

## DATASHEET

ORDERING CODE: MNWG60MW

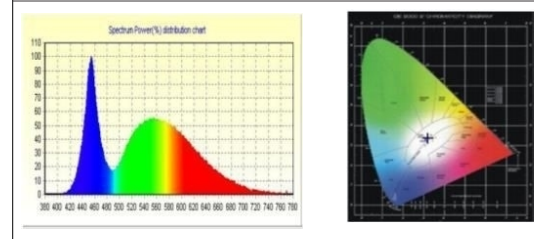
SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	60 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.270A
Power Factor	> 0.96
Athd.	CLASS C
Efficiency	89%
Temperature Class	T6
IP Standard	IP 65
Total Weight	3 Kg
Starting Time	Instant ( 0.2 Sec)
Light Spreading Angle	90°/120°
Guarantee	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-038-1208 V6	
LED type / No of LED Lamp	COB/ Single	
Total Lumen (As per simulation Tool)		7078
Lumen Efficacy (Lm/ Watt)		137 lm/W @ 60°C LED Tc
Lumen Efficacy (Lm/ Watt) (Incl. all loses)		118 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	54.6 W / 1450 ma /37.6 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	PLD 60 1400	
Type of Driver	Constant Current	
Input Voltage Range	180 - 305 VAC	
Frequency Range	47 - 63 Hz	
Inrush current	Cold Start 45A	
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 : 2KV, L,N-PE : 2KV	
MTBF /DMTBF	458.852 Khrs min.	
Capacitor Life Cycle	49694 Hrs @ 50°C	

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

SPECIFICATIONS OF FIXTURE \ HEAT SINK	
Make of Fixture	Eminent Lighting Company
Certification	IP 65
MOC Fixture	Aluminum Extrusion - 6063
Junction Temperature -Tj	85°C
Case Temperature- Tc	60°C