

**Order No.:** 5MN238DLE0S | **GTIN (EAN):** 4050737963747

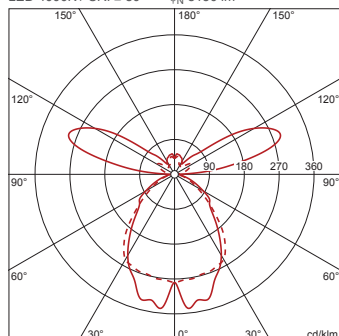
**Product description:** Vega11,8130lm840,DA,ma



4050737963747  
5MN238DLE0S

LED 4000K / CRI ≥ 80

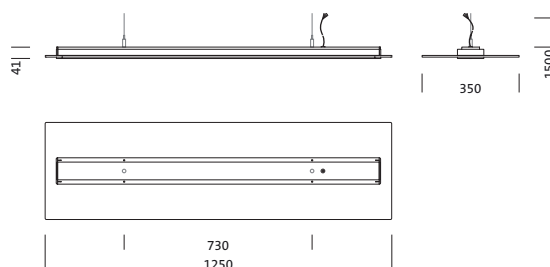
Φ<sub>h</sub> 8130 lm



Vega® 11, office luminaire, primary light control with prismatic reflector, of PMMA, transparent prismatic structure, CAT 2 ( $L \leq 1500 \text{cd/m}^2$ ), light emission: direct/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, surface-mounted, LED, rated luminous flux: 8.130lm, luminous efficacy: 131lm/W, light colour: 840, colour temperature: 4000K, control gear: DALI, with terminal, 3+2-pole, max. 2.5mm<sup>2</sup>, mains connection: 230V, AC, 50Hz, connection cable inclusive, cable length: 1,5m, rated input power: 62W, luminaire housing, rectangular, rounded, of aluminium section, anodised, metallic grey (RAL 9006), length: 1.250mm, width: 350mm, height: 43mm, luminaire housing, lower part, of aluminium section, anodised, metallic grey (RAL 9006), of PC, grey, protection rating (complete): IP20, insulation class (complete): insulation class I (protective earthing), certification: CE, permissible operating ambient temperature: 0..+35°C, standard: EN 50419, packaging unit: 1 piece

IP 20

Lamps: LED  
Wt. (kg): 6.6  
GTIN (EAN): 4050737963747



It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at [www.siteco.com](http://www.siteco.com))

Tolerances related to thermal, electrical and photometric data according to IEC 62722

Issued 09.04.2025 - Modifications and errors subject to change - Ensure that you always use the latest version -

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**Detailed technical description:** Vega11,8130lm840,DA,ma



## Key data

- Product type: office luminaire
- Product name: Vega® 11
- Order No.: 5MN238DLE0S

## Lighting technology | Lamps | Control gear

### Component 1

#### Lighting technology:

- Light control: prismatic reflector of PMMA, transparent prismatic structure
- Symmetry: symmetric
- Light emission: direct/indirect distribution, 60:40
- UGR viewing direction along longitudinal luminaire axis:  $\leq 16$
- UGR viewing direction along lateral luminaire axis:  $\leq 16$

#### Lamps:

- Lamps: with LED
- Rated luminous flux: 8130lm
- Luminous efficacy: 131lm/W
- Colour temperature: 4000K
- Colour rendering index: CRI  $> 80$
- Light colour: 840
- SDCM (Standard Deviation of Colour Matching): MacAdam  $\leq 3$  SDCM (initial)
- Rated input power: 62W

#### Operating device:

- Control gear: ECG
- Control: DALI

#### Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- Temperature range (operation): 0...+35°C
- Standard: EN 50419
- Certification, designation: CE

## Material, Colour

- luminaire housing: aluminium section, anodised, metallic grey (RAL 9006), rectangular, rounded
- Colour specification: metallic grey (RAL 9006)
- luminaire housing, lower part: aluminium section, anodised, metallic grey (RAL 9006)
- Colour specification: metallic grey (RAL 9006)
- Colour specification: grey

## Mounting

- Mounting method, mounting location: suspended mounting, surface-mounted
- Mounting height: 2..4m
- Arrangement: single arrangement

## Electrical connection

- Connection: terminal, 3+2-pole, max. 2.5mm<sup>2</sup>
- Nominal voltage: 230V, 220..240V, 50Hz, AC
- Connection cable: inclusive, L= 1.5m

## Dimensions, Weight

- Length: 1250mm
- Width: 350mm
- Height: 43mm
- Weight: 6.6kg

## Service life

- Rated service life: 50000h (L80/B50) at AT = 25°C

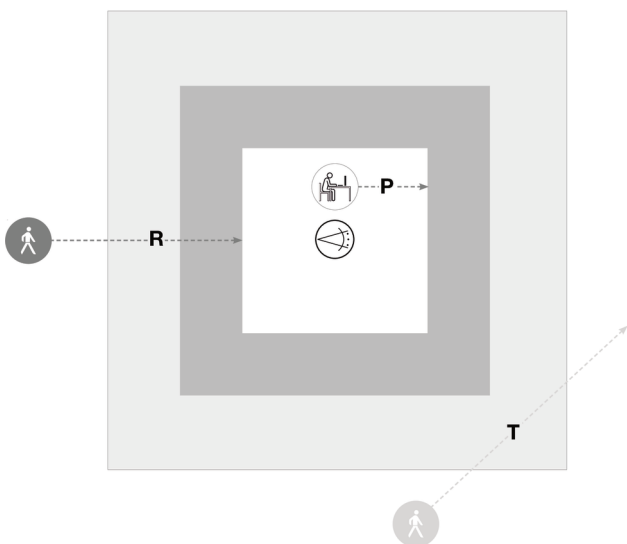
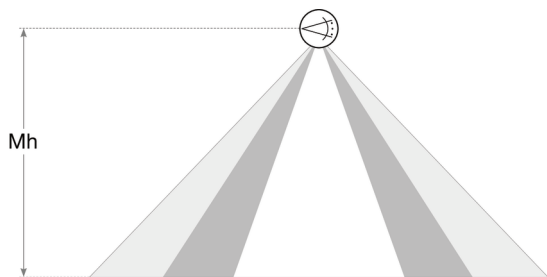
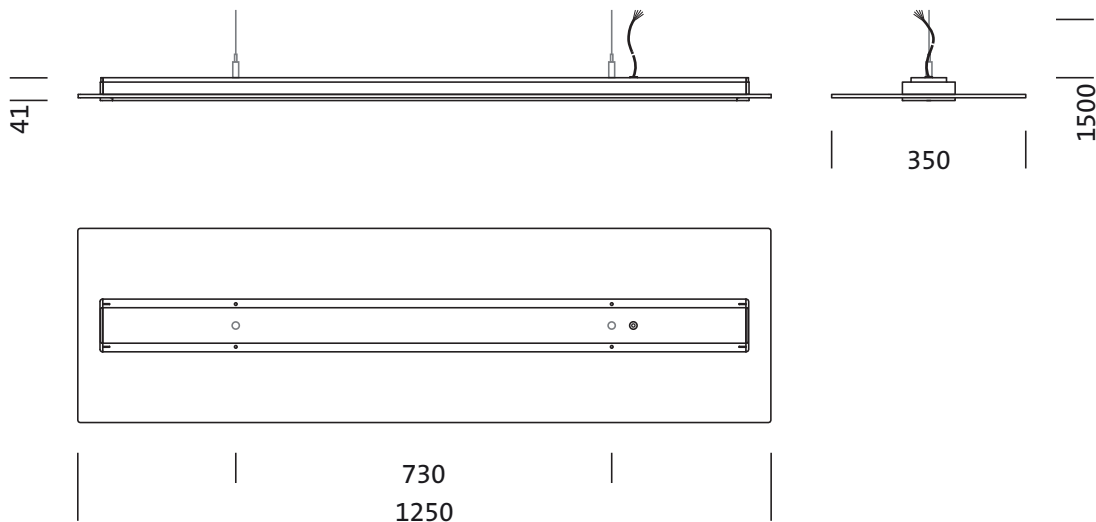
## Outputs

### 1x DALI

- Feature: DALI, master function, broadcast addressing, max. 32 DALI ECGs

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Dimensions: Vega11,8130lm840,DA,ma



Sensor PR3

| Mh   | R        | T        | P        |
|------|----------|----------|----------|
| 2,5m | ca. 3x3m | ca. 4x5m | ca. 2x2m |
| 3,5m | ca. 4x4m | ca. 5x6m | ca. 3x3m |

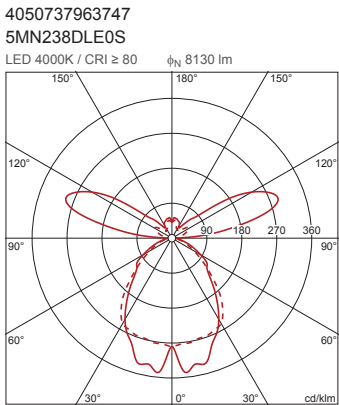
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Planning data: Vega11,8130lm840,DA,ma

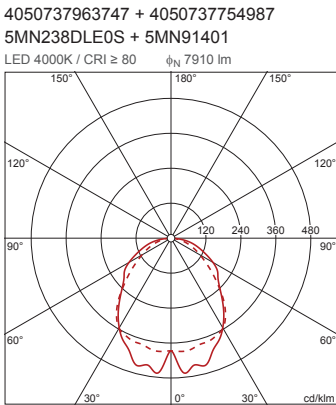
5MN238DLE0S: 1x LED  
4000K / CRI ≥ 80



| No. of luminaires in room   |     |     |     |     |     |     |
|-----------------------------|-----|-----|-----|-----|-----|-----|
| Reflection factors 70/50/20 |     |     |     |     |     |     |
| Em(lx)                      | 100 |     | 200 |     | 500 |     |
| Lh(m)                       | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| 20 m²                       | 0.5 | 0.5 | 0.9 | 1.0 | 2.3 | 2.6 |
| 30 m²                       | 0.7 | 0.7 | 1.3 | 1.5 | 3.4 | 3.7 |
| 40 m²                       | 0.8 | 0.9 | 1.7 | 1.8 | 4.2 | 4.6 |
| 50 m²                       | 1.0 | 1.1 | 2.0 | 2.2 | 5.0 | 5.4 |
| 75 m²                       | 1.5 | 1.6 | 3.0 | 3.1 | 7.4 | 7.8 |
| 100 m²                      | 1.9 | 2.0 | 3.8 | 4.0 | 9.5 | 10  |
| 500 m²                      | 8.4 | 8.7 | 17  | 17  | 42  | 43  |

Maintenance factor 0.8    Rh = Lh + 0.5 m

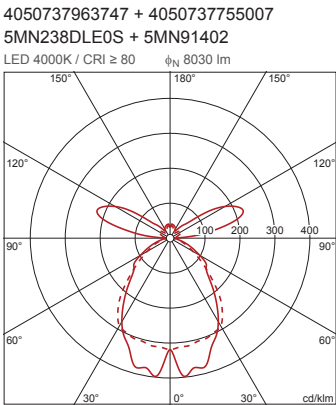
5MN238DLE0S + 5MN91401:  
1x LED 4000K / CRI ≥ 80



| No. of luminaires in room   |     |     |     |     |     |     |
|-----------------------------|-----|-----|-----|-----|-----|-----|
| Reflection factors 70/50/20 |     |     |     |     |     |     |
| Em(lx)                      | 100 |     | 200 |     | 500 |     |
| Lh(m)                       | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| 20 m²                       | 0.4 | 0.4 | 0.7 | 0.9 | 1.9 | 2.1 |
| 30 m²                       | 0.6 | 0.6 | 1.1 | 1.2 | 2.8 | 3.1 |
| 40 m²                       | 0.7 | 0.8 | 1.4 | 1.6 | 3.5 | 3.9 |
| 50 m²                       | 0.9 | 0.9 | 1.7 | 1.9 | 4.3 | 4.6 |
| 75 m²                       | 1.3 | 1.3 | 2.5 | 2.7 | 6.3 | 6.7 |
| 100 m²                      | 1.6 | 1.7 | 3.2 | 3.4 | 8.1 | 8.6 |
| 500 m²                      | 7.4 | 7.6 | 15  | 15  | 37  | 38  |

Maintenance factor 0.8    Rh = Lh

5MN238DLE0S + 5MN91402:  
1x LED 4000K / CRI ≥ 80



| No. of luminaires in room   |     |     |     |     |     |     |
|-----------------------------|-----|-----|-----|-----|-----|-----|
| Reflection factors 70/50/20 |     |     |     |     |     |     |
| Em(lx)                      | 100 |     | 200 |     | 500 |     |
| Lh(m)                       | 2.5 | 3.0 | 2.5 | 3.0 | 2.5 | 3.0 |
| 20 m²                       | 0.4 | 0.5 | 0.9 | 1.0 | 2.1 | 2.4 |
| 30 m²                       | 0.6 | 0.7 | 1.3 | 1.4 | 3.2 | 3.5 |
| 40 m²                       | 0.8 | 0.9 | 1.6 | 1.7 | 4.0 | 4.4 |
| 50 m²                       | 1.0 | 1.0 | 1.9 | 2.1 | 4.8 | 5.2 |
| 75 m²                       | 1.4 | 1.5 | 2.9 | 3.0 | 7.2 | 7.5 |
| 100 m²                      | 1.8 | 1.9 | 3.7 | 3.9 | 9.2 | 9.7 |
| 500 m²                      | 8.2 | 8.4 | 16  | 17  | 41  | 42  |

Maintenance factor 0.8    Rh = Lh + 0.5 m