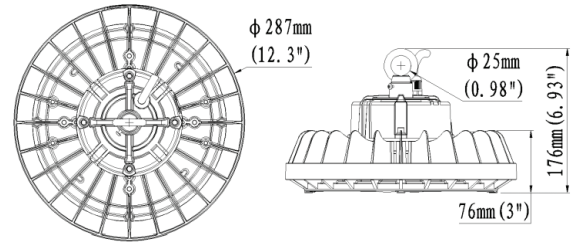


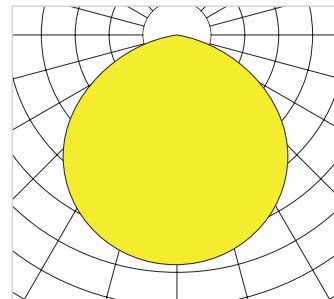
Saturn XL 100W Datasheet

100W 12,000Lm LED Highbay

PXSAT100XL



Light Distribution Curve



Beam Angle
H00A04
(120°)



RoHS

IP65

LED

100W

| | |
|------------------------------|----------------------------|
| Dimensions | ø287*176mm |
| Input Voltage | AC200~240V 50/60Hz |
| Input Power | 100W ±5W |
| Power Factor | ≥0.9 |
| Beam Angle | H00A04 (120°) |
| Housing Color | Black |
| Luminous Flux | 12000Lm (±5%) (5000K Ra70) |
| Color Rendering Index | Ra70 |
| Lifetime | >50,000Hrs (Ta=30°C@L70) |
| Fixture Material | Aluminium Alloy |
| Colour Temperature | 5000K |
| LED Type | SMD |
| Protection Level | IP65 |
| Luminaire Nett Weight | 3.6±0.3kg (7.94±0.66Lbs) |
| Storage Temperature | -40°C~+70°C |
| Working Temperature | -30°C~+50°C |
| Luminous Efficacy | 120Lm/W (±5%) (5000K Ra70) |
| Certification | CE |
| Warranty | 5 Years |

Features & Applications

The Prelux Saturn XL range provides a new level of innovation in maintenance free LED high bay lighting. By discarding the standard COB and opting instead for a smarter, more efficient SMD design, the Saturn range provides a smaller, lighter and more powerful solution.

Saturn XL is manufactured using modern cold forging techniques resulting in better thermal cooling performance in a lighter housing. The heat sink is designed to generate optimum airflow around the fixture to avoid dirt and dust accumulating, making it ideal for the toughest of industrial applications. The superior temperature management also adds greatly to the long maintenance free life of the LEDs.