

Swiss Solutions Industrial High Bays HB8100 IP65

SWISS SOLUTIONS Industrial High Bay HB8100 IP65 IK08

High quality industrial high bay developed for Industrial Halls, Outdoor areas, High ceiling applications. The driver is ON/OFF type electronic 220-240Vac, 50/60Hz.

Optional drivers: DALI.

Power factor: >0,9.

Protection IP65 and IK08. Insulation Class I.

Complies with relevant EMC regulations EMC emission EN5015, EN61000-3-2.

Suitable for persons with high sensitivity to UV radiation and blue spectrum part.

Housing: Aluminium powder coated RAL870-3 Grey.

Diffuser: Polycarbonate optical lenses.

LED Light source: **3-CCT** 3000K, 4000K, 5000K, CRI +80, **Colors adjustable** via DIP-Switches

Lightbeam: 120° and 60°.

Power consumption: 100, 120, 150, 200 Watt. **Power adjustable** 50%, 75%, 100% via DIP-Switches.

Light output: 20.000, 24.000, 30.000, 40.000 lumen (@5.000K). **Output adjustable** via Power DIP-Switches.

Fastening: Stainless Steel (V4A) screw connection, optional available direct mounting bracket and 0,5m safety chain.

Dimensions: Ø 282x140mm and Ø 325x140mmmm.

Calculated life time LED modules:

L80B10 ta25 - >100.000 hours. Efficacy 200lm/W (@25°, 50% relative humidity).

Tolerance of luminous flux and power input of the lighting fixture +/- 10%.

For ambient temperatures of ta -30° up to + 50°C.

Manufacturers warranty: 5 years. RED DOT Winner 2024.

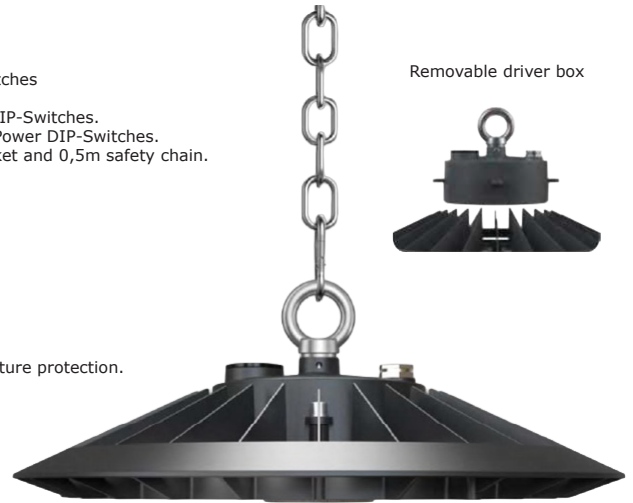
Special design with internal driver box outside of the LED area and special cooling design.

Optional accessories: Motion sensor, Daylight, PIR, Wireless, Sensor (IP65)

Protection tested and pass: Short circuit protection. Over voltage protection, Over temperature protection.

Safety and EMC:

ENEC, IECCE, EMC, CE, RoHS tested and certified by TÜV Rheinland



Removable driver box

Article numbers:

Article No.	Description	Watt	Lumen	AxB mm	Ta (°C)	Light color	Light beam	Type
83SW4610	Swiss Solutions Industrial High Bay HB8100-100	100W	20.000	Ø282x140	30°C≤ta≤50°C	3 CCT	120°	On/Off
83SW4611	Swiss Solutions Industrial High Bay HB8100-120	120W	24.000	Ø282x140	30°C≤ta≤50°C	3 CCT	120°	On/Off
83SW4612	Swiss Solutions Industrial High Bay HB8100-150	150W	30.000	Ø282x140	30°C≤ta≤50°C	3 CCT	120°	On/Off
83SW4613	Swiss Solutions Industrial High Bay HB8100-200	200W	40.000	Ø282x140	30°C≤ta≤50°C	3 CCT	120°	On/Off
83SW4615	Swiss Solutions Industrial High Bay HB8100-100	100W	20.000	Ø325x140	30°C≤ta≤50°C	3 CCT	60°	On/Off
83SW4616	Swiss Solutions Industrial High Bay HB8100-120	120W	24.000	Ø325x140	30°C≤ta≤50°C	3 CCT	60°	On/Off
83SW4617	Swiss Solutions Industrial High Bay HB8100-150	150W	30.000	Ø325x140	30°C≤ta≤50°C	3 CCT	60°	On/Off
83SW4618	Swiss Solutions Industrial High Bay HB8100-200	200W	40.000	Ø325x140	30°C≤ta≤50°C	3 CCT	60°	On/Off

Accessories:

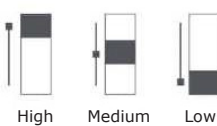
Article No.	Description
83SW4620	HB8100 Microwave Sensor Zhaga/Casambi IP65
83SW4621	HB8100 PIR Sensor Zhaga/Casambi IP65
83SW4622	HB8100 Wireless Module Zhaga/Casambi IP65
83SW4623	HB8100 Remote control
83SW4624	HB8100 Direct mounting bracket
83SW4625	HB8100 0,5m Safety chain with 2 carabiners
83SW4626	HB8100 Aluminium Reflector 90° lateral glare reduction
83SW4627	HB8100 PC Reflector 90° side diffused



Optional Reflectors



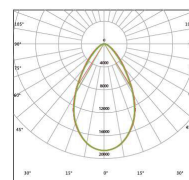
Power output selectable



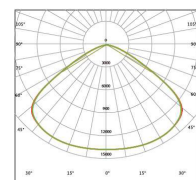
CCT selectable



Light beam 60° or 120°



H00212 (60°)



H00210 (120°)