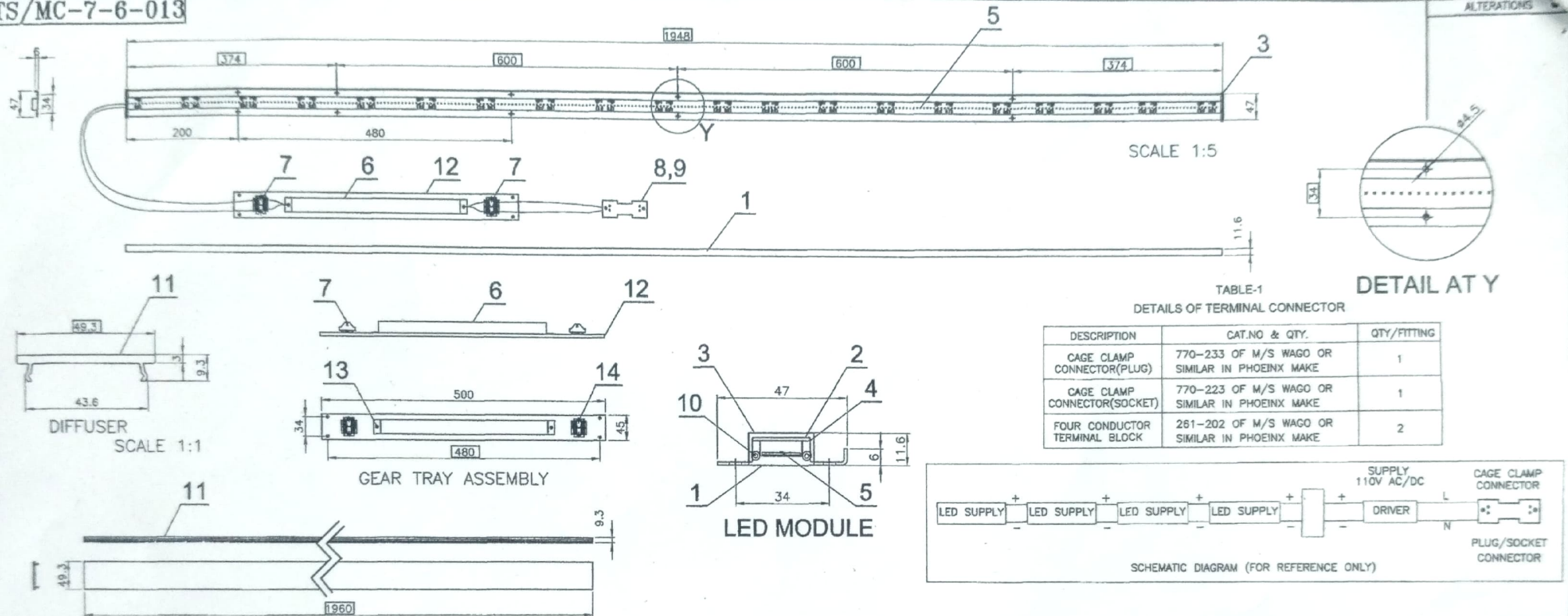


TS/MC-7-6-013



NOTE:-

- ALL DIMENSIONS IN MM.
- THE PERFORMANCE AND MAKE OF LED'S TO BE USED IN LIGHT FITTING SHALL BE GENERALLY CONFORMING TO RDSO SPEC.NO RDSO/PE/SPEC/TL/0091(LATEST).
- THE POLYCARBONATE DIFFUSER MATERIAL SHALL BE CONFORMING TO UL 94V0 & MADE FROM 'LEXAN SP24-492X' FIRE RETARDANT POLYCARBONATE MATERIAL OF GE PLASTIC/SABIC MAKE OR EQUIVALENT. DIFFUSER THICKNESS SHALL NOT BE LESS THAN 1.5MM AND SHALL BE FREE FROM SCRATCHES, AIR BUBBLES, HOLES AND ULTRA-VIOLET STABILIZED.ACCORDANCE AND COMPLIANCE WITH BOTH RDSO SPECIFICATION NUMBER RDSO/PE/SPEC/TL/0091-2016 (Rev.01) CLAUSE NUMBER 5.b & RDSO SPECIFICATION NUMBER RDSO/PE/SPEC/EMU/0196-2019 (Rev.0) CLAUSE NUMBER 4.30.3.
- ANODISED NAME PLATE CONTAINING SCHEMATIC DIAGRAM AND MANUFACTURER'S NAME, MONTH & YEAR OF MANUFACTURE.
- ALL STEEL ITEMS EXCLUDING HARDWARE SHALL BE GIVEN SURFACE TREATMENT FOR ANTI-RUST & ANTI-CORROSION BEFORE FINISHING WITH POWDER COATING. THICKNESS OF POWDER COATING SHALL NOT BE LESS THAN 60 MICRONS TO WHITE COLOUR (SHADE NO.042 'IFB WHITE' OF M/S BERGER OR SIMILAR IN M/S ASIAN, M/S NEROLAC MAKE PAINT) WITH GLOSSY FINISH.
- ALL CABLES SHALL BE 1.0 Sq.mm PTFE/TEFLON/E-BEAM COMPLIANCE TO EN 45545 HL-2. CABLE SHALL BE PROCURED FROM RDSO APPROVED SOURCE ONLY.
- TERMINAL CONNECTOR SHALL BE OF CAGE CLAMP TYPE WAGO/PHONEIX MAKE AS INDICATED IN TABLE-1.
- HOUSING OF LED DRIVER SHALL BE MADE FROM 1MM. THICK ALUMINIUM SHEET/FIRE RETARDANT POLYCARBONATE OR FIBER SHEET MATERIAL.
- SUITABLE GROMMETS TO BE PROVIDED FOR CABLE TRAVERSING TO THE LED DRIVER.
- ENTIRE WIRING & NOTCHES SHALL BE COVERED WITH 1MM. THICK FIRE RETARDANT SLEEVES.
- THIS FITTING IS USED IN PRESTIGIOUS TRAINS ON INDIAN RAILWAYS, HENCE WORKMANSHIP IS OF PARAMOUNT IMPORTANCE.
- ONE PROTOTYPE SAMPLE SHALL BE SUBMITTED FOR APPROVAL BEFORE MANUFACTURING/EFFECTING BULK SUPPLY.

				4	SCREW(WASHER BASED PAN-PH-HEAD) M3x8	14		IS:1367(P-14) 84 A2 70		STAINLESS STEEL					
				2	SCREW(WASHER BASED PAN-PH-HEAD) M4x6	13		IS:1367(P-14) 84 A2 70		STAINLESS STEEL					
				1	GEAR TRAY FOR DRIVER	12	IS:513-LATEST	CRCA 1.0 MM							
				1	DIFFUSER EXTRUSION	11		POLYCARBONATE UL94 V-0		SEE NOTE-3					
				4	CHEESE HEAD SCREW M3x6	10	IS:3083-LATEST	IS:1367(P-14) 84 A2 70		STAINLESS STEEL					
				1	CAGE CLAMP CONNECTOR (SOCKET)	9				SEE NOTE-7					
				1	CAGE CLAMP CONNECTOR (PLUG)	8				SEE NOTE-7					
				2	FOUR CONDUCTOR TERMINAL BLOCK	7				SEE NOTE-7					
				1	LED DRIVER 10W	6		RDSO/PE/SPEC/ TL/0091(LATEST)		110V AC/DC					
				4	LED PCB 486 MM	5									
				2	3M TAP	4		EN-80454							
				2	END CAP	3		POLYCARBONATE 1.5 MM		SEE NOTE-3					
				1	PLAIN DIFFUSER	2		POLYCARBONATE 1.5 MM		SEE NOTE-3					
				1	ALUMINIUM EXTRUSION HOUSING	1	IS:733-LATEST	ALUMINIUM 1.0 MM							
NO.OFF.				DESCRIPTION & DIMENSIONS			ITEM	REF.DRG.	MATL.SPEC.	WT./UNIT	REMARKS				
IV	III	II	I	GROUP:- 7-6							SUPERSEDED BY:				
				LED LIGHT FITTING,SALOON LIGHT (INDIRECT)-10W-1960 MM (FOR TRAINSET COACHES)							SUPERSEDES:				
											SCALE		SSE/D	D. R. KARTHIKEYAN D	
											1:30		CHD.	KARTHIKEYAN D	
											1:10		ALT.		
											1:5		DRN.	VELVISHALI R	
											ALT.				
				CAD FILE:- E:\ED-CAD\890 7-6 013---00.dwg											
				#	\$	DATA CODE No.		INDIAN RAILWAY STANDARDS		SHEET 1 OF 1					
				890						TS/MC-7-6-013					
										INTEGRAL COACH FACTORY CHENNAI					