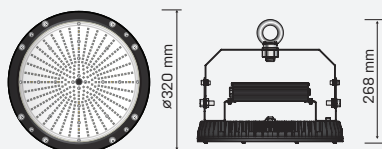# HANECO
IDEAS THAT SHINE

SKYPAD

SKYPAD120W-I

SAP CODE: 2000883

ø320 mm

268 mm

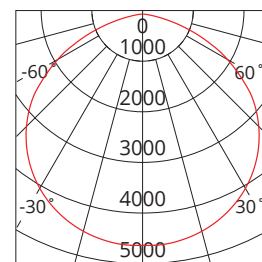## 120W, Intellisensor, powerful LED highbay

A powerful, cost effective LED highbay for lighting large industrial spaces. It has Intellisensor for automatic standby dimming.

Accessories

BRACKET; DIFFUSER; REFLECTOR; SURFACE MOUNT KIT; WIREGUARD

Photometric Diagram

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

KEY INFORMATION

Lumen Output	**17320lm**
Input Power	**120W**
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	**144lm/W**
LED	**SMD**
CCT	**5000K**
CRI	**>80**
Beam Angle	**110°**

ELECTRICAL

Driver	**Remote**
Supply Input	**220-240V, 50/60Hz**
Driver Output Voltage	**40-62VDC**
Power Factor	**>0.9**
LED Input Current (nominal)	**2400mA**
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	**4kg**
Dimensions	**Ø320x268mm**
Operating Ambient Temp.	**-30 to 60°C**
Electrical Classification	**Class 1**

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Specification subject to change without prior notice. Last updated **16/08/2018**

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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.

Antenna Module
Daylight Sensor

Detection Area
Hold Time
Standby Period
Standby Dimming Level
Daylight Sensor
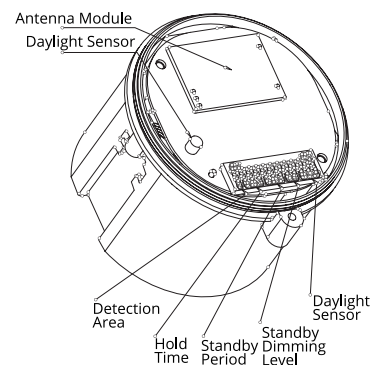
QUICK FACTS

- 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

Detection Area	Hold Time			Standby Period			Standby Dimming Level		Daylight Sensor		
1	2	3	4	5	6	7	8	9	10	11	12
100%			5s			+∞		50%			Disable
50%			30s			60min		30%			200lux
			90s			30min		20%			100lux
			3min			10min		10%			50lux
			20min			5min					
			30min			5s					

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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
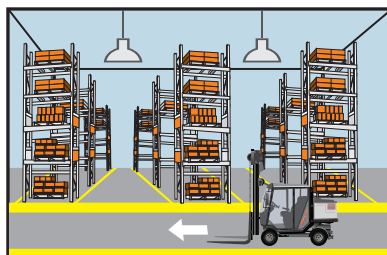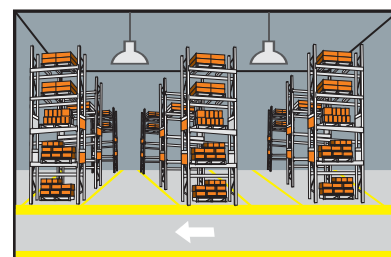
With sufficient ambient light, the sensor does not switch off the lamp
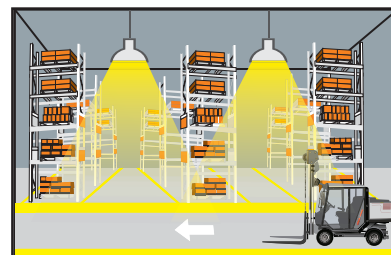
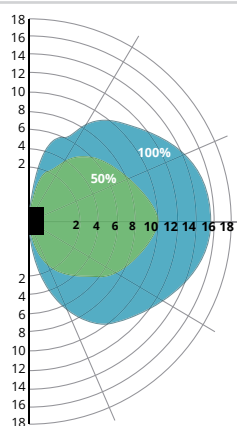With insufficient ambient light, the sensor switches on the lamp when motion is detected
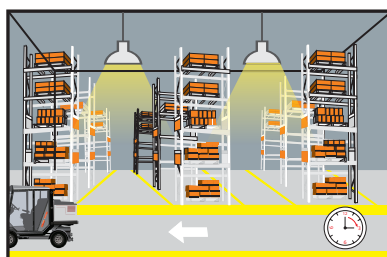
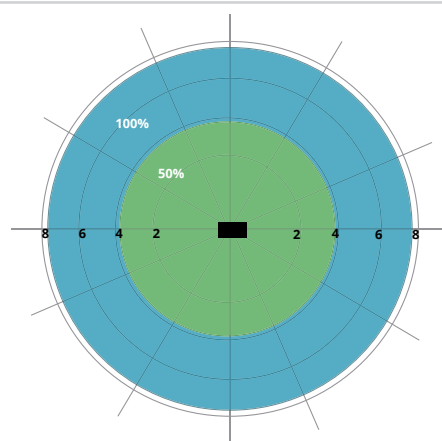After hold time, the sensor dims the lamp at a low light level if no new motion trigger

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