

## 36517 TAVO LED DL 12W-NW

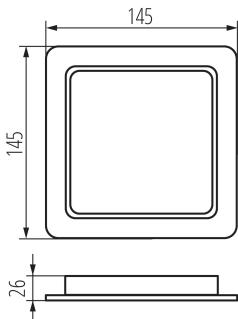
Downlight fitting

5905339365170

IP  
44/20



125x125



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

**Length [mm]:** 145

**Width [mm]:** 145

**Height [mm]:** 26

**Assembly hole [mm]:** 120X120

**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

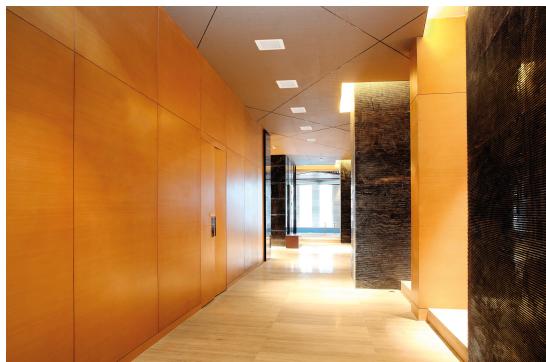
**Diode type:** LED SMD

**LED module:** 273D-28X2 V1.0

**Luminous flux [lm]:** 1250

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**Colour temperature:** white  
**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:** square  
**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  
**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  $\Phi_{use}$  [lm]:** 1800  
**Useful luminous flux of the light source  $\Phi_{use}$  [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]:** 98  
**Width of the light source [mm]:** 105  
**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]:** 114  
**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]:** 130

**Grammage [g]:** 201.17

**Gross unit weight [g]:** 188

**Length of a unit pack [cm]:** 3.7

**Width of a unit pack [cm]:** 17

**Height of a unit pack [cm]:** 15

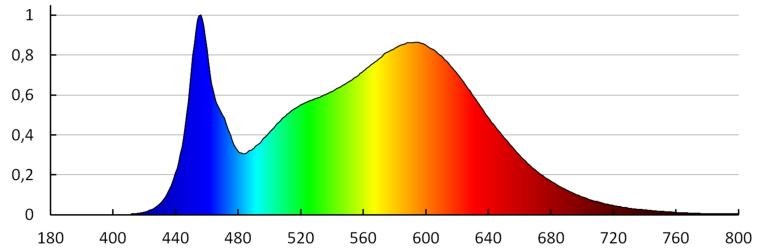
**Weight of a cardboard box [kg]:** 12.0702

**Width of a cardboard box [cm]:** 39.5

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

**Length of a cardboard box [cm] :** 52.5

**Volume of a cardboard box [m<sup>3</sup>]:** 0.068434

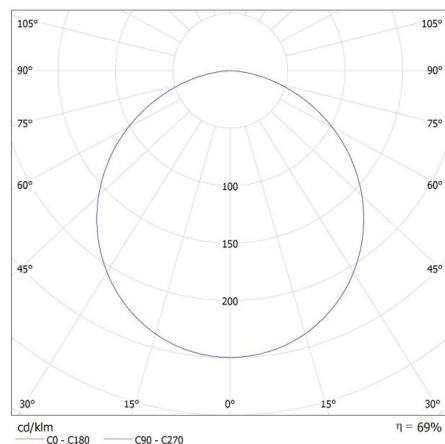


## 36517 TAVO LED DL 12W-NW

### Downlight fitting

KANLUX S.A. (kat 36517) TAVO LED DL 12W-NW / LDC (Polar)

Luminaire: KANLUX S.A. (kat 36517) TAVO LED DL 12W-NW  
Lamps: 1 x TAVO LED DL 12W-NW



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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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Downlight fitting

### 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. |