

DATASHEET

ORDERING CODE: MHM175MW

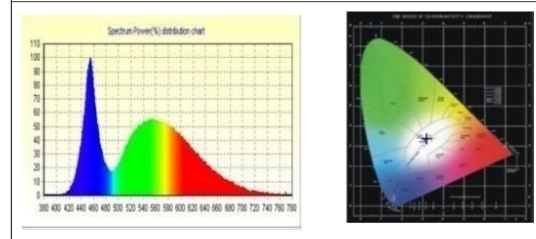
SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	175 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.820A
Power Factor	> 0.98
Athd.	<10%
Efficiency	93.5%
Temperature Class	T6
IP Standard	IP65
Total Weight	11 Kg Approx.
Starting Time	Instant (0.2 Sec)
Guarantee	3 Years on FLUX/CCT/CRI
Guarantee	5 Years on LED DRIVER
Guarantee	5 Years on COB LED



SPECIFICATIONS OF LED		MAKE : CITIZEN JAPAN
Model No	CLU-048-1818: 1No /CLU-038-1210 : 2Nos	
LED type / No of LED Lamp	COB/ Single	
Total Lumen (As per LM79)	21302	
Lumen Efficacy (Lm/ Watt)	133 lm/W @ 60° C LED Tc	
Lumen Efficacy(Lm/ Watt)(Incl. all losses)-(As per LM79)	121 lm/W @ 60° C LED Tc	
Color / Color Rendering index	CCT 5000K / RA 70	
SP Ratio	2.25	
MAC ADAM ELIP STAGE	STEP 3	
LED -Wattage/Current/Voltage	160.6 W / 3026 ma /55.36 V	
Lamp Life	1,60,000 Hours Min.	
Certifications / Reports	LM80/LM79	
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	HBG-160-60 & ELG-150-54	
Type of Driver	Constant Current	
Input Voltage Range	100 - 305 VAC, 127 - 431 VDC	
Frequency Range	47 - 63 Hz	
Inrush current	Cold Start 65A	
Leakage current	0.75mA/ 277VAC	
Output Protection	Short Circuit, Over Voltage/ Current/ Temperature	
Withstand Voltage	I/P-O/P : 3.75KVAC	
Surge Protection	L-N : 4KV, L,N-PE : 6KV	
MTBF /DMTBF	252.3 Khrs min (HBG) & 313.66Khrs min(ELG)	
Capacitor Life Cycle	59778 Hrs @ 60°C (HBG) 32009 Hrs @ 60°C (ELG)	



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	IP65
MOC Fixture	Aluminum Extrusion - 6063
Junction Temperature -Tj	95°C
Case Temperature- Tc	62.4°C