

## DATASHEET

SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	220 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.956A
Power Factor	> 0.98
Athd.	CLASS C
Efficiency	93.5%
Temperature Class	T6
IP Standard	IP-60
Total Weight	11 Kg Approx
Starting Time	Instant ( 0.2 Sec)
Guarantee	3 Years on FLUX/CCT/CRI
Guarantee	3 Years on LED DRIVER
Guarantee	5 Years on COB LED

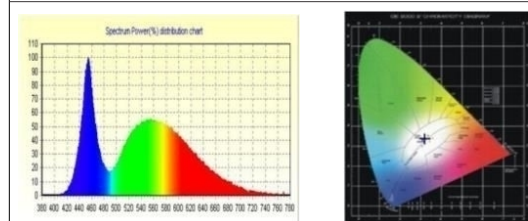
ORDERING CODE: MHB220MW



SPECIFICATIONS OF LED		MAKE : CITIZEN JAPAN
Model No	CLU-048-1818 V6	
LED type / No of LED Lamp	COB	
Total Lumen (As per simulation Tool)	26154	
Lumen Efficacy (Lm/ Watt)	129 lm/W @ 60°C LED Tc	
Lumen Efficacy (Lm/ Watt) (Incl. all losses)	118 lm/W @ 60°C LED Tc	
Color / Color Rendering index	CCT 6500K / RA 70	
SP Ratio	2.25	
MAC ADAM ELIP STAGE	STEP 3	
LED -Wattage/Current/Voltage	202.4 W / 3627 ma /55.8 V	
Lamp Life	1,60,000 Hours Min.	
Certifications / Reports	LM80/Photo Bio. Test	
Actual Tested Report	Actual Operating test Report for 63,000Hrs	
Identification Method	Unique Serial No. Printed on each Lamp	

**CITIZEN**  
Micro HumanTech

### LED SPECTRUM



SPECIFICATIONS OF LED DRIVER		MAKE - MEANWELL
Model No	ELG-240-54	
Type of Driver	Constant Current	
Input Voltage Range	100 - 305 VAC, 127 - 431 VDC	
Frequency Range	47 - 63 Hz	
Inrush current	Cold Start 60A	
Leakage current	0.75mA/ 277VAC	
Output Protection	Short Circuit, Over Voltage/ Current/ Temperature	
Withstand Voltage	I/P-O/P : 3.75KVAC	
Surge Protection	Line-Earth 6KV, Line-Line 4KV	
MTBF /DMTBF	200.8Khrs min.	
Capacitor Life Cycle	32869 Hrs @ 60°C	

SPECIFICATIONS OF OPTICS	
Optics Type	Glass Lens
MOC of Optics	Borosilicate Glass
Optics Efficiency	96%

SPECIFICATIONS OF FIXTURE \ HEAT SINK	
Make of Fixture	Eminent Lighting Company
Certification	IP 60
MOC Fixture	Aluminum Extrusion - 6063
Junction Temperature -Tj	95°C
Case Temperature- Tc	62.4°C