

DATASHEET

Updated:2022

ORDERING CODE: MFLPSL150MW

SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	150 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.652A
Power Factor	> 0.97
Athd.	CLASS C
Efficiency	88%
Temperature Class	T6
IP Standard	IP 65
Total Weight	6-7 Kg
Starting Time	Instant (0.2 Sec)
Warranty	3 Years

SPECIFICATIONS OF LED	
LED type/No of LED Lamp	COB/Single
Total Lumen	16824-18535
Lumen Efficacy (Lm/ Watt)	119- 131lm/W @ 60° C LED Tc
Lumen Efficacy (Lm/ Watt)(Including all losses)	112-123 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	141W /2611 mA / 54 V
Lamp Life (COB/SMD)	1,60,000 / 50,000 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 Lens
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

