

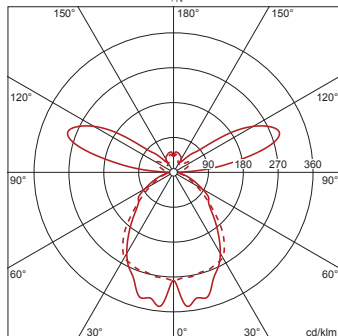
Order No.: 5MN238DLC | **GTIN (EAN):** 4050737963761

Product description: Vega11,4300lm840,DA



4050737963761
5MN238DLC

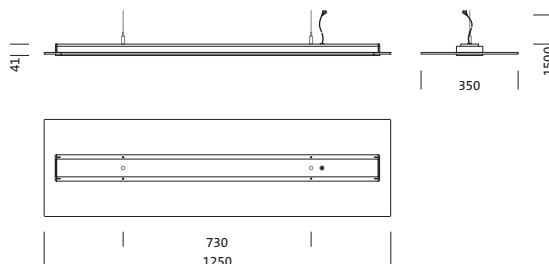
LED 4000K / CRI ≥ 80 Φ_h 4300 lm



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: 4.300lm, luminous efficacy: 139lm/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: 31W, 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, standard: EN 50419, packaging unit: 1 piece

IP 20

Lamps: LED
Wt. (kg): 6.5
GTIN (EAN): 4050737963761



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.: 5MN238DLC | **GTIN (EAN):** 4050737963761

Detailed technical description: Vega11,4300lm840,DA



Key data

- Product type: office luminaire
- Product name: Vega® 11
- Order No.: 5MN238DLC

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: 4300lm
- Luminous efficacy: 139lm/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: 31W

Operating device:

- Control gear: ECG
- Control: DALI

Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class I (protective earthing)
- 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
- 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

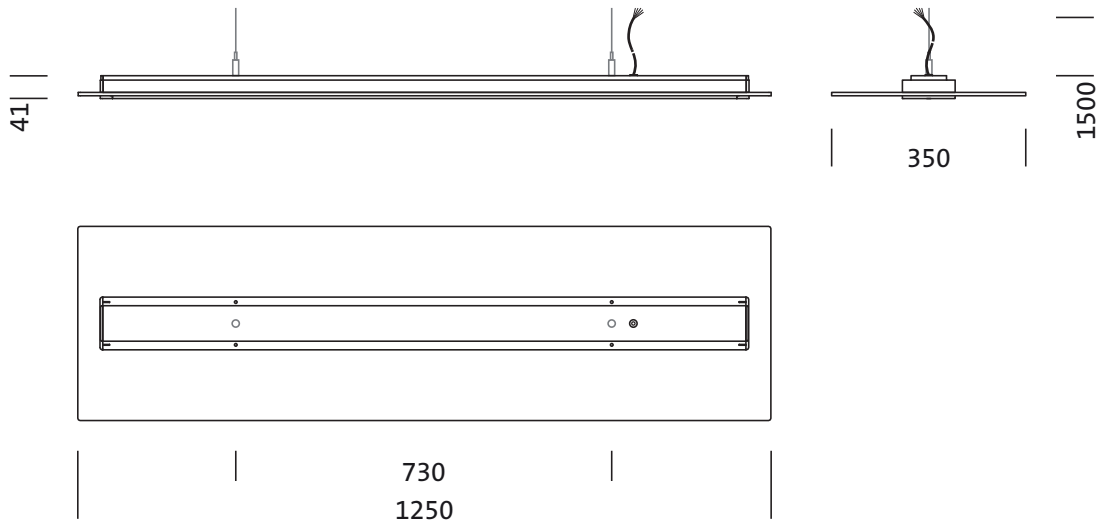
- Length: 1250mm
- Width: 350mm
- Height: 43mm
- Weight: 6.5kg

Service life

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

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Dimensions: Vega11,4300lm840,DA



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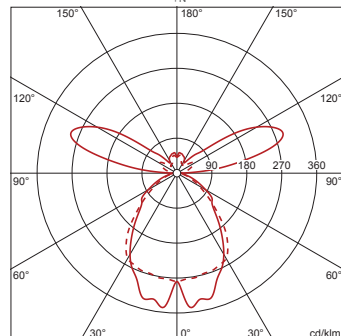
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Planning data: Vega11,4300lm840,DA

**5MN238DLC: 1x LED 4000K /
CRI ≥ 80**

4050737963761
5MN238DLC

LED 4000K / CRI ≥ 80 ϕ_N 4300 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 m²	0.9	1.0	1.7	1.9	4.3	4.8
30 m²	1.3	1.4	2.5	2.8	6.4	7.0
40 m²	1.6	1.7	3.1	3.4	7.9	8.6
50 m²	1.9	2.1	3.8	4.1	9.5	10
75 m²	2.8	3.0	5.6	5.9	14	15
100 m²	3.6	3.8	7.2	7.6	18	19
500 m²	16	16	32	33	80	82

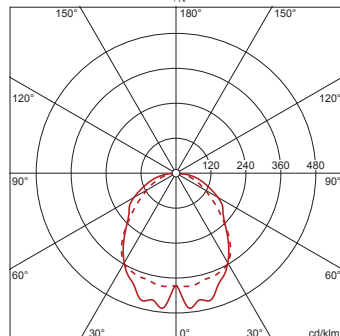
Maintenance factor 0.8

$R_h = L_h + 0.5 \text{ m}$

**5MN238DLC + 5MN91401: 1x
LED 4000K / CRI ≥ 80**

4050737963761 + 4050737754987
5MN238DLC + 5MN91401

LED 4000K / CRI ≥ 80 ϕ_N 4170 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 m²	0.7	0.8	1.4	1.6	3.5	4.1
30 m²	1.1	1.2	2.1	2.3	5.3	5.8
40 m²	1.3	1.5	2.7	2.9	6.7	7.4
50 m²	1.6	1.8	3.2	3.5	8.1	8.8
75 m²	2.4	2.5	4.8	5.1	12	13
100 m²	3.1	3.3	6.2	6.5	15	16
500 m²	14	14	28	29	70	72

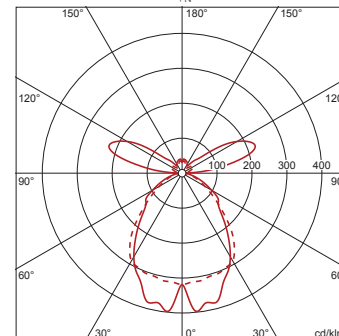
Maintenance factor 0.8

$R_h = L_h$

**5MN238DLC + 5MN91402: 1x
LED 4000K / CRI ≥ 80**

4050737963761 + 4050737755007
5MN238DLC + 5MN91402

LED 4000K / CRI ≥ 80 ϕ_N 4240 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 m²	0.8	0.9	1.6	1.8	4.1	4.6
30 m²	1.2	1.3	2.4	2.6	6.1	6.6
40 m²	1.5	1.7	3.0	3.3	7.5	8.3
50 m²	1.8	2.0	3.6	3.9	9.1	9.9
75 m²	2.7	2.8	5.4	5.7	14	14
100 m²	3.5	3.7	6.9	7.3	17	18
500 m²	15	16	31	32	77	80

Maintenance factor 0.8

$R_h = L_h + 0.5 \text{ m}$

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