

## DATASHEET

*Updated:2022*
**ORDERING CODE: MFLPWG120MW**

SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	120 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.521A
Power Factor	> 0.97
Athd.	CLASS C
Efficiency	88%
Temperature Class	T6
IP Standard	IP 65
Total Weight	5-6 Kg
Starting Time	Instant ( 0.2 Sec)
Warranty	3 Years



SPECIFICATIONS OF LED	
LED type / No of LED Lamp	COB/ Single
Total Lumen	13931-15357
Lumen Efficacy (Lm/ Watt)	126- 13lm/W @ 60 °C LED Tc
Lumen Efficacy (Lm/ Watt)(Including all losses)	116-128 lm/W @ 60 °C LED Tc
Color / Color Rendering index	CCT2200K- 6500K / RA 70
SP Ratio	2.25
MAC ADAM ELIP STAGE	STEP 3
LED -Wattage/Current/Voltage	110.4 W / 1996mA / 55.3V
Lamp Life	1,60,000 Hours Min.
Certifications / Reports	LM80/Photo Bio. Test

SPECIFICATIONS OF LED DRIVER	
Type of Driver	Constant Current
Input Voltage Range	180 - 295 VAC
Frequency Range	47 - 63 Hz
Output Protection	Short Circuit, Over Voltage/ Current/ Temperature

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 SWITCHGEARS PVT. LTD.
Certification	IP 65
MOC Fixture	Aluminum Diecasting-LM6
Junction Temperature -Tj	95°C
Case Temperature- Tc	60°C

