



Canopy Lowbay [IP65]

SAMSUNG LED Inside



Type	100W	150W	200W
Optical Specification			
• Color Temperature (CCT)	4000 K / 6500 K		
• Color Rendering Index (CRI)	>80		
• Color Code	840 / 865		
• Luminous Flux	11,200 lm	16,800 lm	22,500 lm
• Luminous Efficacy	112 lm/W	112 lm/W	112 lm/W
• Beam Angle	60° / 90°	60° / 90°	60° / 90°
Electrical Specification			
• Power Consumption (System typ.)	100 W	150 W	200 W
• Input Voltage (typ.)	90 - 305 Vac	90 - 305 Vac	90 - 305 Vac
• Input Frequency (typ.)	50/60 Hz	50/60 Hz	50/60 Hz
• Input Current (typ.)	0.61 A @ 230V	0.61 A @ 230V	0.61 A @ 230V
• Power Factor	> 0.95	> 0.95	> 0.95
• Maximum AC Input Current	< 0.5 A	< 0.5 A	< 0.5 A
• Inrush Current (Cold Start)	≤ 75 A	≤ 75 A	≤ 75 A
• Leakage Current	< 0.75 mA	< 0.75 mA	< 0.75 mA
• Surge Transient Protection	10 kV	10 kV	10 kV
• Insulation Classification	Class I		
• Protection	Short Circuit Protection	Over-Current Protection	Over-Voltage Protection
• LED Chip	Samsung Mid Power LED (LM302B)		
Mechanical Specification			
• Housing Material	Heavy Gauge Cold Rolled Steel Sheet		
• Housing Finishing	Glossy White Epoxy Powder Coated		
• Diffuser / Reflector Material	Polycarbonate		
• PCB Material	Sumitomo LED-Grade CEM-3 PCB		
• Operating Temperature	0°C ~ 40°C		
• Operating Humidity	20 - 90 % RH		
• Ingress Protection	IP20		
• Dimension	365 x 270 x 125 mm	365 x 365 x 125 mm	365 x 270 x 125 mm
• Nett Weight	3.9 kg	5.0 kg	5.4 kg

PRODUCT RELIABILITY

Life Span of Product	> 50,000 hrs
Average Lumen Maintenance after 6,000 hrs	97.3% Initial Lumen
LED 80% Lumen Maintenance (L80)	> 36,000 hrs

COMPLIANCE STANDARD

Safety	EN61347-1 EN61347-2-13 IEC61347-1 IEC61347-2-13 UL8750 GB19510.1 GB19510.14
Electromagnetic	EN55015 IEC61000-3-2 IEC61000-3-3 IEC61547
LED	IES LM-80-08 IES TS-21-11



COLOUR OF LIGHT [4000K] [6500K]