

DATASHEET

ORDERING CODE: MFLPFL120MW

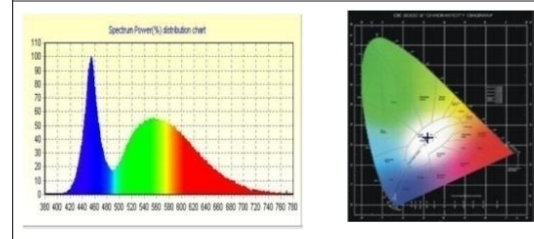


SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	120 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	0.593A
Power Factor	> 0.96
Athd.	CLASS C
Efficiency	91.5%
Temperature Class	T6
IP Standard	IP 65
Total Weight	16 Kg approx.
Starting Time	Instant (0.2 Sec)
Light Spreading Angle	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-048-1812 V6	
LED type / No of LED Lamp	COB/ Single	
Total Lumen (As per simulation Tool)	15357	
Lumen Efficacy (Lm/ Watt)	140 lm/W @ 60° C LED Tc	
Lumen Efficacy (Lm/ Watt) (Incl.all losses)	128 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	111.1 W / 2000 mA /55.77 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	ELG-150-54	
Type of Driver	Constant Current	
Input Voltage Range	90 - 295 VAC, 127 - 417 VDC	
Frequency Range	47 - 63 Hz	
Inrush current	Cold Start 65A	
Leakage current	0.75mA/ 277VAC	
Output Protection	Short Circuit, Over Voltage/ Current/ Temperature	
Withstand Voltage	I/P-O/P : 3.75KVAC	
Surge Protection	Line-Earth 6KV, Line-Line 4KV	
MTBF /DMTBF	313.66Khrs min	
Capacitor Life Cycle	52859 Hrs @ 60°C	

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

SPECIFICATIONS OF FIXTURE \ HEAT SINK	
Make of Fixture	Sudhir Switch Gear
Certification	IP 65
MOC Fixture	Aluminum Diecasting-LM6
Junction Temperature -Tj	89°C
Case Temperature- Tc	60°C