

DATASHEET

SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	240 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	1.043A
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

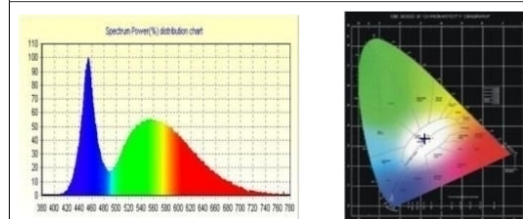
ORDERING CODE: MHB240MW



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)	27881	
Lumen Efficacy (Lm/ Watt)	126 lm/W @ 60°C LED Tc	
Lumen Efficacy (Lm/ Watt) (Incl. all losses)	116 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	220.8 W / 3956 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