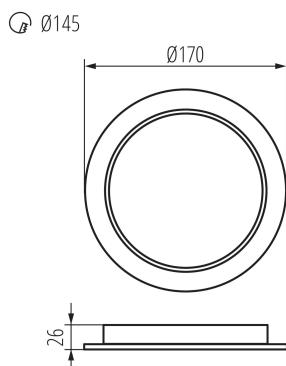


36513 TAVO LED DO 18W-NW

Downlight fitting

5905339365132

IP
44/20



Kanlux TAVO LED is a family of flush-mounted downlights. They are available in two shapes (round and square) and 5 wattages - from 5W to 24W. Kanlux TAVO LED downlights are characterised by a minimalist, Scandinavian design. Additional advantages are their IP44/20 tightness, as well as the possibility of surface mounting the 12W and 18W models in the Kanlux TAVO FRAME.

TYPE OF LIGHT SOURCE:

Lighting technology used: LED

Non-directional or directional light source : NDLS

Mains or non-mains light source : MLS

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]: 26

Diameter [mm]: 170

Assembly hole [mm]: Ø145

Integrated LED light source: yes

Rated voltage [V]: 220-240 AC

Rated frequency [Hz]: 50

Maximum power [W]: 18

Class of protection against electric shock : II

Lampshade material: plastic

Enclosure material: plastic

Diode type: LED SMD

LED module: 265D-30X2 V1.0

Luminous flux [lm]: 1900

Colour temperature: white

36513 TAVO LED DO 18W-NW

Downlight fitting



Service life [h]: 25000
Number of on/off cycles: ≥15000
Lighting angle [°]: 120
Ambient temperature range to which the product can be exposed: 5÷25
Connection type: Free cable ends
Wire length [m]: 0.1
IP class: 44/20
Kształt: round
Additional information: Possibility of replacing the LED light source only by qualified personnel (only by the manufacturer service)
Additional information: Containing product (CP)
Mercury content in the lamp [mg]: 0
Photobiological safety: RG0
Luminous efficiency of the lamp [lm/W]: 106

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

Energy consumption in on-mode of the light source (kWh/1000h): 18
Energy efficiency class of the light source in the contains product (CP): D
Useful luminous flux of the light source Φ_{use} [lm]: 2610
Useful luminous flux of the light source Φ_{use} [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]: 18
Height of the light source [mm]: 117
Width of the light source [mm]: 127
Depth of the light source [mm]: 6
Colour rendering index: 80
Chromaticity coordinates (x): 0,38
Chromaticity coordinates (y): 0,38
Claim of equivalent power [W]: 157
R9 colour rendering index value : 0
Survival factor: 0,9
The lumen maintenance factor: 0,96

PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES:

Displacement factor ($\cos \varphi_1$): 0,9

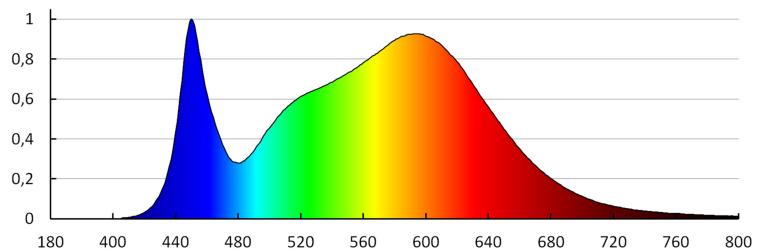
36513 TAVO LED DO 18W-NW

Downlight fitting

LED light source replaces a fluorescent light source without integrated ballast of a particular wattage: Not applicable
Flicker metric (Pst LM): 1,0
Stroboscopic effect metric (SVM): 0,4

LOGISTIC DATA:

Unit of measurement: unit
Packaging method: 60
Number of units in the secondary packaging : 1
Number of units in the packaging: 60
Net unit weight [g]: 142
Grammage [g]: 219.83
Gross unit weight [g]: 208
Length of a unit pack [cm]: 3.7
Width of a unit pack [cm]: 17.6
Height of a unit pack [cm]: 17.6
Weight of a cardboard box [kg]: 13.1898
Width of a cardboard box [cm]: 39
Height of a cardboard box [cm]: 38
Length of a cardboard box [cm] : 55
Volume of a cardboard box [m³]: 0.08151

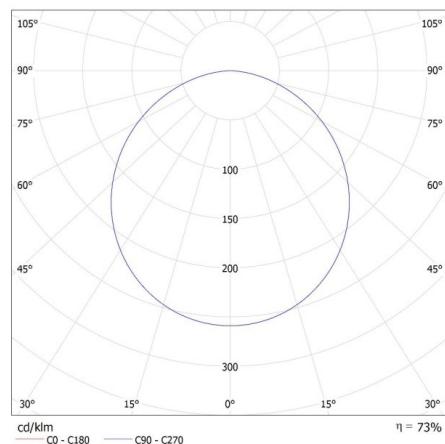


36513 TAVO LED DO 18W-NW

Downlight fitting

KANLUX S.A. (kat 36513) TAVO LED DO 18W-NW / LDC (Polar)

Luminaire: KANLUX S.A. (kat 36513) TAVO LED DO 18W-NW
Lamps: 1 x TAVO LED DO 18W-NW



Date of issue: 27.02.2025, 13:43

We reserve the right to make technical changes. The data contained in this material are not legally binding.

Photometry: the results obtained from testing were from a specific sample.

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36513 TAVO LED DO 18W-NW

Downlight fitting

ACCESSORIES

36520	TAVO FRAME DO 12W	Ramka do montażu natynkowego downlightów Kanlux TAVO LED.
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36521	TAVO FRAME DO 18W	Ramka do montażu natynkowego downlightów Kanlux TAVO LED.
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36522	TAVO FRAME DL 12W	Ramka do montażu natynkowego downlightów Kanlux TAVO LED.
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36523	TAVO FRAME DL 18W	Ramka do montażu natynkowego downlightów Kanlux TAVO LED.
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