

Highbay- Type C Gen2

OSRAM LED Inside



Power	100W	150W	200W
Optical Specification			
• Color Temperature (CCT)	6500 K		
• Color	Cool White		
• Color Rendering Index (CRI)	>80		
• Color Code	865		
• Beam Angle	110°		
• Luminous Flux	13,000 lm	19,500 lm	26,000 lm
• Luminous Efficacy	130 lm/W	130 lm/W	130 lm/W
Electrical Specification			
• Power Consumption	100 W	150 W	200 W
• Input Voltage Range	180 - 264 Vac	180 - 264 Vac	180 - 264 Vac
• Input Voltage (Nominal)	220 / 240 Vac	220 / 240 Vac	220 / 240 Vac
• Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz
• Power Factor	> 0.95	> 0.95	> 0.95
• Total Harmonic Distortion (THD)	< 15 %	< 15 %	< 15 %
• Maximum AC Input Current	≤ 2.0 A	≤ 2.0 A	≤ 2.0 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 (L/N)	4 kV	4 kV	4 kV
(L/Earth, N/Earth)	4kV	4kV	4kV
• Insulation Classification	Class I		
• Protection	Short Circuit Protection	Over-Current Protection	Over-Voltage Protection
• LED Chip	Osram LED		
• No. of LEDs	84 pcs	132 pcs	180 pcs
• Driving Current	0.16 A	0.15 A	0.175 A
• Max. Driving Current of LED	0.2 A	0.2 A	0.2 A
Mechanical Specification			
• Heatsink Material	Fin-type Stamped Aluminium		
• Reflector Material	High Reflectivity Stamped Aluminium		
• PCB Material	Sumitomo Metal Core PCB (UL 796)		
• Operating Temperature	20°C ~ 50°C		
• Operating Humidity	20 - 95 % RH		
• Ingress Protection	IP54		
• Nett Weight	4.2 kg	4.3 kg	4.3 kg

PRODUCT RELIABILITY

Life Span of Product > 50,000 hrs

Average Lumen Maintenance after 6,000 hrs 96.8% Initial Lumen

70% Lumen Maintenance (L70) > 36,000 hrs

COMPLIANCE STANDARD

Safety EN 61347-1 EN 61347-2-13 IEC 61347-1
IEC 61347-2-13

Electromagnetic EN 55015 IEC 61547 C 61000-4-2,3,4,5,6,8,11

LED IES LM-80-08 IES TS-21-11

 COLOUR OF LIGHT [6500K]