siteco

Order No.: 51HN12DB4VLA03 | **GTIN (EAN):** 4069025374318

Product description: HB11/Lic-mx,wd,56000lm840,DA2,M-Sens

high bay luminaire Highbay 11 for Licross trunking rail maxi; direct symmetric wide distribution, light control with lens of PMMA; UGR ≤ 22 (X = 4H | Y = 8H | S = 0.25H | reflection values 70/50/20); luminous flux: 56.000lm; light colour: 840, colour temperature: 4000K, MacAdam ≤ 2 SDCM (initial), colour rendering: CRI > 80; luminous efficacy: 189,9lm/W; rated service life: 100.000h (L95) at AT= 25°C; control: DALI 2; for wired networking: open and standardized DALI2 interface enables full flexibility and future-proofing for changes in use or functional adaptation through individual programming; multi-sensor luminaire consisting of a DALI2 multi-sensor and DALI2 ECG; multi-sensor luminaire for wired connection to a DALI2 application controller (e.g., SITECO Connect 11 or 21); can also be connected to existing on-site lighting or building automation systems upon request; integrated DALI2 sensor certified according to IEC 62386, Parts 101, 103, 303, and 304; integrated DALI2 ECG provides luminaire data (according to IEC 62386, Part 251), energy data (Part 252), and monitoring and analytics data (Part 253) to higher-level systems for further processing; luminaire with PIR sensor (passive-infrared); with light sensor; luminaire connection: plug, 5-pole, with phase selectionmains connection: 230..240V, AC 50/60Hz; connected load: 294,9W; protection rating (complete): IP64; insulation class (complete): insulation class I (protective earthing); protection symbol: D; certification: CE, UKCA; internal wiring halogen-free; luminaire LABS conformity tested according to VDMA 24364:2018-05; Suitable for use in the food industry according to the specifications of IFS-Food, HACCP and/or BRC; housing frame of high-performance plastic PA6, matt traffic white (RAL 9016); cover of PMMA; fixing on rail side of steel, galvanised, white; blank cover of PC/ABS, traffic white (RAL 9016); dimension (LxWxH): 1.250 x 442 x 72mm; (reducing of maximum allowable ambient temperature of 5°C with ceiling mounting); packaging unit: 1 piece

IP 64

Lamps:	LED
Wt. (kg):	7.0
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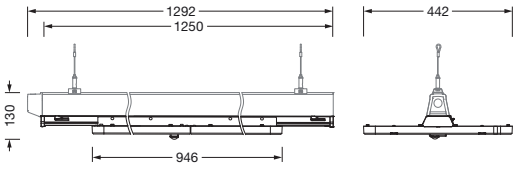

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.com)
Tolerances related to thermal, electrical and photometric data according to IEC 62722
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Order No.: 51HN12DB4VLA03 | **GTIN (EAN):** 4069025374318

Detailed technical description: HB11/Lic-mx,wd,56000lm840,DA2,M-Sens

Key data
- System family: SITECO Connect 11, SITECO Connect 21 O
- Product type: high bay luminaire
- Product name: Highbay 11 for Licross trunking rail maxi
- Order No.: 51HN12DB4VLA03

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:
- Light control: lens of PMMA
- Cover: cover
- Beam angle: wide distribution
- Symmetry: symmetric
- Light emission: direct distribution
- UGR viewing direction along longitudinal luminaire axis: ≤ 22
- UGR viewing direction along lateral luminaire axis: ≤ 22

Lamps:
- Lamps: with LED
- Rated luminous flux: 56000lm
- Luminous efficacy: 190lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI > 80
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 2 SDCM (initial)
- Rated input power: 294.9W
- Supplement: internal wiring halogen-free

Operating device:
- Control: DALI 2, dimmable

Certificates, Standards
- Protection rating: IP64
- Insulation class: insulation class I (protective earthing)
- Protection symbol: D
- Supplement: LABS conformity tested according to VDMA 24364:2018-05, Suitable for use in the food industry according to the specifications of IFS-Food, HACCP and/or BRC
- Certification, designation: CE, UKCA

Material, Colour
- housing frame: high-performance plastic PA6, matt traffic white (RAL 9016)
- fixing on rail side: steel, galvanised, white
- blank cover: PC/ABS, traffic white (RAL 9016)
- Cover: cover of PMMA

Mounting
- Mounting height: 5..17m
- Arrangement: continuous row arrangement

Electrical connection
- Connection: plug, 5-pole, with phase selection
- Nominal voltage: 230..240V, 50/60Hz, AC

Dimensions, Weight
- Length: 1250mm
- Width: 442mm
- Height: 72mm
- Weight: 7.0kg

Service life
- Rated service life: 100000h (L95) at AT = 25°C, 100000h (L90) at AT = ta max

Inputs

PIR sensor (passive-infrared)
- Connection: motion sensor technology
- Detection angle: 360°
- Detection range: at mounting height (Mh) = 15m: tangential max. ø21m | at Mh = 7.5m: tangential max. ø10.5m
- Feature: circular detection area

light sensor
- Connection: daylight sensor technology
- Detection angle: 60°
- Detection range: measuring range on the ground at mounting height (Mh) = 5m: ø approx. 5.6m | at Mh = 6m: ø approx. 6.8m
- Illuminance: 5..5000lx (measured at sensor)

Outputs

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DALI-2

— System current: max. 12mA

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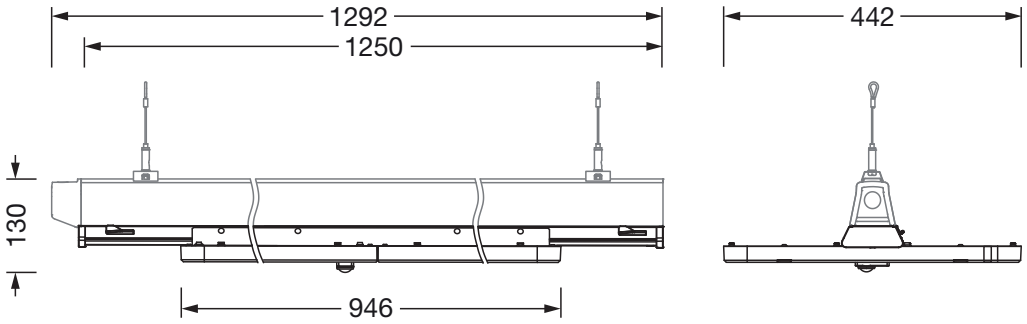
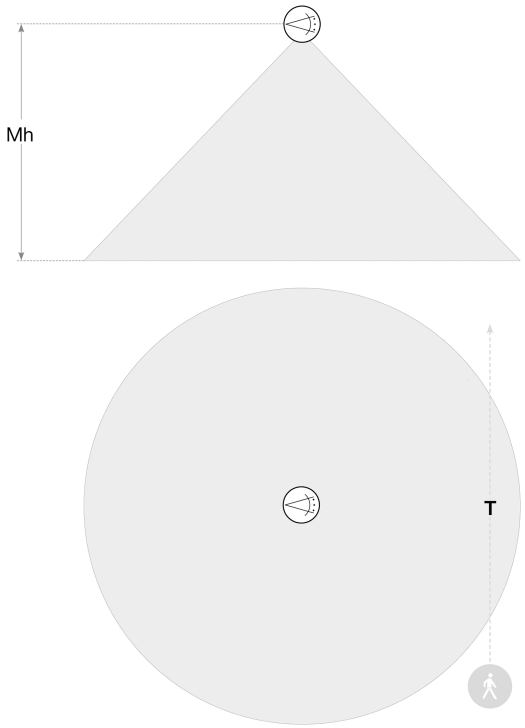
Dimensions: HB11/Lic-mx,wd,56000lm840,DA2,M-Sens





Sensor PC 11

Mh	T
7,5m	ø = 10,5m
15m	ø = 21m

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