

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

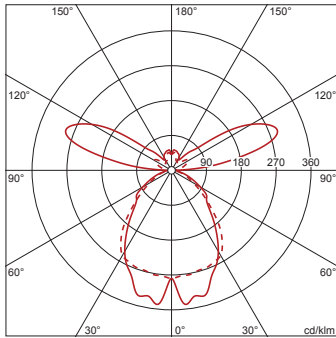
Product description: Vega11,8130lm840,DA,ma



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. 2.5mm², 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

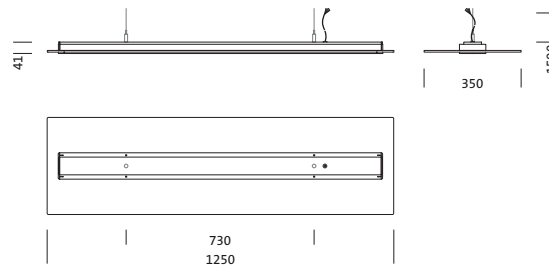
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LED 4000K / CRI ≥ 80 Φ_{N} 8130 lm



IP 20

Lamps: LED
Wt. (kg): 6.6
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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: ≤ 16
- UGR viewing direction along lateral luminaire axis: ≤ 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 ≤ 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
- luminaire housing, lower part: aluminium section, anodised, metallic grey (RAL 9006)

Mounting

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

Electrical connection

- Connection: terminal, 3+2-pole, max. 2.5mm²
- 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

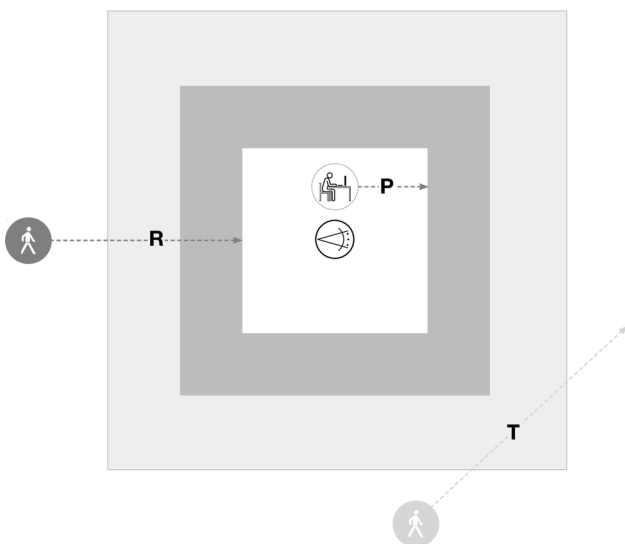
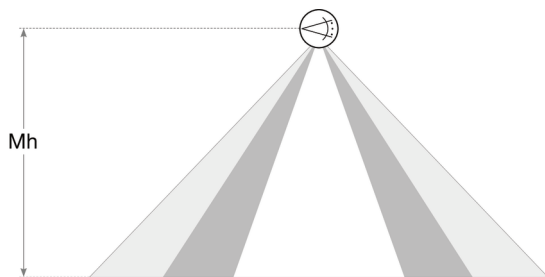
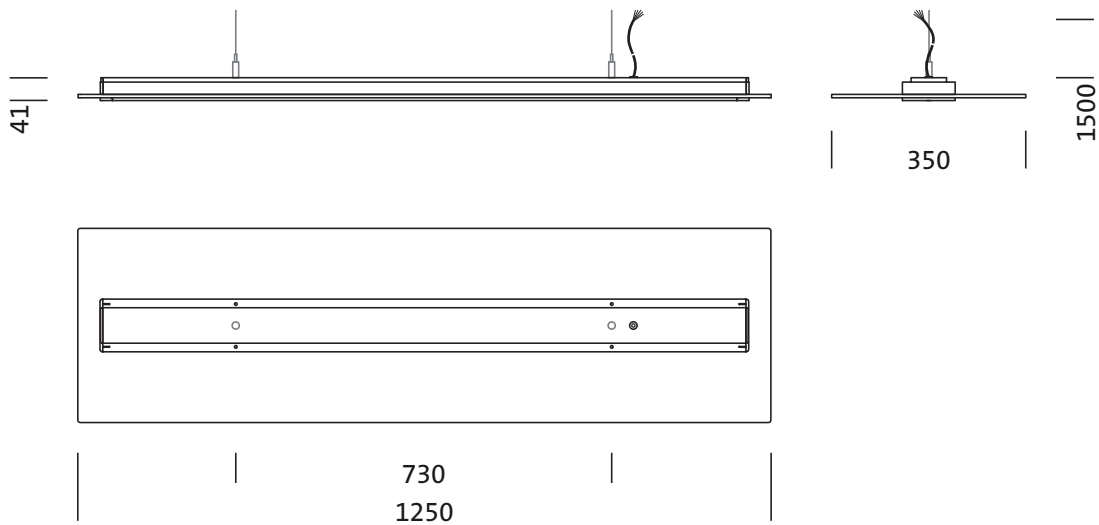
Outputs

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

It is mandatory that the assembly instructions must be observed when planning and installing the electrical installation (to be found at www.siteco.de)

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

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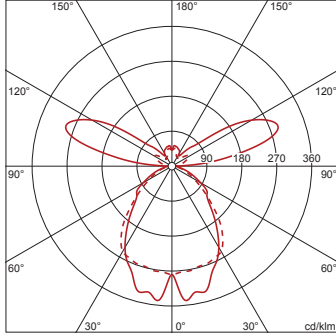
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Planning data: Vega11,8130lm840,DA,ma

5MN238DLE0S: 1x LED
4000K / CRI ≥ 80

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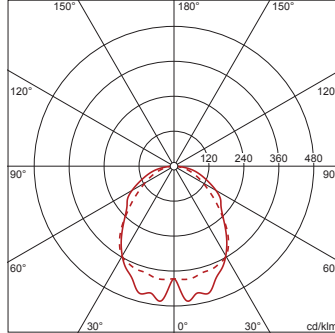
LED 4000K / CRI ≥ 80 ϕ_N 8130 lm



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

4050737963747 + 4050737754987
5MN238DLE0S + 5MN91401

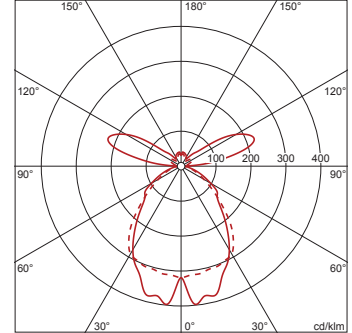
LED 4000K / CRI ≥ 80 ϕ_N 7910 lm



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

4050737963747 + 4050737755007
5MN238DLE0S + 5MN91402

LED 4000K / CRI ≥ 80 ϕ_N 8030 lm



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 m ²	0.5	0.5	0.9	1.0	2.3	2.6
30 m ²	0.7	0.7	1.3	1.5	3.4	3.7
40 m ²	0.8	0.9	1.7	1.8	4.2	4.6
50 m ²	1.0	1.1	2.0	2.2	5.0	5.4
75 m ²	1.5	1.6	3.0	3.1	7.4	7.8
100 m ²	1.9	2.0	3.8	4.0	9.5	10
500 m ²	8.4	8.7	17	17	42	43

Maintenance factor 0.8

Rh = Lh + 0.5 m

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 m ²	0.4	0.4	0.7	0.9	1.9	2.1
30 m ²	0.6	0.6	1.1	1.2	2.8	3.1
40 m ²	0.7	0.8	1.4	1.6	3.5	3.9
50 m ²	0.9	0.9	1.7	1.9	4.3	4.6
75 m ²	1.3	1.3	2.5	2.7	6.3	6.7
100 m ²	1.6	1.7	3.2	3.4	8.1	8.6
500 m ²	7.4	7.6	15	15	37	38

Maintenance factor 0.8

Rh = Lh

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Reflection factors 70/50/20

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20 m ²	0.4	0.5	0.9	1.0	2.1	2.4
30 m ²	0.6	0.7	1.3	1.4	3.2	3.5
40 m ²	0.8	0.9	1.6	1.7	4.0	4.4
50 m ²	1.0	1.0	1.9	2.1	4.8	5.2
75 m ²	1.4	1.5	2.9	3.0	7.2	7.5
100 m ²	1.8	1.9	3.7	3.9	9.2	9.7
500 m ²	8.2	8.4	16	17	41	42

Maintenance factor 0.8

Rh = Lh + 0.5 m

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