



MANU. INSTRUMENT	DATE :	SCHEMATIC DIAGRAM
Φ	S. NO.	
P. O. NO.		

DESCRIPTIONS	CAT. NO.	QTY/FITTING
MALE CONNECTOR WITH CAGE CLAMP	1721-6031 OF M/S MAGOOR SIMILAR IN PHOENIX MAKE	1
FEMALE CONNECTOR WITH CAGE CLAMP	1721-103/026-0001 CF M/S MAGOOR SIMILAR IN PHOENIX MAKE	1

17	DIFFUSER	1	LW76/05	NIL	NIL
16	FIRE RETARDANT SLEEVE THICKNESS 1MM.	1	NIL	NIL	A5 REQUIRED
15	GROMET	1	NIL	15: S270/LATEST TAB-1, TYPE-2	A=8, E=1
14	PLAIN WASHER Ø 4.5	2	15: 206/LATEST TYPE-B	15: 1367/LATEST P-14,A2-70	NIL
13	SPRING WASHER M4	2	15: 366/LATEST TYPE-B	15: 4072/LATEST GRADE-3	NIL
12	CHEESE HD SCREW M4	3	15: 1366/LATEST TAB -1	15: 1367/LATEST P-14,A2-70	NIL
11	SCREWING PIECE 2X15X40	4	NIL	15: 1079/LATEST FE-410	NIL
10	PLAIN WASHER Ø 5.5	4	15: 206/LATEST TYPE-B	15: 1367/LATEST P-14,A2-70	NIL
9	SPRING WASHER M5	4	15: 366/LATEST TYPE-B	15: 4072/LATEST GRADE-3	NIL
8	CHEESE HD SCREW M5X10	4	15: 1366/LATEST TAB -1	15: 1367/LATEST P-14,A2-70	NIL
7	MOUNTING BRACKET 1MM. THICK	2	NIL	15: 1079/LATEST FE-410	NIL
6	TERMINAL CONNECTOR CAGE CLAMP TYPE	1	NIL	NIL	SEE NOTE-5
5	LED DRIVER	1	NIL	NIL	SEE NOTE-13
4	PLAIN DIFFUSER THICKNESS >1.5MM.	1	NIL	POLYCARBONATE	SEE NOTE-14
3	LED MODULE BOX THICKNESS 1MM.	1	NIL	15: 513/LATEST GRADE-DD	SEE NOTE-4
2	SPRING 1X15X2	6	NIL	15: 2507/LATEST GRADE-5	SEE NOTE-9 & 10
1	FRAME 1MM. THICK	1	NIL	15: 513/LATEST GRADE-DD	SEE NOTE-4

ALT.NO	ALT.DATE	ZONE	ALTERATIONS	AUTHORITY
b	17/07/2020	5-12	1. DIMENSION OF 132MM CHANGED TO 142MM. 2. CHANGE REQUEST NO 142MM. 3. ED/CR/2020-009	

[illegible]

LENGTH		BRN
W	RAIL COACH FACTORY, KAPURTHALA	BRN
REF. NO.	NIL	

DESCRIPTIONS	CAT. NO.	QTY/FITTING
MALÉ CONNECTOR MAG0 OR SIMILAR IN WITH CAGE CLAMP	1721-6031 OF M/S PHEONIX MAKE	1
FEMALE CONNECTOR M/S MAG0 OR SIMILAR IN PHEONIX MAKE	1721-103/026-0001 OF M/S MAG0 OR SIMILAR IN PHEONIX MAKE	1

(AS PER SPEC. NO. R050/PF/SPEC/TI / 00091-2016 REV 1)

FOR LHB AC COACHES, TYPE-L (18W)

LED LIGHT FITTING FOR PASSENGER AREA (CABIN)

ITEM	DESCRIPTION & DIMENSIONS	DRAWING	MATERIAL & SPEC.	REMARKS
NIL	ELECTRICAL	LW76090	ALT G	
WEIGHT	FILE D:\B\Krom\lw\lw76090b.DWT	SUPPLIES		
NIL	XG	SCALE	SSE/SD	
S. AREA			GND	
NIL	M2			

(FOR REFERENCE ONLY)			
1.	GE PLASTIC/5A81C MAKE OR EQUIVALENT WITH PRIOR APPROVAL OF PROJECT ENGINEER. AIR BUBBLES, HOLES AND ULTRA-VIOLET STABILIZER.	15:513(ATEST)	SEE NOTE-4
2.	HOUSING OF THE LED DRIVER SHALL BE MADE FROM 1MM. THICK ALUMINUM SHEET/ FINE RETARDANT POLYCARBONATE OR FIBER SHEET MATERIAL.	1	SEE NOTE-4
3.	TAPPING AND NOTCHES FOR 1MM SHALL BE DONE BY DEDICATED MAX. 1.1 AND MOUNTING DIMENSIONS FIXED TO 140MM.	NIL	
4.	ENTIRE WIRING AND NOTCHES SHALL BE COVERED WITH 1MM, THICK FIRE RETARDANT SLEEVES.	6	
5.	ITEM NO.-2 SHALL NOT GET LOOSE/DEFORMED/LACK ITS PHYSICAL PROPERTIES WHILE IN USE.	NIL	
6.	ITEM NO.-3 SHALL BE WELDED WITH 1.0MM TO SUIT PROPER CLAMPING OF ITEM NO.-1,7	15:513(ATEST)	SEE NOTE-4
7.	SCHEMATIC DIAGRAM/MANUFACTURER'S INSTRUCTIONS SHALL BE SCREEN PRINTED ON P.O. 0.6, A.S.N.	1	SEE NOTE-4

<div>ASSEMBLY DRAWING</div> <div></div>		<div>MANUFACTURING INSTRUCTIONS</div> <div><div>DATE:</div><div>S.N.O.</div></div>		<div>SCHEMATIC DIAGRAM</div> <div></div>
P.O.N.O.				

SCHEMATIC DIAGRAM FOR LED LIGHT			
6	TYPE	NIL	SEE NOTE-5
5	LED DRIVER	NIL	SEE NOTE-13
4	PLAIN DIFFUSER THICKNESS $\geq 1.5\text{MM}$	NIL	POLYCARBONATE SEE NOTE-14

11	SHEMINS PILE 2X15X40	4	NIL	FE-410	NIL
10	PLAIN WASHER Ø 5.5	4	15-20(LATEST) TYPE-B	15-1367(LATEST) P-4,AZ-70	NIL

SECTION-AA

14	PLAIN WASHER Ø 4.5	2	15: 20B(L/TEST)	15: 136V(L/TEST)	N1L
13	SPRING WASHER M4	2	15: 306(L/TEST)	15: 407Z(L/TEST)	N1L
12	CHEESE HO-SREW M4	3	15: 136(L/TEST)	15: 136V(L/TEST)	N1L
11			15: 1079(L/TEST)		

15	FIRE RETARDANT SLEEVE	1	NIL
15	BROUET	1	NIL
			IS: 5270(LATEST) TAB-1, TYPE-2 A=8, E=1

Technical drawing of the diffuser assembly. The side view shows a rectangular assembly with a total width of 100 and a height of 65. It features a central horizontal slot with a width of 60 and a depth of 120. The top surface is labeled 'BACK PIECE (1X20X115MM, 1)'. The bottom surface is labeled '1'. The side view also shows a '1' label at the bottom left corner. The top view shows a rectangular assembly with a total width of 100 and a height of 65. It features a central horizontal slot with a width of 60 and a depth of 120. The top surface is labeled 'BACK PIECE (1X20X115MM, 1)'. The bottom surface is labeled '1'. The side view also shows a '1' label at the bottom left corner. The top view also shows a '1' label at the bottom left corner. The side view also shows a '1' label at the bottom left corner.

17	DIFFUSER	1	LW76105	NIL	NIL
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SECTION-BB

[illegible]

Technical drawing of a rectangular metal plate. The main view shows a plate with a width of 100 and a height of 25. The material is specified as  $Zn \backslash 60$ . A detail view (7) shows a cross-section of the plate with a thickness of 14 and a width of 80. The detail view also shows a small hole with a diameter of  $\phi$  and a distance of 14 from the edge. The main view also shows a small hole with a diameter of  $\phi$  and a distance of 14 from the edge. The drawing includes a scale bar indicating 20 units.

ALT. NO	ALT. DATE	ZONE	ALTERATIONS	AUTHORITY
b	11/07/2020	6-12	DIMENSION OF 132MM CHANGED TO 142MM.	CHANGE REQUEST NO ED/CR/2020-0009

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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