

DATASHEET

ORDERING CODE: MMB60MW

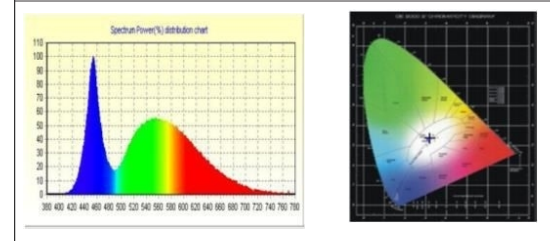


| SPECIFICATIONS OF LUMINARY. | |
|------------------------------------|-------------------------|
| Luminaries wattage | 60 Watt (+/- 5%) |
| Input Voltage | 230 VAC |
| Input Frequency | 50 Hz |
| Input Current | 0.270A |
| Power Factor | > 0.96 |
| Athd. | CLASS C |
| Efficiency | 89% |
| Temperature Class | T6 |
| IP Standard | IP 60 |
| 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 | |



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 25A | |
| 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 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 | 85°C |
| Case Temperature- Tc | 60°C |