

Kanlux



EAN: 5905339909473

LED street light fixture
Kanlux 90947 PRO-SL S 45W NW



PRODUCT PARAMETERS

Rated voltage [V]	220-240 AC
Rated frequency [Hz]	50
Maximum power [W]	45

Date of issue: 16.06.2026, 10:45

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

EN

PRODUCT PARAMETERS

Luminous flux [lm]	7430
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 ²]	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

Date of issue: 16.06.2026, 10:45

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

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 ³]	0.01457

Date of issue: 16.06.2026, 10:45

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