

Order No.: 5MB2512L30830 | **GTIN (EAN):** 4052899488793

Product description: Arktika-lum,LED,3670lm830,ECG,dir/ind,SP

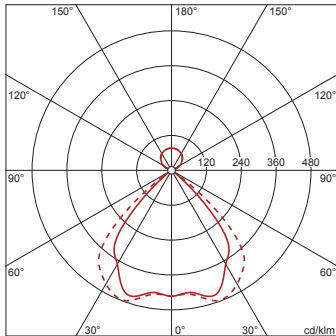


Arktika®, office luminaire, primary anti-glare with honeycomb louvre, of plastic, aluminium vaporised, highly specular, light emission: direct/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED rated luminous flux: 3.670 lm, light colour: 830, colour temperature: 3000K, control gear: ECG, with terminal, 3-pole, mains connection: 220..240V, AC, 50/60Hz, rated input power: 31W, 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, packaging unit: 1 piece

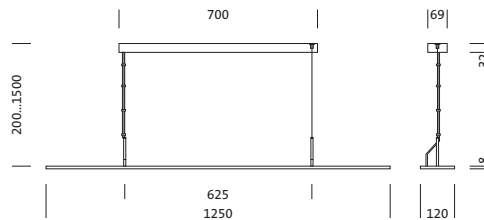
IP 20  

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LED 3000K / CRI ≥ 80 Φ_{N} 3670 lm



Lamps: LED
Wt. (kg): 1.8
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Detailed technical description: Arktoff-lum,LED,3670lm830,ECG,dir/ind,SP



Key data

- Product type: office luminaire
- Product name: Arktika®
- Order No.: 5MB2512L30830

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: 3670lm
- 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: 31W

Operating device:

- Control gear: ECG
- Control: ON/OFF

Certificates, Standards

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

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-pole
- Nominal voltage: 220..240V, 50/60Hz, AC

Dimensions, Weight

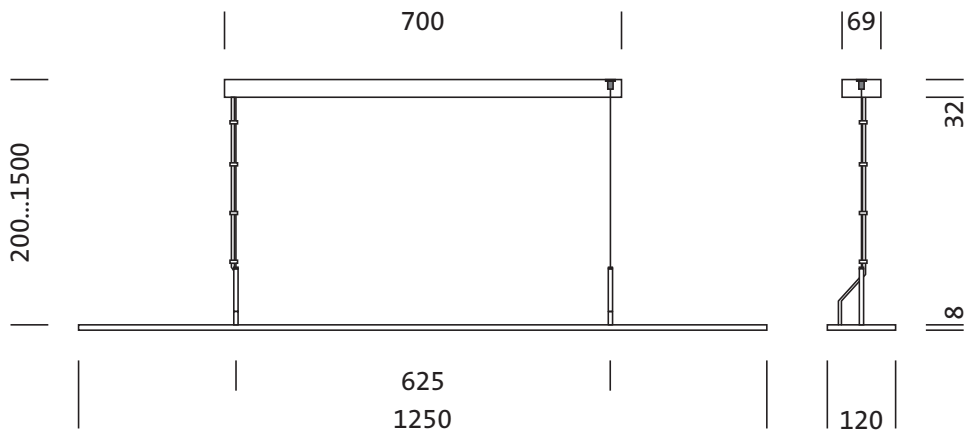
- Length: 1250mm
- Width: 120mm
- Height: 8mm
- Weight: 1.8kg

Service life

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

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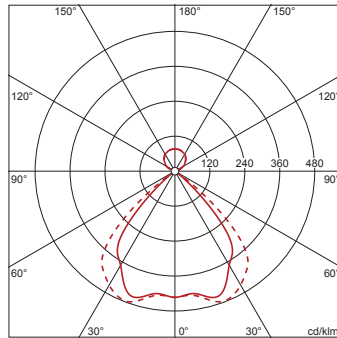
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5MB2512L30830: 1x LED
3000K / CRI ≥ 80

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LED 3000K / CRI ≥ 80 ϕ_N 3670 lm



ϕ_{\downarrow} 79% ϕ_{\uparrow} 21%

Luminance values (cd/m²)

	C 0/180	C 90/270
L ₈₀	181	271
L ₇₀	244	247
L ₆₅	303	283

UGR 17.8 18.4

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	0.7	0.8	1.4	1.6	3.6	4.0
30 m ²	1.2	1.3	2.4	2.6	6.0	6.5
40 m ²	1.5	1.7	3.0	3.3	7.5	8.3
50 m ²	1.8	2.0	3.7	4.0	9.1	10.0
75 m ²	2.8	2.9	5.6	5.8	14	15
100 m ²	3.5	3.8	7.1	7.5	18	19
500 m ²	17	17	34	34	84	86

Maintenance factor 0.8

Rh = Lh + 0.5 m