

36512 TAVO LED DO 12W-NW

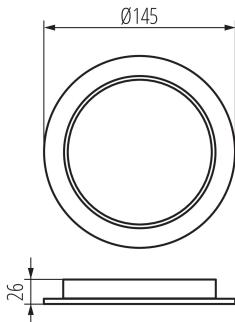
Downlight fitting

5905339365125

IP
44/20



Q Ø125



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]: 145

Assembly hole [mm]: Ø120

Integrated LED light source: yes

Rated voltage [V]: 220-240 AC

Rated frequency [Hz]: 50

Maximum power [W]: 12

Class of protection against electric shock : II

Lampshade material: plastic

Enclosure material: plastic

Diode type: LED SMD

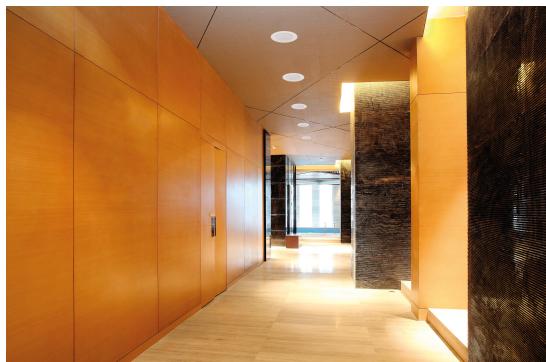
LED module: 263D-45 V1.0

Luminous flux [lm]: 1250

Colour temperature: white

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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]: 104

PARAMETERS FOR LED AND OLED LIGHT SOURCES:

Energy consumption in on-mode of the light source (kWh/1000h): 12
Energy efficiency class of the light source in the contains product (CP): D
Useful luminous flux of the light source Φ_{use} [lm]: 1740
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]: 12
Height of the light source [mm]: 97
Width of the light source [mm]: 104
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]: 111
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

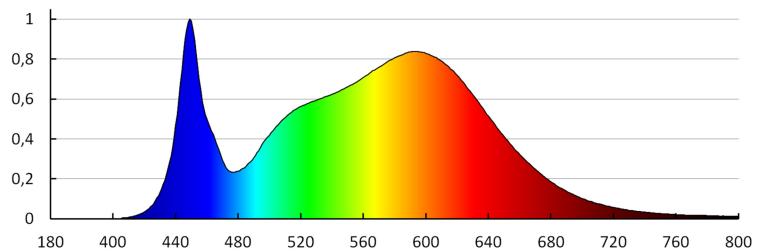
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LED light source replaces a fluorescent light source without integrated ballast of a particular wattage: Not applicable
Flicker metric (Pst LM): 1,0
Stroboscopic effect metric (SVM): 0,4

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]: 110
Grammage [g]: 176.5
Gross unit weight [g]: 164
Length of a unit pack [cm]: 3.7
Width of a unit pack [cm]: 15
Height of a unit pack [cm]: 15
Weight of a cardboard box [kg]: 10.59
Width of a cardboard box [cm]: 39
Height of a cardboard box [cm]: 33
Length of a cardboard box [cm] : 47.5
Volume of a cardboard box [m³]: 0.061133

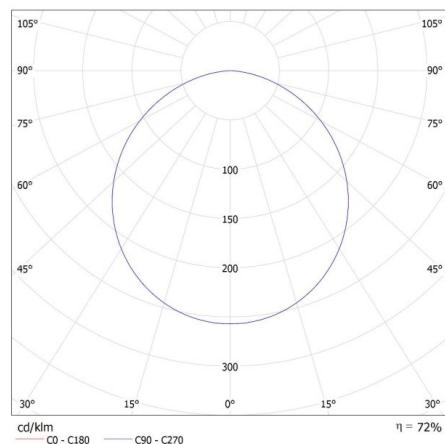


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KANLUX S.A. (kat 36512) TAVO LED DO 12W-NW / LDC (Polar)

Luminaire: KANLUX S.A. (kat 36512) TAVO LED DO 12W-NW
Lamps: 1 x TAVO LED DO 12W-NW



Date of issue: 27.02.2025, 13:42

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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ACCESSORIES

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

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