

Order No.: 5MB251DL30830 | **GTIN (EAN):** 4052899488816

Product description: Arktika-lum,LED,4050lm830,DALI,dir/ind

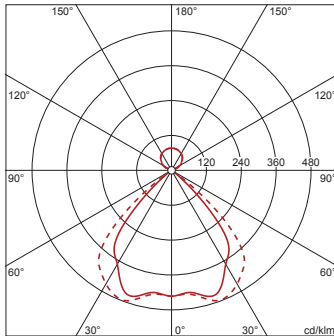


Arktika®, office luminaire, primary anti-glare with honeycomb louvre, of plastic, aluminium vaporised, highly specular, light emission: direct/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED rated luminous flux: 4.050 lm, light colour: 830, colour temperature: 3000K, control gear: ECG DALI, with terminal, 3+2-pole, max. 2.5mm², mains connection: 220..240V, AC, 50/60Hz, rated input power: 34W, housing, of aluminium, powder-coated, traffic white (RAL 9016), 1-length, length: 1.250 mm, width: 120 mm, height: 8mm, protection rating (complete): IP20, insulation class (complete): insulation class II (safety insulation), certification: CE, ENEC, VDE, packaging unit: 1 piece

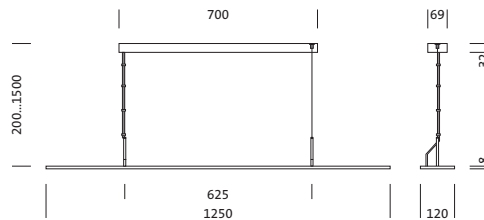


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LED 3000K / CRI ≥ 80 Φ_v 4050 lm



Lamps: LED
Wt. (kg): 1.8
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Detailed technical description: Arktoff-lum,LED,4050lm830,DALI,dir/ind



Key data

- Product type: office luminaire
- Product name: Arktika®
- Order No.: 5MB251DL30830

Lighting technology | Lamps | Control gear

Component 1

Lighting technology:

- Glare reduction: honeycomb louvre of plastic, aluminium vaporised, highly specular
- Beam angle: wide distribution, 95°
- Symmetry: symmetric distribution
- Light emission: direct/indirect distribution
- UGR viewing direction along longitudinal luminaire axis: ≤ 19

Lamps:

- Lamps: with LED
- Rated luminous flux: 4050lm
- Luminous efficacy: 120lm/W
- Colour temperature: 3000K
- Colour rendering index: CRI > 80
- Light colour: 830
- SDCM (Standard Deviation of Colour Matching): MacAdam ≤ 3 SDCM (initial)
- Rated input power: 34W

Operating device:

- Control gear: ECG DALI
- Control: DALI

Certificates, Standards

- Protection rating: IP20
- Insulation class: insulation class II (safety insulation)
- Certification, designation: CE, ENEC, VDE

Material, Colour

- housing: aluminium, powder-coated, traffic white (RAL 9016), 1-length
- Colour specification: traffic white (RAL 9016)

Mounting

- Mounting method, mounting location: suspended mounting, to the wire suspension, to the ceiling
- Recommended suspension height: 0.2..1.5m

Electrical connection

- Connection: terminal, 3+2-pole, max. 2.5mm²
- Nominal voltage: 220..240V, 50/60Hz, AC

Dimensions, Weight

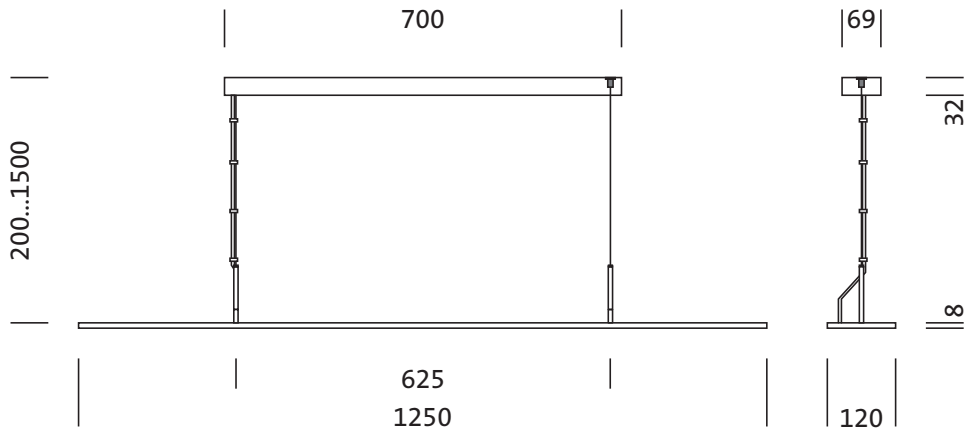
- Length: 1250mm
- Width: 120mm
- Height: 8mm
- Weight: 1.8kg

Service life

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

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Dimensions: Arktoff-lum,LED,4050lm830,DALI,dir/ind



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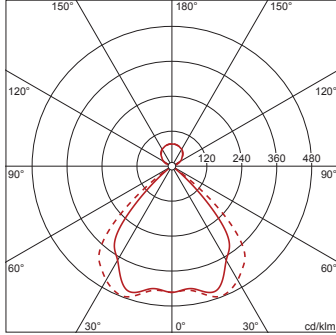
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5MB251DL30830: 1x LED
3000K / CRI ≥ 80

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LED 3000K / CRI ≥ 80 ϕ_N 4050 lm



ϕ_d 79% ϕ_t 21%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	199	300
L ₇₀	269	273
L ₆₅	334	312

UGR 18.2 18.7

X 4H Y 8H ρ 70/50/20 S 0.25H

No. of luminaires in room

Reflection factors 70/50/20

Em(lx)	100		200		500	
	2.5	3.0	2.5	3.0	2.5	3.0
20 m ²	0.6	0.7	1.3	1.5	3.2	3.7
30 m ²	1.1	1.2	2.2	2.4	5.4	5.9
40 m ²	1.4	1.5	2.7	3.0	6.8	7.5
50 m ²	1.7	1.8	3.3	3.6	8.3	9.0
75 m ²	2.5	2.6	5.0	5.3	13	13
100 m ²	3.2	3.4	6.4	6.8	16	17
500 m ²	15	16	30	31	76	78

Maintenance factor 0.8

Rh = Lh + 0.5 m