

## DATASHEET

ORDERING CODE: MWG45MW

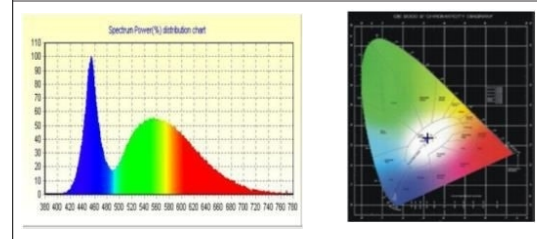
SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	45 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.216A
Power Factor	> 0.97
Athd.	CLASS C
Efficiency	90%
Temperature Class	T6
IP Standard	IP 65
Total Weight	7.5 Kg
Starting Time	Instant ( 0.2 Sec)
Guarantee	3 Years on LED DRIVER
Guarantee	5 Years on COB LED
Guarantee	3 Years on FLUX/CCT/CRI



SPECIFICATIONS OF LED		MAKE : CITIZEN JAPAN
Model No	CLU-038-1205 V6	
LED type / No of LED Lamp	COB/ Single	
Total Lumen (As per simulation Tool)		5329
Lumen Efficacy (Lm/ Watt)		135 lm/W @ 60°C LED Tc
Lumen Efficacy (Lm/ Watt) (Incl. all losses)		119 lm/W @ 60°C LED Tc
Color / Color Rendering index		CCT 6500K / RA 70
SP Ratio	2.25	2.25
MAC ADAM ELIP STAGE	STEP 3	
LED -Wattage/Current/Voltage	39.4 W / 1050 mA /39.4 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	HBG-60-1050	
Type of Driver	Constant Current	
Input Voltage Range	90 - 295 VAC	
Frequency Range	47 - 63 Hz	
Inrush current	Cold Start 45A	
Leakage current	0.75mA/ 240VAC	
Output Protection	Short Circuit, Over Voltage/ Current/ Temperature	
Withstand Voltage	I/P-O/P : 3.75KVAC	
Surge Protection	L-N : 2KV	
MTBF /DMTBF	452 Khrs min. @ 25°C	
Capacitor Life Cycle	65047 Hrs @ 60°C	

SPECIFICATIONS OF OPTICS	
Optics Type	Glass Diffuser
MOC of Optics	Borosilicate Glass
Optics Efficiency	90%(+/-5%)

SPECIFICATIONS OF FIXTURE \ HEAT SINK	
Make of Fixture	Sudhir Switch Gear
Certification	IP 65
MOC Fixture	Aluminum Diecasting-LM6
Junction Temperature -Tj	87°C
Case Temperature- Tc	60°C

