

SSP,SALEM

Our customer would like to procure LED light fitting for EOT cranes.

The existing light fittings are conventional 250 Watts HPMV lamp fittings which they are planning to replace by LED type of fittings. These fittings will be used in EOT cranes which will be moving and the fittings will be subjected to heavy vibration. So these fittings should be able to withstand heavy vibration. They also require safety chain to be provided in the light fittings for extra protection such that the fittings do not fall down.

The general specification for these light fittings is given below for reference;

SPECIFICATION FOR CRM LED CRANE LIGHT FITTING 200-220W

LAMP TYPE	:	LED
DISTANCE FROM FLOOR TO FITTING	:	24 to 26M (approx)
APPLICATION	:	CRANE GIRDER LIGHTING
INPUT POWER	:	200W - 220W
INPUT SUPPLY	:	90V to 300V AC, 50HZ
RATED LUMINOUS FLUX	:	20000 - 24000 LM
LIFE EXPECTANCY OF THE PRODUCT(LED'S) HOURS	:	MORE THAN 50000
LUMENS PER WATT	:	100 - 120 LUMENS/WATT
COLOR TEMPERATURE	:	5500 to 6500K
COLOR RENDERING INDEX	:	MORE THAN 70
LIGHT COLOUR	:	WHITE
LINE PROTECTION	:	UNDER VOLTAGE AND
OVER VOLTAGE PROTECTION	:	
MOUNTING ARRANGEMENT	:	SUITABLE BRACKET FOR
MOUNTING (EYE BOLT) ALONG WITH RUBBER BUSH FOR ARRESTING VIBRATION	:	
SAFETY FEATURE	:	EXTRA CHAIN TO BE
PROVIDED FOR AVOIDING FALLING DOWN OF FITTING.	:	
IP	:	IP55 OR BETTER
ENVIRONMENT	:	FITTING PRONE TO
VIBRATION AND METALLIC DUST	:	
FITTINGS	:	DOOM TYPE ONLY
DRIVER CARD PROTECTION LEVEL	:	UPTO 5KV
WARRANTY/GUARANTEE	:	MINIMUM OF 2 YEAR FOR THE
ENTIRE FITTINGS	:	

Kindly suggest suitable LED light fitting for the above requirement .