



MACH. MODEL	4110, 4114	STE APPROVAL NO.	5004862
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DIMENSIONAL INFORMATION AND TERMS:
 ALL DIMENSIONS ARE TO THE CENTER OF THE FIXTURE, UNLESS THE FIXTURE IS MOUNTED TO A DIMENSIONED SURFACE.
 TF - FIXTURE ROTATION TO THE FACE
 LR - FIXTURE ROTATION TO THE LEFT RIB
 RR - FIXTURE ROTATION TO THE RIGHT RIB
 TB - FIXTURE ROTATION TO THE BACK
 UP - FIXTURE ROTATION TO THE ROOF

EXAMPLE
 27434-LP
 27434-LP2
 FIXTURE

ROTATION SURFACE

TOLERANCE:
 MACHINE MODEL VARIATIONS ±6"
 LIGHT PLACEMENT ±3" LINEAR ±5" ANGULAR
 VOLTAGE AT FIXTURE ±5 % OF RATED BULB VOLTAGE.

HEAD LIGHT	AREA LIGHTS	
ITEM 1	ITEM 2	ITEM 3
30000 MCI50XP 20043	27434-LP	27434-LP2
 PACKING GLAND LOCATION	 GLOBE LOCATION	 PACKING GLAND LOCATION

NOTES:
 1. ALL FIXTURES WITH THE EXCEPTION OF HEAD LIGHTS ARE EQUIPPED WITH STEEL GUARDS.
 2. HEAD LIGHTS ARE PROTECTED BY 1/8" STEEL.
 3. THIS STE SHOWS THE NINMUN LIGHTS REQUIRED. ADDITIONAL LIGHTS CAN BE ADDED TO MEET CUSTOMERS NEEDS.
 4. WHEN FROSTED GLOBES ARE USED CLEAR GLOBES ARE OPTIONAL.

D	OPERATOR STA.	REMOTE CONTROL OPTIONAL		DO NOT CHANGE WITHOUT "MSHA" APPROVAL ENTRY SIZE OF MACHINE SIZE 78" X 12' MACHINE MANUFACTURE JEFFERY MACHINE TYPE RAMCAR					
C	CANOPY	CANOPY OPTIONAL WHEN USING REMOTE CONTROL OR IN COAL LESS THAN 42"							
				3	27434-LP2	23 W. EL (Compact Fluor.)	3843-2	.730	
						20 W. EL (Compact Fluor.)	3843-2	.730	
						20 W. EL (Compact Fluor.)	3843-0,-1	.730	
				2	27434-LP	23 W. EL (Compact Fluor.)	3843-2	.730	
						20 W. EL (Compact Fluor.)	3843-2	.730	
						20 W. EL (Compact Fluor.)	3843-0,-1	.730	
1D		TF.	SEE DIM	1	20043	150 W. PAR38/FL	2372-0	.710	
1C		TF.	SEE DIM		MCI50XP	75 W. MR16/CG	3938-1	.776	
1B		TB.	SEE DIM			50 W. EXN/C	3938-0	.776	
1A		TB.	SEE DIM		30000	75 W. EYC/C	3493-2	.730	
						50 W. EXN/C	3493-2	.730	
						50 W. EXN	3493-0,-1	.730	
ITEM & LOCATION	GLOBE TYPE	GLAND LOCATION	GLOBE LOCATION	LIGHT LOCATION FROM SURFACE -X- DIM ABOVE (+) DIM BELOW (-)	ITEM	MODEL	BULB WATTS / TYPE	X/P NO.	MAX. CABLE RANGE

LIGHT FIXTURE INFORMATION				DRAWN BY	DATE DRAWN	APPROVED BY	DRAWING NUMBER	REV.
				RAJ	2-19-98		910702	C