

SATURN

Power and CCT selectable high bay.
Up to 193 l.lm/c.W, with sensor,
dimming and daylight harvesting
options



AVAILABLE WITH OPTIONAL WIRE GUARD
TO ACHIEVE IK10 RATING

APPLICATIONS

- Factories, workshops and warehouses
- Large retail outlets
- Public areas such as airports and railway stations
- Mounting heights of 5m+, Ta 0-45°C

SPECIFICATION

- Die-cast aluminium body and steel gear tray housing, all painted white (RAL9016)
- LEDs, individually lensed, on MCPCB
- Power selectable. 100W, 150W or 200W
- CCT selectable. 4000K, 5000K or 6500K
- Socket for an optional plug-in sensor
- Driver with 0-10V input (use optional), compatible with the sensors listed
- For suspension on V-hooks or on surface brackets ordered separately
- Pre-wired with 2m of VDE approved H05RN-F 1.0mm² flex, with IP54 rated cable gland

OPTIONS

Light distribution. Supplied with a choice of 2 lenses:

- 90° - for general purpose use
- High rack (HR) for narrow aisles and / or greater mounting heights

Plug-in sensors – available to be ordered as separate items. They have a 0-10V output, compatible with the driver fitted as standard. Two sensors are available:

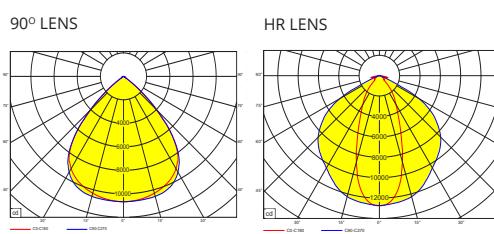
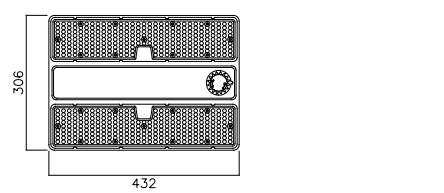
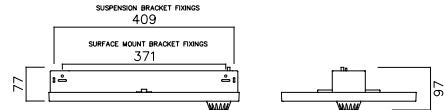
- Passive infra-red (PIR)
- Microwave (MW)
- A programming handset is required to commission the sensors, listed opposite

Emergency – maintained 3 hours with lithium (LiFePO₄) batteries

- M3L: Manual test
- STM3L: Self-test
- CSDAM3L: Casambi addressable test
- HSDAM3L: HubSense addressable test

Dimming

- DA: DALI dimming
- CS: Casambi smart wireless control
- HS: HubSense smart wireless control



KEY FEATURES

EFFICIENT – Up to 193 luminaire lumens per circuit watt

WATTAGE SELECTABLE – Choice of 100W, 150W & 200W outputs

CCT SELECTABLE - Choice of 4000K, 5000K & 6500K via slider switch

PLUG & PLAY SENSORS – Choice of Passive Infrared (PIR) or Microwave (MW) sensors

SMART WIRELESS CONTROLS



SATURN can be supplied with either **HubSense** or **Casambi** smart wireless control built-in.

Casambi and **HubSense** use Bluetooth wireless technology to provide comprehensive lighting control, including scene setting, energy saving and addressable emergency testing.

Contact our technical team for details – technical@nvcuk.com

SATURN

An alternative to a traditional high-bay. It performs a very similar function to our JUPITER PRO, but in a rectangular, white painted format.



Microwave



PIR

Sensors – easy to fit.... The optional microwave or PIR sensors plug-in to the socket – no wiring required. As standard these are dimming sensors, so they can be commissioned to provide daylight harvesting and similar functions. With mounting heights up to 12m (PIR) and 15m (MW), these sensors are designed for large spaces.



SATURN is supplied as standard with V hooks for suspension. Surface mounting brackets, also shown here, are available to be ordered separately if required..



Adaptable - Can be commissioned to run at 100W, 150W or 200W, and at 4000K, 5000K or 6500K

Standard, including manual test emergency (M3L)

ORDER CODE	POWER (W)	LUMENS (lm)	EFFICACY (l.lm/c.W)	BEAM ANGLE	CRI	CCT (K)
NSA/100-150-200/90D/840-50-65	100 / 150 / 200	17247 / 25483 / 33352	182 / 180 / 175	90°	>80	4000 / 5000 / 6500
NSA/100-150-200/90D/M3L/840-50-65	100 / 150 / 200	17247 / 25483 / 33352	182 / 180 / 175	90°	>80	4000 / 5000 / 6500
NSA/100-150-200/HR/840-50-65	100 / 150 / 200	18171 / 25203 / 33424	193 / 181 / 175	High Rack	>80	4000 / 5000 / 6500
NSA/100-150-200/HR/M3L/840-50-65	100 / 150 / 200	18171 / 25203 / 33424	193 / 181 / 175	High Rack	>80	4000 / 5000 / 6500

DALI Dimmable

ORDER CODE	POWER (W)	LUMENS (lm)	EFFICACY (l.lm/c.W)	BEAM ANGLE	CRI	CCT (K)
NSA/100-200/90D/DA/840-65	100 / 150 / 200	17247 / 25483 / 33352	182 / 180 / 175	90°	>80	4000 / 5000 / 6500
NSA/100-200/HR/DA/840-65	100 / 150 / 200	18171 / 25203 / 33424	193 / 181 / 175	High Rack	>80	4000 / 5000 / 6500

Accessories

ORDER CODE	DESCRIPTION
NSA/ZHAGA/MW/SENSOR	Saturn Zhaga MW Sensor
NSA/ZHAGA/PIR/SENSOR	Saturn Zhaga PIR Sensor
N/HB/PIR-MW/PROG/HS	High Bay PIR & MW Sensor Programming Handset
NSA/SURF-MNT/BRKTS	Saturn Surface Mount Brackets
NSA/WG	Saturn Two Part Wire Guard



Easy to commission. If you are fitting a sensor, it will need to be commissioned. This infrared handset makes the process simple and convenient.