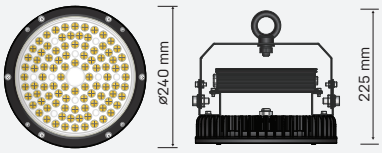
Highbays

HANECO
IDEAS THAT SHINE

SUPERNOVA

SN80WS-I

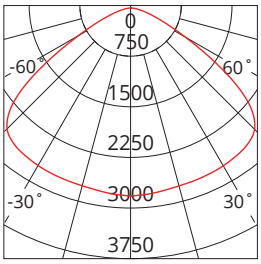
SAP CODE: 2000885



80W, Intellisensor, high intensity, compact LED highbay

An efficient, compact, high impact resistance LED highbay with Intellisensor for automatic standby dimming.

Photometric Diagram



Unit: cd
– C0/180 110.0deg
– C90/270 110.0deg

KEY INFORMATION

Lumen Output	10450lm
Input Power	80W
Hole Cutout Size	N/A
Install	SUSPENDED, SURFACE MOUNT
Dimming Options	1-10V Dimming
Trim Colour	BLACK
Warranty	5yr
IP Rating	IP65
IK Rating	IK10
IC Rating	N/A
Rebate Scheme Approvals	N/A

PHOTOMETRIC

Efficacy	131lm/W
LED	SMD
CCT	5000K
CRI	>80
Beam Angle	110°

ELECTRICAL

Driver	Remote
Supply Input	220-240V, 50/60Hz
Driver Output Voltage	30-60VDC
Power Factor	>0.9
LED Input Current (nominal)	1600mA
Useful life @Ta25° (L70)	50,000hr

CONSTRUCTION

Housing	Aluminium 1070
Optic	Polycarbonate Diffuser
Adjustable Angle	0-180°
Fixings/Hardware	Mounting Bracket
Connection Type	2.5m Flex & Plug
Total Weight	3.3kg
Dimensions	Ø240x225mm
Operating Ambient Temp.	-30 to 60°C
Electrical Classification	Class 1

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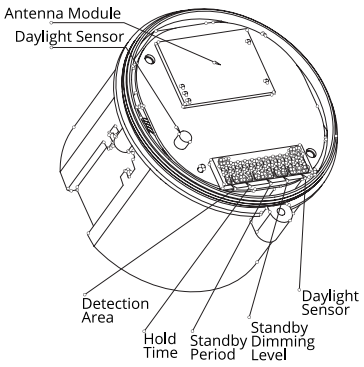
Intellisensor

Motion sensor for warehouses

Combine daylight & high frequency motion detection in one unit to achieve on/off control

Detection range, hold time, standby time and daylight threshold can be preset.



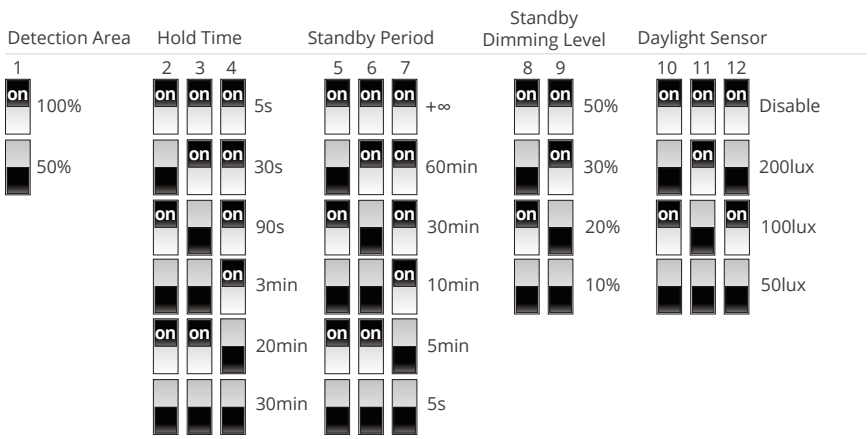
QUICK FACTS

- **Automatic dimming when used in combination with 1-10V dimmable LED drivers**
- **Built in adjustable daylight sensor**
- **Detection area, time delay and daylight threshold can be precisely set via DIP switch**
- **Wide detection area, range up to 16m in diameter and mounting height of 15m max. Suitable fro warehouse use**
- **Optional mounting brackets for different application**

ELECTRICAL

Load Wattage	**Max. 500w**
Standby Power	**<0.5w**
Microwave Frequency	**5.8Ghz1**
Detection Area	**<0.2mW**
Detection Sensitivity	**15m x 16m (DxH)**
Detection Angle	**150° (Wall Installation)** **360° (Ceiling Installation)**
Hold Time	**5s / 30s / 90s / 3min / 20min / 30min**
Daylight Sensor	**50lux / 100lux / 200lux / Disable**
Standby Time	**0s to 30min+**
Standby Dimming Level	**10%/ 20% / 30% / 50%**
Daylight Threshold	**50lux / Disable**
HF System	**5.8Ghz**
Mounting Height	**15m Max.**

DIP SWITCH SETTINGS



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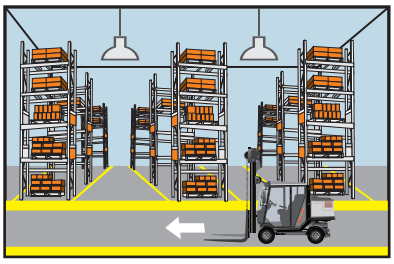
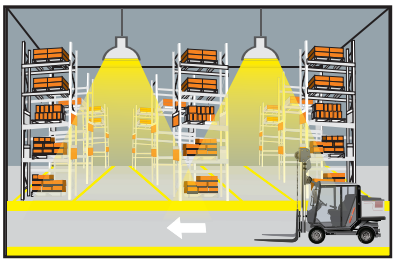
DIMMING FUNCTION

3 Step Dimming Function

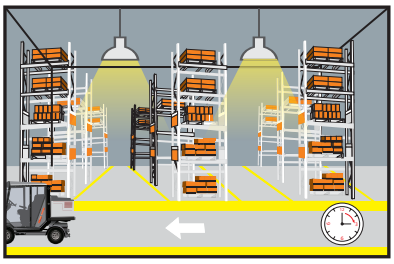
When used in combination with 1-10V dimmable LED drivers and ballasts, the sensors can achieve 3-step dimming function, 100% → low light → off. And the sensors build in adjustable daylight sensors, very easy to install and cost-effective



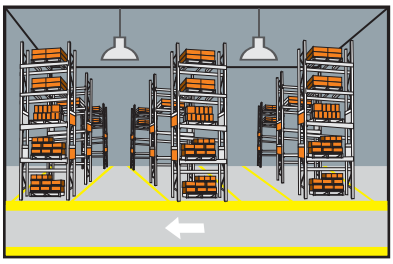
With sufficient ambient light, the sensor does not switch off the lamp



With insufficient ambient light, the sensor switches on the lamp when motion is detected

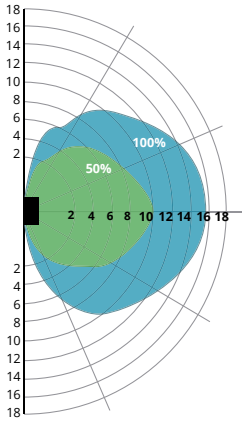


After hold time, the sensor dims the lamp at a low light level if no new motion trigger



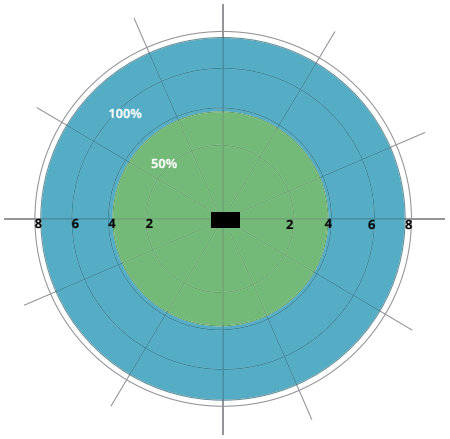
After standby period, the sensor switches off the lamp if no motion is detected in its detection zone

DETECTION AREA



Wall Mount
150° Detecion Area

Wall mount can detect up to 16m



Ceiling Mount
360° Detecion Area

Ceiling mount can detect up to 8m radius