

**29585 AREL LED DO 10W-WW**

Downlight fitting

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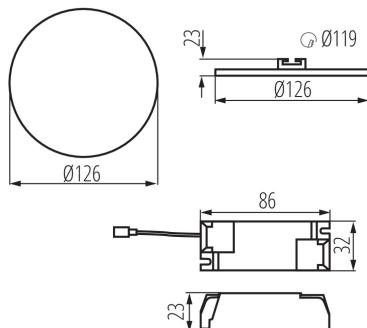
**IP  
65/20** ultra SLIM panel HIGH quality

Kanlux AREL LED is a new family of downlights which do not have frame. High tightness class IP65/20 and exceptional, simple, and at the same time surprising design make Kanlux AREL LED fit into each interior. Thanks to the unique structure, the panel is only 9 mm thick - it is the thinnest panel available on the market.

**TYPE OF LIGHT SOURCE:****Lighting technology used:** LED**Non-directional or directional light source:** NDLS**Mains or non-mains light source:** NMLS**Connected light source (CLS):** no**Colour-tunable light source:** no**High luminance light source:** no**Anti-glare shield:** no**Dimmable:** no**PRODUCT PARAMETERS:****Colour:** white**Place of assembly:** Recessed mount in the ceiling**Place of application:** Indoors**Minimum distance from the illuminated object:** 0,5m**Compatible with a dimmer:** no**The product is not suitable to be covered with a heat-insulating material:** yes**Height [mm]:** 23**Diameter [mm]:** 126**Assembly hole [mm]:** Ø110**Integrated LED light source:** yes**Rated voltage [V]:** 220-240 AC**Rated frequency [Hz]:** 50**Maximum power [W]:** 10**Class of protection against electric shock:** II**Lampshade material:** PMMA**Diode type:** LED SMD**LED module:** DL-4014-06P11S-483630-R125-V35 ID33239**92388****Luminous flux [lm]:** 890**Colour temperature:** Warm white**Service life [h]:** 15000**Number of on/off cycles:** ≥30000**Lighting angle [°]:** 120**Ambient temperature range to which the product can be exposed:** 5-25**Enclosure material:** aluminum alloy

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**Connection type:** Terminal block

**Range of sections of wires used [mm<sup>2</sup>]:** 0,75-1,5

**Lamp-heating time [s]:** ≤1

**Lamp-ignition time [s]:** ≤0,5

**IP class:** 65/20

**Additional information:** It is not possible to replace the LED light source

**Additional information:** The control panel or control equipment can be replaced by the end user

#### PARAMETERS FOR LED AND OLED LIGHT SOURCES:

**Energy consumption in on-mode of the light source (kWh/1000h):** 8

**Energy efficiency class:** D

**Useful luminous flux of the light source Φuse [lm]:** 1200

**Useful luminous flux of the light source Φuse [lm]:** in sphere (360°)

**Correlated colour temperature [K]:** 3000

**Colour consistency in McAdam ellipses:** ≤6

**On-mode power of the light source Pon [W]:** 7.9

**Height of the light source [mm]:** 363

**Width of the light source [mm]:** 5

**Depth of the light source [mm]:** 1

**Colour rendering index:** 80

**Chromaticity coordinates (x):** 0.44

**Chromaticity coordinates (y):** 0.403

**Claim of equivalent power [W]:** 82

**R9 colour rendering index value:** 2

**Survival factor:** 0,9

**The lumen maintenance factor:** 0,93

#### LOGISTIC DATA:

**Packaging method:** 100

**Number of units in the secondary packaging:** 1

**Number of units in the packaging:** 100

**Net unit weight [g]:** 154

**Grammage [g]:** 208.9

**Length of a unit pack [cm]:** 15.5

**Width of a unit pack [cm]:** 3

**Height of a unit pack [cm]:** 16

**Weight of a cardboard box [kg]:** 20.89

**Width of a cardboard box [cm]:** 33

**Height of a cardboard box [cm]:** 34

**Length of a cardboard box [cm]:** 78

**Volume of a cardboard box [m<sup>3</sup>]:** 0.087516

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