

Order No.: 5MB252DL60830 | **GTIN (EAN):** 4052899488830

Product description: Arktika[®] 21-doff-lum,LED,8100lm830,DALI

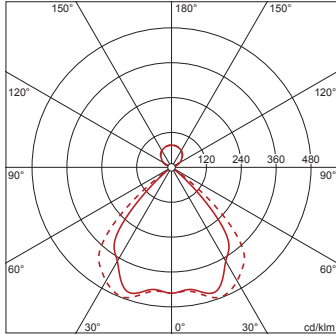


Arktika[®] 21 duo, office luminaire, primary anti-glare with honeycomb louvre, of plastic, aluminium vaporised, highly specular, light emission: direct/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED, rated luminous flux: 8.100lm, luminous efficacy: 122lm/W, 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: 67W, housing, of aluminium, powder-coated, traffic white (RAL 9016), 2-length, length: 2.280mm, width: 120mm, height: 8mm, protection rating (complete): IP20, insulation class (complete): insulation class II (safety insulation), certification: CE, packaging unit: 1 piece

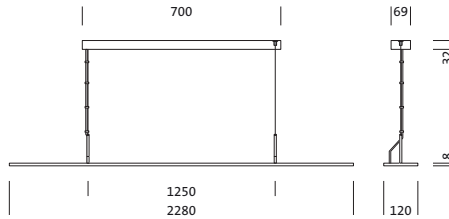
IP 20  

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LED 3000K / CRI ≥ 80 Φ_v 8100 lm



Lamps: LED
Wt. (kg): 3.3
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Detailed technical description: Arktika[®] 21 duo,LED,8100lm830,DALI



Key data

- Product type: office luminaire
- Product name: Arktika[®] 21 duo
- Order No.: 5MB252DL60830

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
- Light emission: direct/indirect distribution, 75:25
- UGR viewing direction along longitudinal luminaire axis: ≤ 19

Lamps:

- Lamps: with LED
- Rated luminous flux: 8100lm
- Luminous efficacy: 122lm/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: 67W

Operating device:

- Control gear: ECG DALI
- Control: DALI

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), 2-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

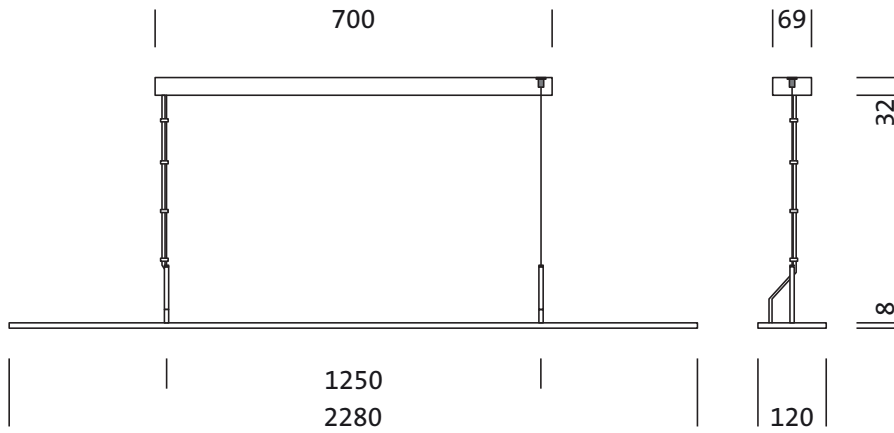
- Length: 2280mm
- Width: 120mm
- Height: 8mm
- Weight: 3.3kg

Service life

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

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Dimensions: Arkt21-doff-lum,LED,8100lm830,DALI



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
Issued 08.09.2023 - Modifications and errors subject to change - Ensure that you always use the latest version -

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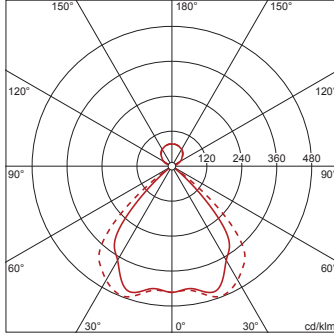
Planning data: Arkt21-doff-lum,LED,8100lm830,DALI

5MB252DL60830: 1x LED
3000K / CRI ≥ 80

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LED 3000K / CRI ≥ 80 ϕ_N 8100 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
Lh(m)	2.5	3.0	2.5	3.0	2.5	3.0
20 m ²	0.3	0.4	0.6	0.7	1.6	1.8
30 m ²	0.5	0.6	1.1	1.2	2.7	3.0
40 m ²	0.7	0.8	1.4	1.5	3.4	3.8
50 m ²	0.8	0.9	1.7	1.8	4.1	4.5
75 m ²	1.3	1.3	2.5	2.6	6.3	6.6
100 m ²	1.6	1.7	3.2	3.4	8.0	8.5
500 m ²	7.6	7.8	15	16	38	39

Maintenance factor 0.8

Rh = Lh + 0.5 m

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