

29589 AREL LED DO 14W-WW

Downlight fitting

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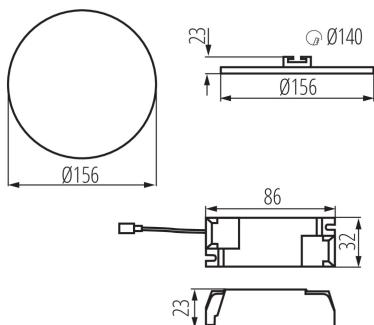
**IP
65/20** ultra SLIM panel HIGH quality

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]:** 156**Assembly hole [mm]:** Ø140**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-4014-06P13S-484580-R155-V04**Luminous flux [lm]:** 1210**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**Connection type:** Terminal block

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**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]:** 1650**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]:** 11.1**Height of the light source [mm]:** 458**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]:** 106**R9 colour rendering index value:** 2**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]:** 220**Grammage [g]:** 294.6**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]:** 14.73**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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