

SATURN 100W LED High Bay Lighting

5000K 13000lm



PRELUX LED PRODUCTS

Product Code: PXSAT100W



Technical Specifications

Model	Voltage	Power	Power Factor	Lumen (±5%)	Beam Angle	CCT	Lifespan	CRI	Dimensions
100W	AC100-277V	100W	≥0.95	13000	120°	5000K	100000h	≥70	Ø383mm x 193mm

Driver Data Sheet

Driver Data	Non-dim
Input Rated Voltage	AC100-277V
Frequency	47/63Hz
Efficacy	Up to 130lm/W
LED Life Projection	100,000 hours
Energy Savings	Up to 90%
Standard Beam Angle	120
Driver	Meanwell
Weight	6-7kg
Glass Diffuser	Tempered Safety
Body	Aluminium Alloy
Nichia LED Chips (1.4W)	112pcs
Flex (Other Lengths/Plugs Optional)	0.3m
Warranty	5 Years

Fixture Compatibility

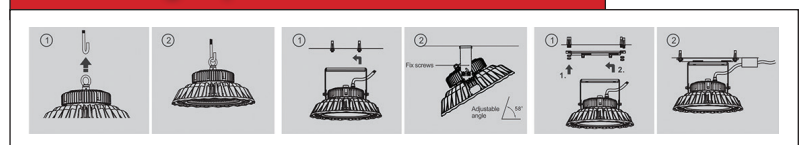
Rated Wattage	100W
Ingress Protection	IP65
Operating Temperature	-30°C~50°C

Superior Lighting Performance

Saturn outperforms conventional LEDs

150W Saturn	Other LED 150W
<p>312 lux working plane</p>	<p>199 lux working plane</p>
<p>0.474 Uniformity</p>	<p>0.394 Uniformity</p>

Mounting Options



The energy savings and maintenance benefits of the Prelux Saturn LED are significant. Available in 70W, 100W and 150W versions the Saturn High Bay from Prelux is an innovation in LED high bay lighting. Rather than using a standard COB design our designers have moved to a smarter SMD design which provides for a smaller, lighter, and more powerful solution.

A long maintenance free life is a vital requirement of LED, and heat management governs LED life. Saturn's superior temperature management, supported by the use of under driven, high specification components means Saturn is perfect for even the toughest conditions.

Saturn's inherent reliability is ensured by a rigorous production line inspection and testing, and thorough burn-in procedures. **We're so confident that Saturn will meet your high bay requirements that it comes with a 5 year warranty.**