

# USER'S MANUAL & SCHEMATIC(BLOCK DIAGRAM)

INDUSTRIAL, SCIENTIFIC AND MEDICAL(ISM) EQUIPMENT  
CERTIFICATION TO FCC PART 18 REQUIREMENT

PRODUCT	SELF-BALLASTED LAMP		
FCC ID	N4AEFTR1201		
MODEL NO.	EFTR 1223	SERIAL NO.	N/A
APPLICANT & ADDRESS	KUMHO ELECTRIC, INC. 690, Byung Jom-Ri, Taeon-Up, Whasung-Gun Kyunggi-Do, Korea		

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## 1. PRODUCT SPEC.

- 1) COMMODITY : COMPACT FLUORESCENT  
LAMP (SELF-BALLASTED LAMP)
- 2) MODEL NO : EFTR 1223
- 3) POWER CONSUMPTION : 23W  
VOLTAGE : AC 120V
- 4) INPUT CURRENT : 350mA
- 5) FREQUENCY  
FREQUENCY OF INPUT POWER STAGE : 60Hz  
BALLAST OPERATING FREQUENCY : 65KHz
- 6) LIFE : 10,000Hrs

## 2. USER'S GUIDE

### 1) LAMP

ELECTRONIC BALLAST  
FLICKERLESS, SOFT START OPERATING  
RELIABLE OPERATING TEMPERATURE RANGE : -10 ~ 40

### 2) CAUTION

NOT FOR USE WITH DIMMING CIRCUIT, ELECTRONIC TIMERS  
DO NOT USE IN TOTALLY ENCLOSED RECESSED FIXTURE  
RISK OF ELECTRIC SHOCK - USE IN DRY LOCATIONS ONLY  
DO NOT USE MORE THAN 25 LAMPS PER 20 AMP.  
INSTALL AND REMOVE LAMP FROM FIXTURE BY GRASPING  
THE PLASTIC BODY OF LAMP

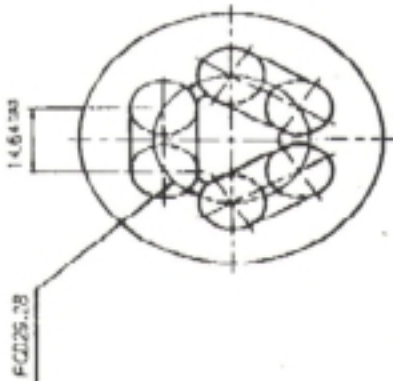
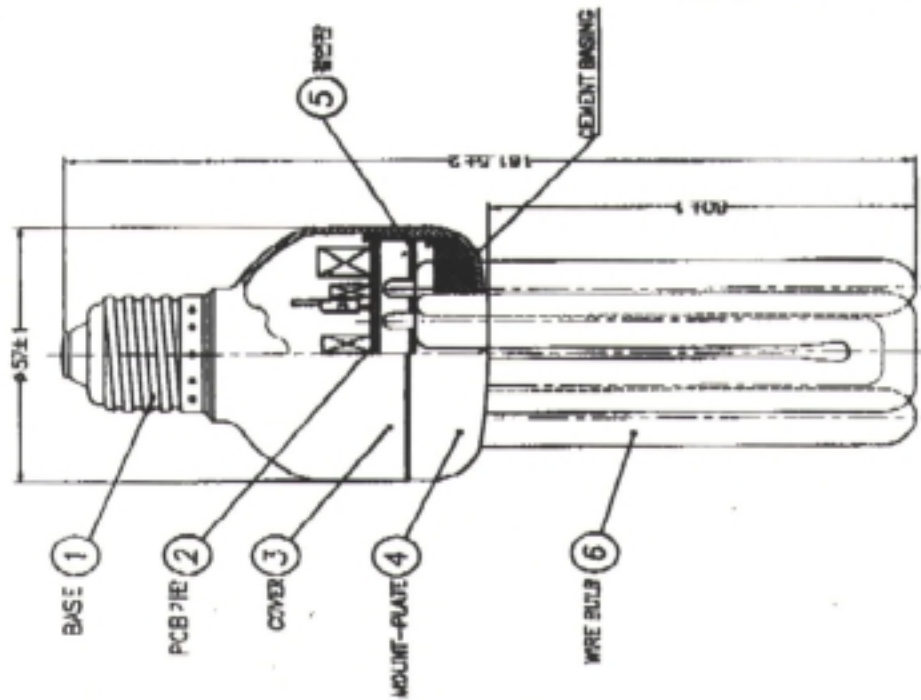
## INFORMATION TO THE USER

THIS DEVICE IS NOT INTENDED FOR USE WITH EMERGENCY EXIT  
FIXTURE OR EMERGENCY EXIT LIGHTS.

THIS PRODUCT MAY CAUSE RADIO INTERFERENCE WITH RADIOS,  
CORDLESS PHONES OR REMOTE CONTROLLED DEVICES.

IF INTERFERENCE OCCURS, RELOCATE THIS PRODUCT AWAY FROM  
THE DEVICE OR MOVE THIS PRODUCT OUT OF THE LINE OF SIGHT  
WITH THE REMOTE CONTROL RECEIVER.

DO NOT TOUCH LAMP AS SOON AS TURN OFF LAMP BECAUSE IT'S  
VERY HOT.



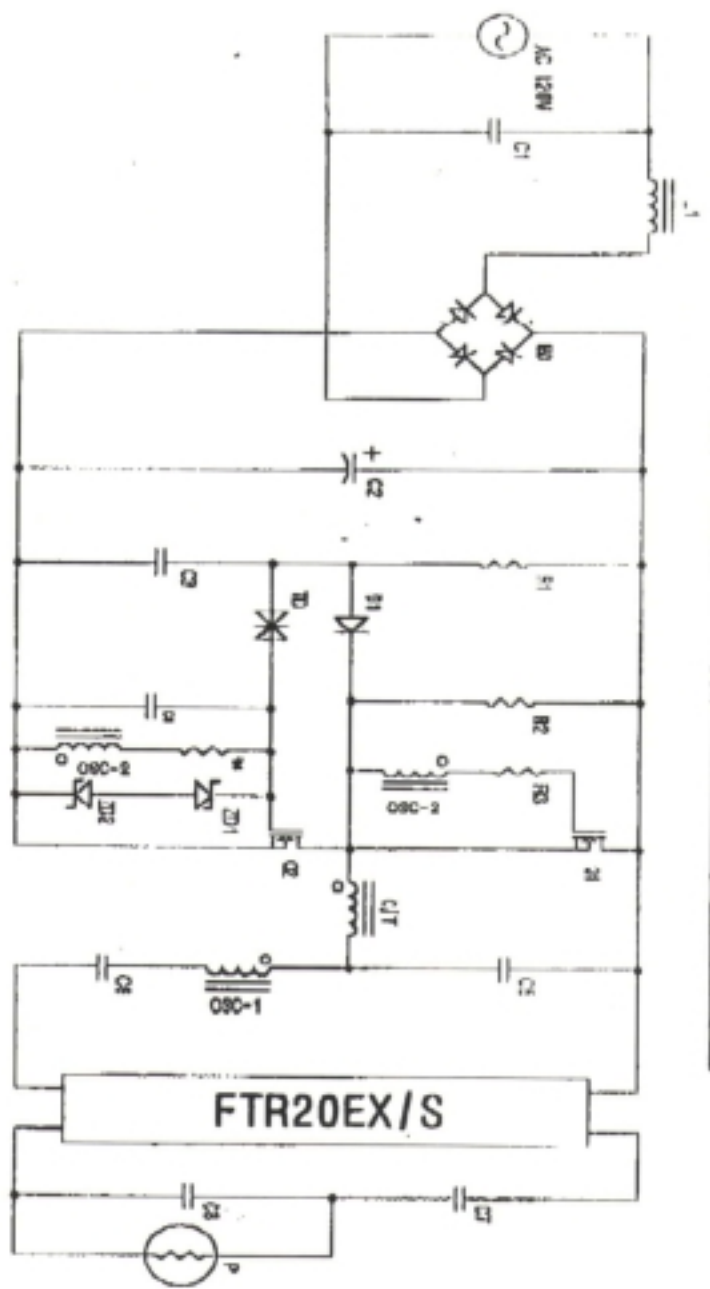
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# 부품 LIST

품번	품명	재질	수량	비고
1	BASE	Cu + Zn	1	IL 50
2	PCB WIRE	FR-1	1	
3	COVER	P.B.T	1	88 Nylon
4	MOUNT-PLATE	TOPCOY 413-08A-8	1	
5	WIRE	선 30	1	
6	WIRE BULB	Socket Gove	1	FR 18W/S

(2/)

# 참라이트 Triple 120V/20W 50/60Hz



년.월.일	1998.05.18	승인	금호전기 주식회사
제도	설계	검도	품명 참라이트 Triple 120V/20W 50/60Hz
작성부서	기술연구소 연구실	도영	1W 회로도
확도	단위	종량	도영기 A4 도면