

## TECHNICAL CARD



LED Street Light

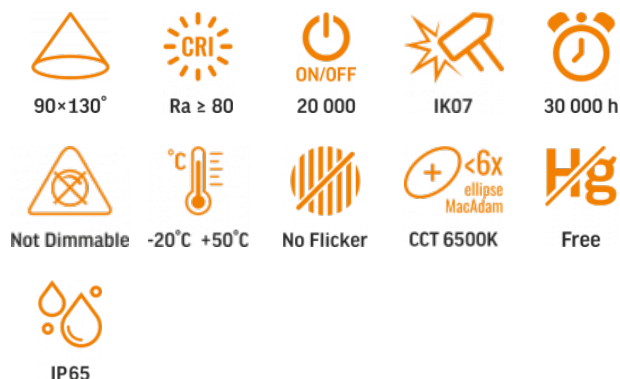


Pursuant to the provisions of the WEEE Act, it is forbidden to put waste equipment marked with the symbol of a crossed out bin together with other waste. The user, wishing to get rid of electronic and electrical equipment, is obliged to return it to a waste equipment collection point. There are no hazardous components in the equipment that have a particularly negative impact on the environment and human health.

# VIDEX®

## VIDEX-STREET-LED-LEYA-100W-NW5

### INDEX: VLE-SLE14-1005



## WARRANTY 3 YEARS

### NEUTRAL WHITE



Neutral White / Neutralny biały / Neutralni bila / Blanc neuter / Neutrálna biela / Neutraal wit / Semleges feher / Nevtralno bela / Neutralno bijela / Neutralweiß / Alb neutru / Neutralus balta / Neitrāls balta / Neutraalne valge / Нейтрално бяла / Bianco neutro.

## General parameters

Light source or containing product	Light source
Control gear replaceable	-
Light source replaceable	no

## Type of light source

Energy class of the light source	E
Dimmable	no
Directional (DLS) or non-directional (NDLS) light source	DLS
Connected light source (cls)	no
Color-tunable light source	no
Mains (MLS) or non-mains (NMLS) light source	MLS

Technology LED

## Electrical parameters

On-mode power (Pon)	100 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Cable length	30 cm
Rated current	480 mA
Input interface	Free wire ends
Electric shock protection class	I
Displacement factor (cos φ1)	0.9
Survival factor	0.9
Energy consumption in on-mode of the light source (kWh/1000h)	100

## Photometric parameters

Useful luminous flux (Φuse)	10000 Lm
Correlated color temperature	5000K (neutral white)
Peak luminous intensity	7000 cd
Beam angle	90 × 130°
Color rendering index (CRI)	Ra > 80
On/Off cycles	20000
Lifetime (L70B50)	30000 h
Useful luminous flux of the light source reference	in a wide cone (120°)
Chromaticity coordinates (x)	0.34
Chromaticity coordinates (y)	0.359
R9 colour rendering index value	>0

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<b>The lumen maintenance factor</b>	≥96%
<b>Flicker metric (Pst LM)</b>	≤1
<b>Stroboscopic effect metric (SVM)</b>	outdoor use
<b>Colour consistency in MacAdam ellipses (SDCM)</b>	<6 (6500K)

### Additional information

<b>Vertical adjustment range</b>	200°
<b>Place of installation</b>	Pillar, Wall
<b>Place of application</b>	outdoor
<b>Impact protection</b>	IK07
<b>Housing colour</b>	Gray
<b>Diffuser material</b>	Polycarbonate (PC)
<b>Minimum distance from the illuminated object</b>	0.5 m
<b>Operating temperature range</b>	-20° +50°C
<b>Suitable for installation in normally flammable surfaces</b>	yes
<b>Mercury content</b>	Does not contain
<b>Ingress protection</b>	IP65
<b>Housing material</b>	Aluminum alloy

### Dimensions

<b>EAN</b>	5904405542279
<b>In the package</b>	1 pc.
<b>Height</b>	564 mm
<b>Outer box</b>	5 pcs.
<b>Width</b>	189 mm

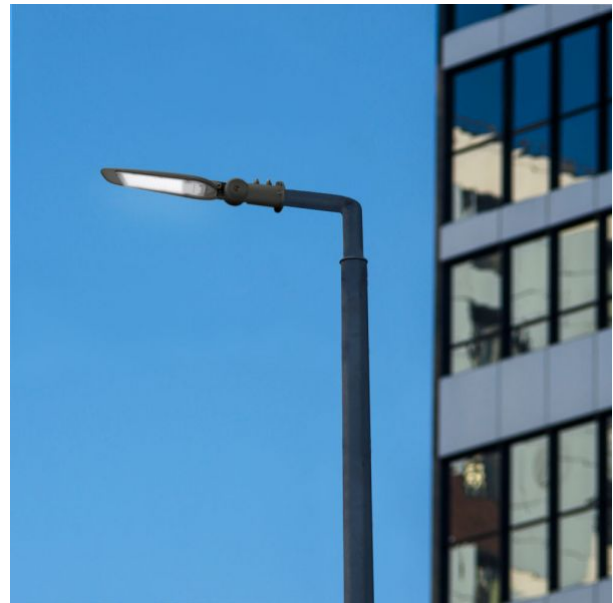
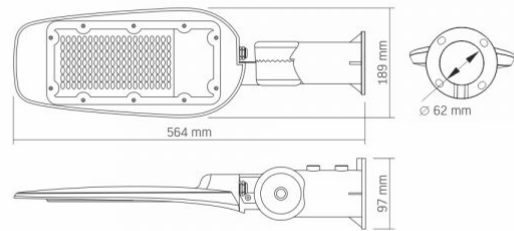
**Depth** 97 mm

### Signs marking goods

#### Packaging marking

Recycling of waste, CE, Utilization



**VIDEX<sup>®</sup>****VIDEX-STREET-LED-LEYA-100W-NW5****INDEX: VLE-SLE14-1005**

We reserve the right to make technical changes. The data contained in this material is not legally binding.

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30-732 Krakow, Poland.

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-  The product must be used outdoors
-  Protection against electric shock class I. A product in which the means of protection against electric shock, in addition to the main insulation, is an additional protective circuit connected to the grounding of the power supply network
-  Minimum distance from the illuminated object  
0,5 m
-  The product can be installed and used in/on normally flammable surfaces
-  Waste recycling after the end of the product's service life
-  The product meets the requirements of EU directives
-  It is forbidden to throw away waste equipment marked with the symbol of a crossed-out bin with other waste
-  — Effective light beam angle  
90°-130°
-  — Ra > 80 - color rendering index  
Ra > 80
-  — Rated On/off cycles  
ON/OFF  
20 000
-  — The product withstands a medium impact (e.g., from a blunt object)  
IK07
-  — Nominal lifetime (hours)  
30 000 h
-  — The product is incompatible with light regulators  
Not Dimmable
-  — Operating temperatures range  
-20°C +50°C
-  — The flickering of the light does not exceed the permissible level  
No Flicker
-  — Colour consistency in MacAdam ellipses (SDCM)  
+ <math>\leq 6x</math> MacAdam  
CCT 6500K
-  — The product does not contain mercury  
Hg  
Free
-  — Class of protection against dust and moisture.  
The product has full protection against dust and water jets from all directions  
IP65