

TECHNICAL PARAMETERS

LUMINARIES	MMA-001-A030	MMA-002-A045	MMA-003-A060	MMA-004-A100	MMA-004-A120	MMA-009-A150	MMA-010-A200	MMA-010-A250
Power Consumption (Wattage)	30W	45W	60W	100W	120W	150W	200W	250W
Power Factor	> 0.95							
THD	< 10%							
IP Rating	IP 65							
Beam Angle	120°x80° / 140°x80°							
Warranty	Standard Warranty 2 Years							

LED LAMP	
LED Make	Citizen / Bridgelux
LED type	COB
Total Lumen	3900lm 5850lm 7800lm 13000lm 15600lm 19500lm 26000lm 32500lm
Lumen Efficacy (Lm/Watt)	> 130lm/w
Color Temperature (CCT)	3000k / 5000k / 6500k
Color Rendering Index (CRI)	> 70Ra / > 80Ra

LED DRIVER	
Driver Make	Maxlit / Philips / Inventronics / Meanwell
Type of Driver	Constant Current (CC)
Input Voltage Range	110VAC~275VAC / 90VAC~305VAC, 50 - 60Hz
Output Protection	Short Circuit, Over Temperature, Over Voltage, Over Current
Surge Protection	L-N : 6KV, L-E : 6KV
Working Temp.	-10 ~ +55°C

OPTICS & FIXTURE	
Optics Type	Glass Lens / Diffuser
MOC of Optics	Borosilicate Glass
MOC – Heat Sink	Aluminium Casting