



HIGH POWER LAMP

PRODUCT INFORMATION

- SIMON LED high-power lamps deliver exceptional energy efficiency, reducing electricity consumption by 50% to over 80% compared to traditional HID or metal halide lighting. With a lifespan 25–50 times longer, these lamps significantly lower replacement and maintenance costs.
- Designed for improved safety and performance, SIMON LED lamps offer instant-on illumination, high-quality light output, and minimal lumen degradation over time. Their extreme durability ensures reliable operation even in demanding environments.
- The SIMON LED High Power Lamp range includes 8 models, offering lumen packages from 2000lm to 5000lm to suit a wide variety of applications.

BENEFITS

- LED High Power Lamps deliver excellent color rendering and provide uniform, flicker-free illumination with instant-on performance, eliminating any warm-up time required by traditional lighting.
- Built for durability, they are resistant to shock and vibration, making them ideal for use in challenging and demanding environments.
- These lamps are free from toxic or hazardous materials such as mercury, making them environmentally friendly, safer to handle, and easier to recycle.
- LED High Power Lamps operate reliably in both hot and cold conditions, making them well suited for cold storage facilities, industrial sites, and factories.

FEATURES

- Flicker Free.
- High CRI ≥ 85 .
- Energy Saving.
- Non-Dimmable.
- Long Lifespan 30000H.
- Efficacy up to 124lm/W.
- Input Voltage AC220-240V.



SWITCH TO SIMON, STAY SECURE.

AREAS OF APPLICATION



Hospitality



Public indoor



Shopping Center



Commercial



Workplace



Educational center



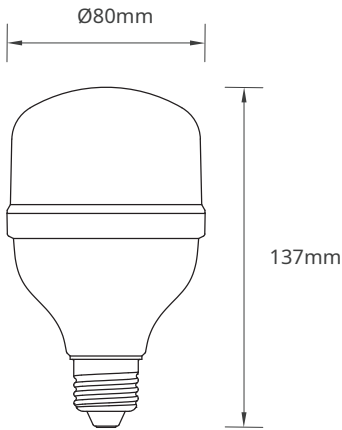
TECHNICAL OPERATING & ELECTRICAL DATA

Voltage & Frequency	AC175-265V, 50/60Hz
Rated CRI	≥85
Dimming	Non-Dimmable
Beam Angle	180°
Ambient Temperature	45°C
IEC Classification	Class II
Body Color	White
Body Material	Plastic + Aluminum
IP Rating	IP20
Lifespan	30000H
Switching Cycle	100000x on/off
Warranty Period	24 Months

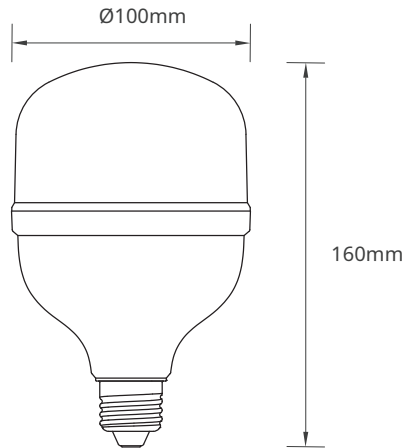
SPECIFICATIONS

Code No.	Model No.	Power	Lumen	Efficacy	CCT	D.F	P.F	Current
SM241119	SIM18HPL830WW01	18W	2000lm	111.11lm/W	3000K	0.87	0.53	145mA
SM241120	SIM18HPL857DL01	18W	2050lm	113.89lm/W	5700K	0.87	0.53	145mA
SM241121	SIM25HPL830WW01	25W	3000lm	120.00lm/W	3000K	0.98	0.97	110mA
SM241122	SIM25HPL857DL01	25W	3100lm	124.00lm/W	5700K	0.98	0.97	110mA
SM241123	SIM35HPL830WW01	35W	3800lm	108.57lm/W	3000K	0.93	0.92	160mA
SM241124	SIM35HPL857DL01	35W	4000lm	114.29lm/W	5700K	0.93	0.92	160mA
SM241125	SIM43HPL830WW01	43W	4700lm	109.30lm/W	3000K	0.96	0.96	190mA
SM241126	SIM43HPL857DL01	43W	5000lm	116.28lm/W	5700K	0.96	0.96	190mA

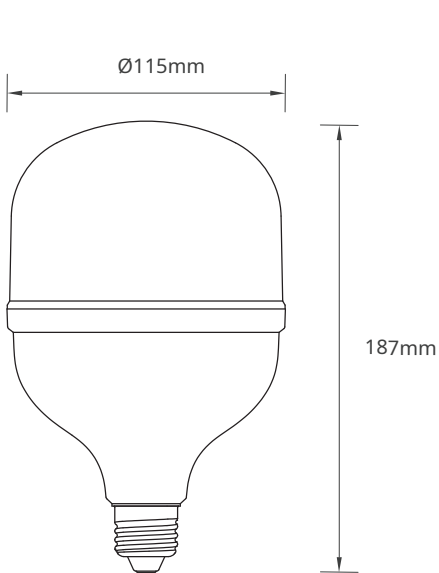
| DIMENSIONS



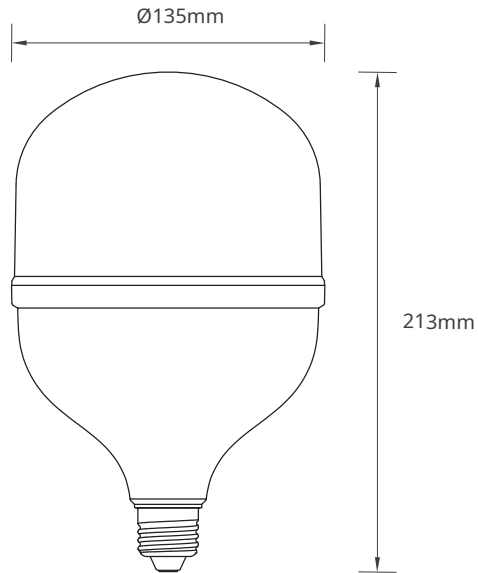
SM241119 - SM241120



SM241121 - SM241122



SM241123 - SM241124



SM241125 - SM241126

APPLICATION PICTURE



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