

TECHNICAL PARAMETERS

LUMINARIES	MESL-021-A020	MESL-020-A030	MESL-017-A045	MESL-018-A060	MESL-019-A075	MESL-022-A100	MESL-022-A150
Power Consumption (Wattage)	20W	30W	45W	60W	75W	100W	150W
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 8250lm 11000lm 16500lm
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	Borosilicate Glass / Poly(methyl methacrylate) - PMMA Glass
MOC – Heat Sink	Aluminium Casting