



≥5500Lm

CRI≥80

PF≥0.95

Features

- Fin shape heat sink with surface area for cooling up to 5000mm² per watt, to make sure no overheat of LED, Junction temperature controlled around 100°C (Junction temperature capacity up to 140°C)
- High performance and durable power supply: Main components are imported. Efficiency factor up to 0.9, power factor at ≥0.95, multiple protections: Short circuit / Over load/ Over voltage/ Over temp.
- Detachable: LED part and power supply part is Separable and Replaceable. This design lessens maintenance cost and simplifies replacement if there is any failure
- Optical glass lens with special design to have less light output loss (light transmission≥93%) and symmetric beam patter

Specification

Product Name	Saturn HB-50	IP Protection	IP54, IP65 (Optional)
Rated Power	50W	Dimension	190x119mm, 165x119mm
Luminous Efficiency	90-100Lm/W	Base Lamp	E40/ Rigid mount
Luminous Flux	≥5500Lm	Replacement	150W HID
Color Temp.	Warm white (3000K±300) Natural white (4500K±400) Cool white (6500K±500)	Material	Extrusion aluminum 6063
CRI	≥80	Lens Material	Optical glass
Beam Angle	45°, 65°, 85°, 120°	Lens Transmission	≥93%
Input Voltage	AC 170-250V	Weight	0.98 KG
Frequency	50/60Hz	Operating Temp.	-25°C to 45°C
Power Factor	≥0.95	Operating Humi.	10% to 90%
Power Efficiency	85%-90%	Certificate	CE, RoHS, TISI
Output Current	0.23A	Life Span	≥50000Hrs.
Harmonic (THD)	≤10%	Warranty	3 Years

Remark: The information contained in this document is subject to change without notice.

