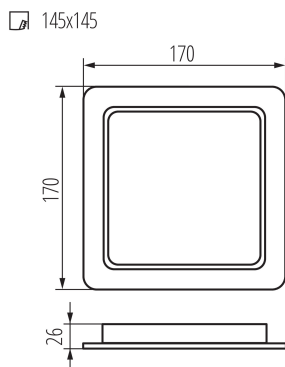


36518 TAVO LED DL 18W-NW

Downlight fitting

5905339365187

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-tuneable 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]: 170

Width [mm]: 170

Height [mm]: 26

Assembly hole [mm]: 145x145

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: 273D-28X2 V1.0

Luminous flux [lm]: 1900

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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: $5 \div 25$

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]: 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]: 2700

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]: 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]: 162

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 ($\cos \phi_1$): 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]: 168

Grammage [g]: 250.33

Gross unit weight [g]: 234

Length of a unit pack [cm]: 3.7

Width of a unit pack [cm]: 19.5

Height of a unit pack [cm]: 17.7

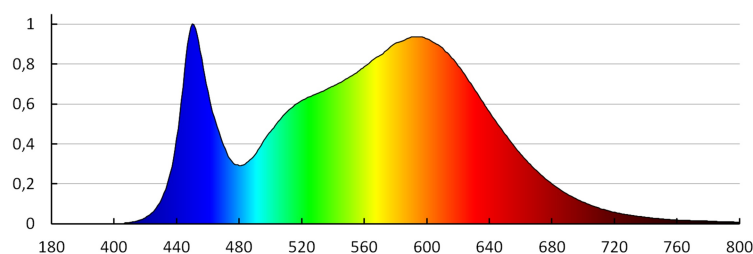
Weight of a cardboard box [kg]: 15.0198

Width of a cardboard box [cm]: 39

Height of a cardboard box [cm]: 37.5

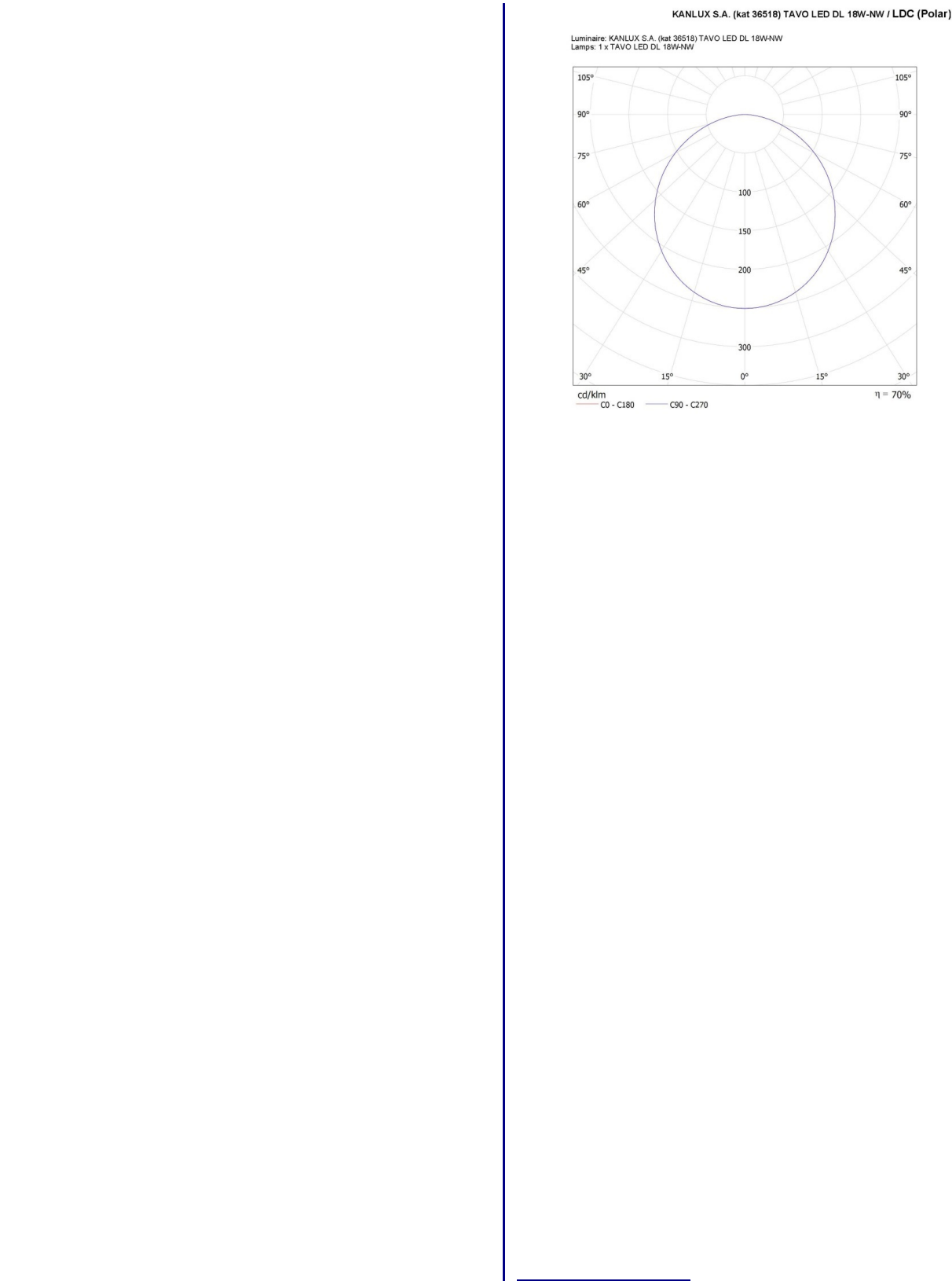
Length of a cardboard box [cm]: 60

Volume of a cardboard box [m³]: 0.08775



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Downlight fitting



Date of issue: 27.02.2025, 13:38

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.

Kanlux S.A. ul. Objazdowa 1-3, 41-922 Radzionków, Poland kanlux@kanlux.com

36518 TAVO LED DL 18W-NW

Downlight fitting

ACCESSORIES

36520

TAVO FRAME DO 12W

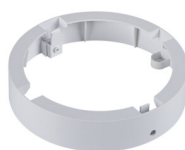
Ramka do montażu natynkowego downlightów Kanlux TAVO LED.



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.

