UFO II SHB25HES - 80/180W

Dimmable IP65 LED multi function highbay or lowbay, with quick connect sensor

Application

Low profile 0-10V dimmable LED highbay, ideal for commercial or industrial warehouse installations

Design Specifications

- Multifunction highbay or lowbay with quick connect plug and play step dimming sensor
- SHB25HES series is designed with a quick connect, plug and play, programmable microwave sensor with standBY function. Default settings are; Detection range: 100%, Hold time: 20 mins, Standby dimming level: 50%, Standby period: always ON, Daylight threshold: disable.
- High efficiency SMD LED chips, with an impressive 150lm/W optical performance, CCT 5700K, CRI > 80
- 120 degree beam distribution, polycarbonate diffuser
- Integral 0-10v dimmable LED driver with 4KV surge protection, IP65, IK08 rated, complete with flex and plug for easy installation
- Multifunction lowbay and metallic reflector accessories available for standard models, sensor or multipower optical accessories are not available

Performance

Dimmable - **YES**
Dimmer Type - **0 -10V**

Technical Specification

Model No.	Description	Input Voltage (V/AC)	Power (W)	Lumens (lm)	CCT (K)	Beam Angle (°)
SHB25HES80	LED HIGHBAY 80W 5700K SENSOR	240	80	12000	5700	120
SHB25HES120	LED HIGHBAY 120W 5700K SENSOR	240	120	18000	5700	120
SHB25HES180	LED HIGHBAY 180W 5700K SENSOR	240	180	27000	5700	120
SHB25HES/RC	SHB25HES SENSOR REMOTE CONTROL	12				

Technical Specification

Model No.	CRI	Body Colour	Dim (mm)	Mass (kg)
SHB25HES80	80	BLACK	320(W) x 252(H)	3.3
SHB25HES120	80	BLACK	320(W) x 252(H)	3.5
SHB25HES180	80	BLACK	320(W) x 267(H)	4
SHB25HES/RC		WHITE		0.15

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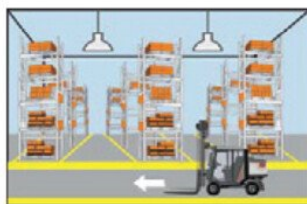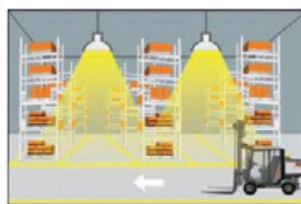
Dimensions

Sensor Technical Specifications

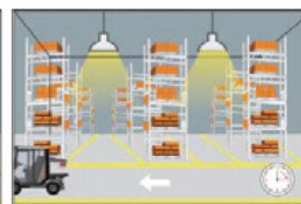| Model No.	Microwave Frequency	Microwave Power	Detection Angle	Detection Range	Mounting Height	Operating Temperature
SHB25HES80	5.8 GHz ± 75MHz	< 0.3mW	30~150°	Max.Ø14m (ceiling mount)	Max.15m (ceiling mount)	-20 to 40
SHB25HES120						
SHB25HES180						

SHB25 ACCESSORY COMPATIBILITY TABLE - MAY 2020

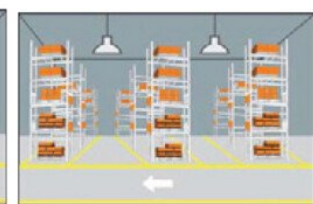| ACCESSORY	SHB25/120PFD	SHB25/120PFP	SHB25/120PLB	SHB25/120PMR	SHB25/120P90	SHB25/180P60	SHB25/180PFD	SHB25/180PFP	SHB25/180PLB
MODEL									
SHB25/80	YES	YES	YES	YES	YES				
SHB25/120	YES	YES	YES	YES	YES				
SHB25/180						YES	YES	YES	YES
SHB25HE/80	YES		YES	YES					
SHB25HE/120	YES		YES	YES					
SHB25HE/180	YES		YES	YES					

Ambient lux > Set daylight lux
Light keeps off

Motion activated
Light turns on to 100%

Stand-by (no motion)
Light dim to standby level

After stand-by (no motion)
Light: switched off

NSW/ACT: 02 9723 3099
QLD: 07 3879 5999
VIC/TAS/SA/NT: 03 9532 3168
WA: 08 9248 7458
www.sal.net.au

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PDF Prepared: 11.1.2021 1:12pm
Last page update: Oct 2020
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SHB25HES/RC

ON/OFF
Turn on or turn off the remote control.

WM/PIR
Change from the microwave sensor function to PIR sensor function, and the other around.

Scene
Press the button to change from the different scene options.daylight threshold disabled.

Start
Press the button before choosing the parameters; or press it for 10S, it will be RESET function.

Memory
Press the button after choosing all the parameters to save them.

Apply
Press the button to deliver the saved settings to the other sensors directly.

Hold time
The period of light keeping 100% brightness after moving objects leave the detection area.

Stand-by period
The period of light keeping low output before it gets completely off. When it's preset as --, the light always keep at low output even no movement in the detection area.

Power %
Press the button to change the output power from 0% to 100%, it changes 5% every press.

Test (2s)
The button "Test (2s)" is for testing purpose after commissioning.Pressing this button, the sensor goes to test mode (hold time is only 2s).

Daylight Threshold
Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux

Detection Rarea
The area in which movement will trigger the sensor, 100% detection area also means strong sensitivity.
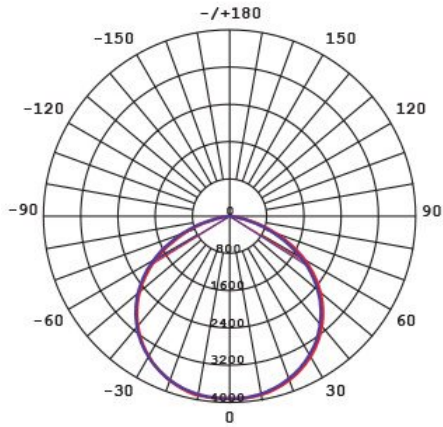
Stand-by dimming level
The definition of low output during the standby period.
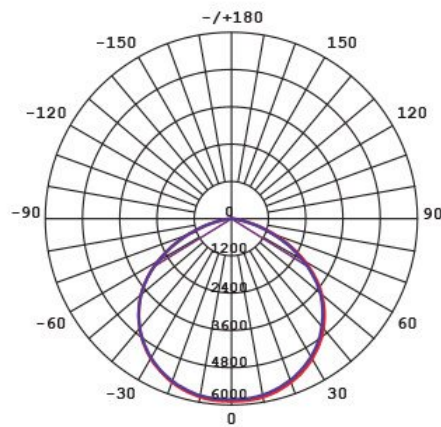
Increase or decrease the parameters.

Photometric Data

Unit: cd C0/C180 _____ C90/C270 _____

SHB25HE80 at 5700K

SHB25HE120 at 5700K

Product Images