

# Kanlux



EAN: 5905339909428

LED street light fixture  
Kanlux 90942 PRO-SL S 20W NW



## PRODUCT PARAMETERS

|                      |            |
|----------------------|------------|
| Rated voltage [V]    | 220-240 AC |
| Rated frequency [Hz] | 50         |
| Maximum power [W]    | 20         |

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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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EN

## PRODUCT PARAMETERS

|   |   |
|---|---|
| Luminous flux [lm]  | 3300  |
| Correlated colour temperature [K]                               | 4000  |
| Colour consistency in McAdam ellipses                           | 6   |
| Colour temperature  | white   |
| Luminous efficiency of the lamp [lm/W]                          | 165   |
| Lighting angle [°]  | X150/Y125   |
| Diode type  | LED SMD   |
| 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  |
| Place of application  | outdoors  |
| IP class  | 66  |
| IK class  | 08  |
| Compatible with a dimmer  | no  |
| Wire type   | H05RN-F   |
| Wire diameter [mm <sup>2</sup> ]                                | 0,75-2,5  |
| Overvoltage protection  | 10kV  |
| LED light source replaceability                                 | Possibility of replacing the LED light source only by qualified personnel (only by the manufacturer service)  |
| Control gear replaceability                                     | Possibility of replacing the control equipment only by qualified personnel (only by the manufacturer service) |
| Product category according to 2019/2020/EU                      | Containing product (CP)   |
| Mercury content   | no  |
| Mercury content in the lamp [mg]                                | 0   |

## DIMENSIONS AND MOUNTING

|                   |                 |
|-------------------|-----------------|
| Height [mm]       | 100             |
| Width [mm]        | 174             |
| Length [mm]       | 436             |
| Wire length [m]   | 0.4             |
| Place of assembly | street pole     |
| Connection type   | Free cable ends |

## MATERIAL AND CONSTRUCTION

|   |                |
|---|----------------|
| Colour  | grey           |
| RAL   | 9023           |
| Enclosure material  | aluminum alloy |
| Protective glass material                                     | Tempered glass |
| Class of protection against electric shock                    | II             |
| Ambient temperature range to which the product can be exposed | -20÷45         |

## LIGHT SOURCE PARAMETERS

|   |                |
|---|----------------|
| Chromaticity coordinates (x)  | 0,3874         |
| Chromaticity coordinates (y)  | 0,4045         |
| Survival factor   | 0,9            |
| The lumen maintenance factor  | 0,96           |
| LED light source replaces a fluorescent light source without integrated ballast of a particular wattage | Not applicable |
| Colour-tuneable light source  | no             |
| High luminance light source   | no             |
| Anti-glare shield   | no             |
| Dimmable  | no             |

## LOGISTICS

|  |      |
|--|------|
| 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]                        | 2258 |
| Grammage [g]                               | 2570 |
| Gross unit weight [g]                      | 2570 |
| Length of a unit pack [cm]                 | 47   |
| Width of a unit pack [cm]                  | 20   |
| Height of a unit pack [cm]                 | 15.5 |
| Weight of a cardboard box [kg]             | 2.57 |

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| LOGISTICS                                   |         |
|---|---------|
| Width of a cardboard box [cm]               | 20      |
| Height of a cardboard box [cm]              | 15.5    |
| Length of a cardboard box [cm]              | 47      |
| Volume of a cardboard box [m <sup>3</sup> ] | 0.01457 |

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