

DATASHEET

Updated:2022
ORDERING CODE: MFLPWG30FM


SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	30 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.130A
Efficiency	>84%
Temperature Class	T6
IP Standard	IP 65
Total Weight	6-7 Kg
Starting Time	Instant (0.2 Sec)
Warranty	2 Years

SPECIFICATIONS OF LED	
LED type / No of LED Lamp	COB/ Single
Total Lumen (As per simulation Tool)	3420-3800
Lumen Efficacy (Lm/ Watt)	130-151 lm/W @ 60° C LED Tc
Lumen Efficacy (Lm/ Watt) (Incl.all loses)	114-126 lm/W @ 60° C LED Tc
Color / Color Rendering index	CCT 2200K-6500K / RA 70
SP Ratio	2.25
MAC ADAM ELIP STAGE	STEP 3
LED -Wattage/Current/Voltage	26.3 W / 700 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

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	96%

SPECIFICATIONS OF FIXTURE \ HEAT SINK	
Make of Fixture	PLUTO FLAMEPROOF CONTROLS
Certification	IP 65
MOC Fixture	Aluminum Diecasting-LM6
Junction Temperature -Tj	95°C
Case Temperature- Tc	62.4°C

