



<b>MACH. MODEL</b>	484, 486 & 488	<b>STE APPROVAL NO.</b>	5004582
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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	PACKING GLAND 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 MINIMUM 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		<b>DO NOT CHANGE WITHOUT "MSHA" APPROVAL</b>					
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	ENTRY SIZE OF MACHINE SIZE 48" X 108"
						20 W. EL (Compact Fluor.)	3843-2	.730	
						20 W. EL (Compact Fluor.)	3843-0,-1	.730	MACHINE MANUFACTURE S & S
				2	27434-LP	23 W. EL (Compact Fluor.)	3843-2	.730	
						20 W. EL (Compact Fluor.)	3843-2	.730	MACHINE TYPE SCOOP
						20 W. EL (Compact Fluor.)	3843-0,-1	.730	
1D	TF.		-8 1/2"	1	20043	150 W. PAR38/FL	2372-0	.710	MINING CONTROLS INCORPORATED P.O. BOX 1141 BECKLEY, WV 25802
1C	TF.		-8 1/2"		MCI50XP	75 W. MR16/CG	3938-1	.776	
1B	TB.		0"			50 W. EXN/C	3938-0	.776	
1A	TB.		0"			75 W. EYC/C	3493-2	.730	
ITEM & LOCATION	GLOBE TYPE	GLAND LOCATION	GLOBE LOCATION	ITEM	MODEL	BULB WATTS / TYPE	X/P NO.	MAX. CABLE RANGE	
			LIGHT LOCATION FROM SURFACE -X- DIM ABOVE (+) DIM BELOW (-)						

<b>LIGHT FIXTURE INFORMATION</b>				DRAWN BY RAJ	DATE DRAWN 2-18-98	APPROVED BY	DRAWING NUMBER 8907134	REV. E
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