

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

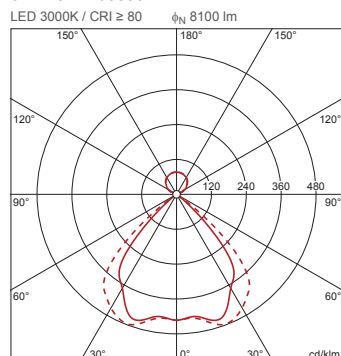
**Product description:** Arktika21-doff-lum,LED,8100lm830,DALI



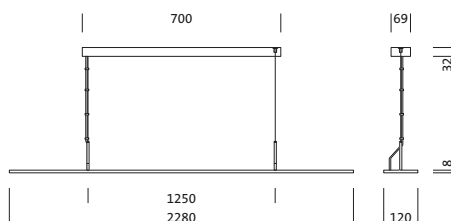
Arktika® 21 duo, office luminaire, primary anti-glare with honeycomb louvre, of plastic, aluminium vaporised, highly specular, light emission: direct/indirect distribution, primary light characteristic: symmetric, installation type: suspended mounting, LED, rated luminous flux: 8.100lm, luminous efficacy: 122lm/W, light colour: 830, colour temperature: 3000K, control gear: DALI, with terminal, 3+2-pole, max. 2.5mm<sup>2</sup>, 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  

4052899488830  
5MB252DL60830



Lamps:	LED
Wt. (kg):	3.3
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**Detailed technical description:** Arktika® 21 duo, LED, 8100lm, 830, 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:  $\leq 19$

#### 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  $\leq 3$  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. 2.5mm<sup>2</sup>
- Nominal voltage: 220..240V, 50/60Hz, AC

#### Dimensions, Weight

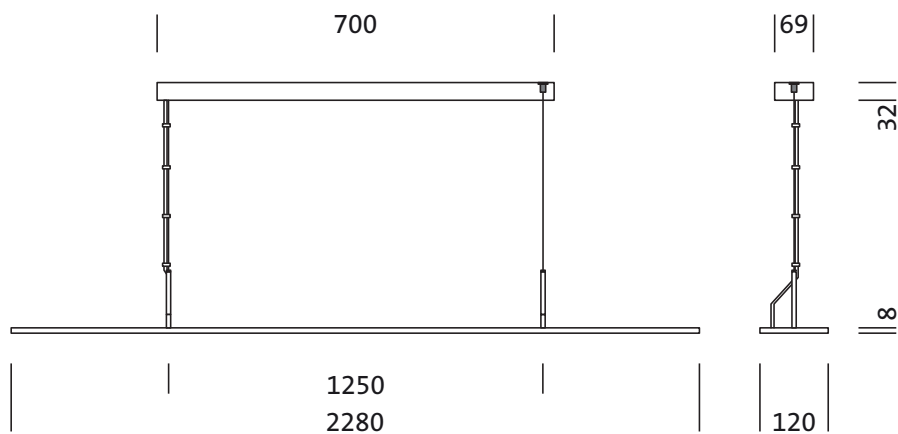
- Length: 2280mm
- Width: 120mm
- Height: 8mm
- Weight: 3.3kg

#### 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](http://www.siteco.de))

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

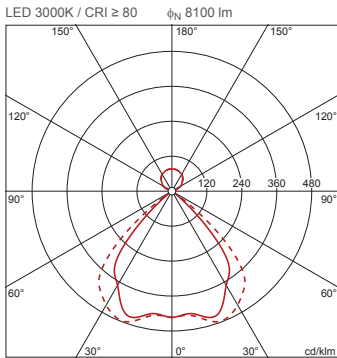
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Planning data: Arkt21-doff-lum,LED,8100lm830,DALI

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

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Luminance values (cd/m²)

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

UGR 18.2      18.7

X 4H   Y 8H    $\rho$  70/50/20   S 0.25H

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	0.3	0.4	0.6	0.7	1.6	1.8
30 m²	0.5	0.6	1.1	1.2	2.7	3.0
40 m²	0.7	0.8	1.4	1.5	3.4	3.8
50 m²	0.8	0.9	1.7	1.8	4.1	4.5
75 m²	1.3	1.3	2.5	2.6	6.3	6.6
100 m²	1.6	1.7	3.2	3.4	8.0	8.5
500 m²	7.6	7.8	15	16	38	39

Maintenance factor 0.8

Rh = Lh + 0.5 m

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