

## 39297 PRO-S S 50W-ZH NW

LED fixture

5905339392978



Kanlux PRO-S is a series of modern street luminaires designed with efficiency, durability and ease of installation in mind. Luminous efficacy reaches 160 lm/W, and durability up to 100,000 hours. Durable aluminum alloy housing and IK09 tempered glass guarantee reliability in difficult conditions, and a high IP66 protection level ensures full resistance to dust and moisture. The luminaires allow for adjustment of the tilt angle, installation on Ø50–Ø62 mm poles and quick, tool-free access to the power supply chamber. Integrated SPD 10kV surge protection and programmable power supplies (also with the DALI option) ensure full functionality and safety. The luminaires are available in two sizes: S and M, which allows you to match the solution to specific installation needs. The PRO-S ZH version allows integration with ZHAGA control systems (optionally NEMA). Kanlux PRO-S luminaires are covered by a 5-year manufacturer's warranty.

### PRODUCT PARAMETERS:

**Rated voltage [V]:** 220-240 AC

**Rated frequency [Hz]:** 50

**Maximum power [W]:** 50

**Luminous flux [lm]:** 7790

**Luminous efficiency of the lamp [lm/W]:** 156

**Lighting angle [°]:** X150/Y125

**Correlated colour temperature [K]:** 4000

**Colour consistency in McAdam ellipses:** 6

**Colour temperature:** white

**Colour rendering index:** 70

**Service life [h]:** 100000

**Luminous-flux-retention factor at the end of rated service life:** L80B10

**Number of on/off cycles:** ≥30000

**Diode type:** LED SMD

**Colour:** grey

**Place of assembly:** street pole

**Place of application:** outdoors

**Compatible with a dimmer:** no

**RAL:** 9023

**Control:** Zhaga

**Length [mm]:** 535

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**Width [mm]:** 210

**Height [mm]:** 108

**Class of protection against electric shock :** II

**Enclosure material:** aluminum alloy

**Protective glass material:** Tempered glass

**Ambient temperature range to which the product can be exposed:** -20÷45

**Connection type:** Free cable ends

**Wire type:** H05RN-F

**Wire length [m]:** 0.4

**Wire diameter [mm²]:** 0,75-2,5

**Overvoltage protection:** 10kV

**IK class:** 08

**IP class:** 66

**Additional information:** Possibility of replacing the LED light source only by qualified personnel (only by the manufacturer service)

**Additional information:** Possibility of replacing the control equipment only by qualified personnel (only by the manufacturer service)

**Mercury content:** no

**Mercury content in the lamp [mg]:** 0

#### PARAMETERS FOR LED AND OLED LIGHT SOURCES:

**Chromaticity coordinates (x):** 0,38

**Chromaticity coordinates (y):** 0,38

**Survival factor:** 0,9

**The lumen maintenance factor:** 0,96

**Lighting technology used:** LED

**Non-directional or directional light source :** NDLS

**Mains or non-mains light source :** NMLS

**Connected light source (CLS):** no

**Colour-tuneable light source:** no

**High luminance light source:** no

**Anti-glare shield:** no

**Dimmable:** no

#### PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES:

**LED light source replaces a fluorescent light source without integrated ballast of a particular wattage:** Not applicable

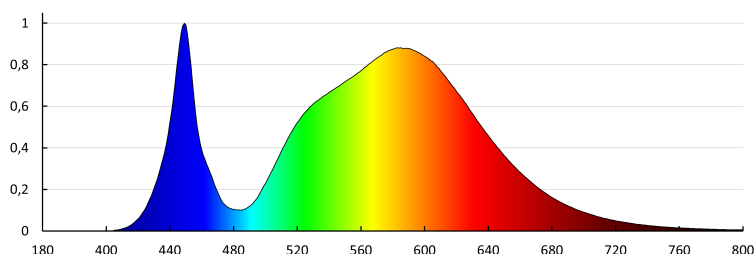
LED fixture

### LOGISTIC DATA:

**Unit of measurement:** unit  
**Packaging method:** 1  
**Number of units in the secondary packaging:** 1  
**Number of units in the packaging:** 1  
**Net unit weight [g]:** 3168  
**Grammage [g]:** 3710  
**Gross unit weight [g]:** 3718  
**Length of a unit pack [cm]:** 58  
**Width of a unit pack [cm]:** 28  
**Height of a unit pack [cm]:** 15.5  
**Weight of a cardboard box [kg]:** 3.71  
**Width of a cardboard box [cm]:** 28  
**Height of a cardboard box [cm]:** 15.5  
**Length of a cardboard box [cm]:** 58  
**Volume of a cardboard box [m<sup>3</sup>]:** 0.025172

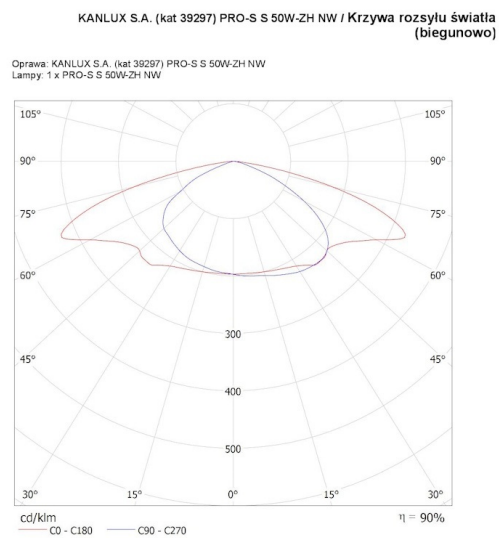
### ADDITIONAL INFORMATION:

- 5 years Warranty under the terms of the warranty statement, available on our website



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Date of issue: 11.06.2025, 10:54

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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