

29590 AREL LED DL 14W-NW

Downlight fitting

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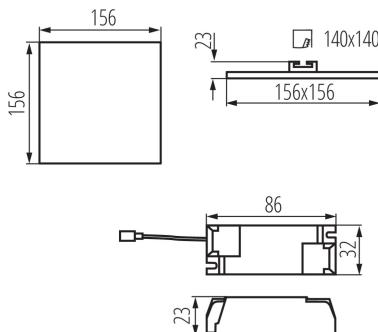
**IP
65/20** ultra SLIM panel HIGH quality

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**Length [mm]:** 156**Width [mm]:** 156**Height [mm]:** 23**Assembly hole [mm]:** 140x140**Integrated LED light source:** yes**Rated voltage [V]:** 220-240 AC**Rated frequency [Hz]:** 50**Maximum power [W]:** 14**Class of protection against electric shock:** II**Lampshade material:** PMMA**Diode type:** LED SMD**LED module:** DL-4014-07P13S-485670-S155-V04**Luminous flux [lm]:** 1300**Colour temperature:** 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 [mm²]: 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): 12

Energy efficiency class: D

Useful luminous flux of the light source Φuse [lm]: 1770

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

Correlated colour temperature [K]: 4000

Colour consistency in McAdam ellipses: ≤6

On-mode power of the light source P_{on} [W]: 11.1

Height of the light source [mm]: 567

Width of the light source [mm]: 5

Depth of the light source [mm]: 1

Colour rendering index: 80

Chromaticity coordinates (x): 0.38

Chromaticity coordinates (y): 0.38

Claim of equivalent power [W]: 113

R9 colour rendering index value: 6

Survival factor: 0,9

The lumen maintenance factor: 0,93

LOGISTIC DATA:

Packaging method: 50

Number of units in the secondary packaging: 1

Number of units in the packaging: 50

Net unit weight [g]: 270

Grammage [g]: 344.6

Length of a unit pack [cm]: 18.5

Width of a unit pack [cm]: 3

Height of a unit pack [cm]: 19

Weight of a cardboard box [kg]: 17.23

Width of a cardboard box [cm]: 38.5

Height of a cardboard box [cm]: 22

Length of a cardboard box [cm]: 78

Volume of a cardboard box [m³]: 0.066066

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