

DATASHEET

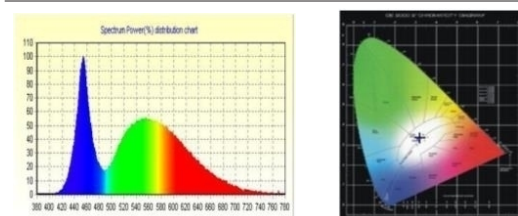
ORDERING CODE: MFL300MW



SPECIFICATIONS OF LUMINARY.	
Luminaries wattage	300 Watt (+/- 5%)
Input Voltage	230 VAC
Input Frequency	50 Hz
Input Current	1.304A
Power Factor	> 0.98
Athd.	CLASS C
Efficiency	93.5%
Temperature Class	T6
IP Standard	IP 65
Total Weight	10 Kg Approx
Starting Time	Instant (0.2 Sec)
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/ 2 Nos	
LED type / No of LED Lamp	COB/Double	
Total Lumen (As per simulation Tool)	36452	
Lumen Efficacy (Lm/ Watt)	132 lm/W @ 60° C LED Tc	
Lumen Efficacy (Lm/ Watt) (Incl.all loses)	121 lm/W @ 60° C LED Tc	
Color / Color Rendering index	CCT 6500K / RA 70	
SP Ratio	2.25	
MAC ADAM ELIP STAGE	STEP 3	
LED -Wattage/Current/Voltage	276 W / 5111 ma / 54V	
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	ELG 150-54 ,2 nos	
Type of Driver	Constant Current	
Input Voltage Range	100 - 305 VAC, 142 - 431 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	L-N : 2KV, L,N-PE : 4KV	
MTBF /DMTBF	826.7 Khrs min. / 50,000 Hrs @ 70 °C	
Capacitor Life Cycle	32869 Hrs @ 60°C	

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

SPECIFICATIONS OF FIXTURE \ HEAT SINK	
Certification	IP 65
MOC Fixture	Aluminum Diecasting Lm6 Grade
Junction Temperature -Tj	93°C
Case Temperature- Tc	60°C