

TECHNICAL PARAMETERS

LUMINARIES	MESL-025-A020	MESL-025-A030	MESL-026-A045	MESL-027-A060	MESL-028-A090	MESL-029-A120
Power Consumption (Wattage)	20W	30W	45W	60W	90W	120W
Power Factor	> 0.95					
THD	< 10%					
IP Rating	IP 65					
Beam Angle	90° / 120° / 120°x80°					
Warranty	Standard Warranty 2 Years					

LED LAMP						
LED Make	Bridgelux / Osram / Everlight					
LED type	SMD					
Total Lumen	2200lm	3300lm	4950lm	6600lm	9900lm	13200lm
Lumen Efficacy (Lm/Watt)	> 110lm/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	Poly(methyl methacrylate) - PMMA, Toughened Glass					
MOC – Heat Sink	Aluminium Casting					