSIONS, MOUNTING, AESTHETICS SHALL BE SAME AS THIS DRAWING.
4. PTS GR/TD/4263 SHOULD BE FOLLOWED.
5. ILLUMINATION OF 300 LUX SHALL BE MAINTAINED AT A DISTANCE OF 1M ABOVE FLOOR LEVEL.
6. FIRE PERFORMANCE : EN45545 HL3
7. IP54 FOR POWER SUPPLY AND IP52 FOR LUMINARIES TO BE FOLLOWED.
8. THIS IS ONLY PRILIMINARY DRAWING, ACTUAL DRAWING MAY VARY AT DESIGN STAGE, THE ENVELOPE SHALL BE MAINTAINED THE SAME.
9. WIRE ROPE OF SUITABLE STRENGTH SHALL BE PROVIDED FOR DIFFUSER COVER TO PREVENT ACCIDENT FALLING FROM LIGHT FITTING.

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S / MATERIAL	Wt. (Kg)
1			DIMENSION CHANGED FROM 47mm TO 38.5mm & ACCORDINGLY DRAWING UPDATED AND REVISED		26.09.2019 / DIVYA S / LIXON.T / SYLAJA V	

ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD
1	DIMENSION CHANGED FROM 47mm TO 38.5mm & ACCORDINGLY DRAWING UPDATED AND REVISED	26.09.2019	DIVYA S	LIXON.T	SYLAJA V

PRODUCT	MUMBAI METRO CARS L2 & L7		
REF DRG			
MATERIAL			
HEAT TREAT.		APPD	SYLAJA V 16.05.2019
SURFACE TREAT.		REVD	SYLAJA V 16.05.2019
TITLE	LED BASED SALOON LIGHT(1302mm)	CHKD	LIXON.T 16.05.2019
		DRWN	DIVYA S 16.05.2019
		SCALE	NTS
		SHEET	1 OF 1
		Wt.(Kg)	0
BEML LIMITED NEW FRONTIERS. NEW DREAMS		DRG No.	525-21025
		ALT	0

GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL												
SURFACE ROUGHNESS												

A2