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

INDEX: VLE-SLE14-1005

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.

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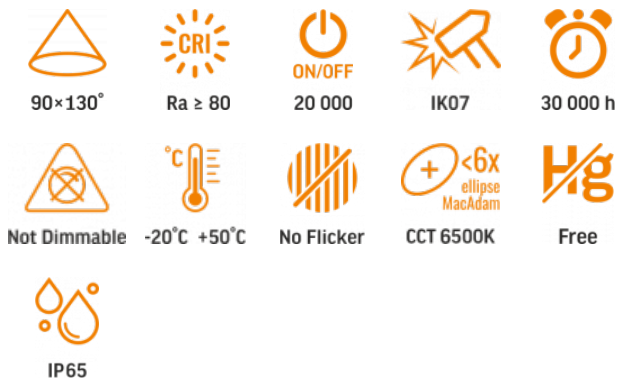

WARRANTY 3 YEARS

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 / Неутрално бяла / Bianco neutro.

LED street light with complete protection against water, dirt and mechanical impact. This product is intended for lighting of park paths, street sidewalks, yards, roads of local and regional importance. A wide range of operating temperatures removes restrictions on the use of the light in any weather...

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

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

EAN	5904405542279
Height	564 mm
Depth	97 mm
In the package	1 pc.
Outer box	5 pcs.
Width	189 mm

Signs marking goods

Packaging marking	Recycling of waste, CE, Utilization

Additional information

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

Dimensions

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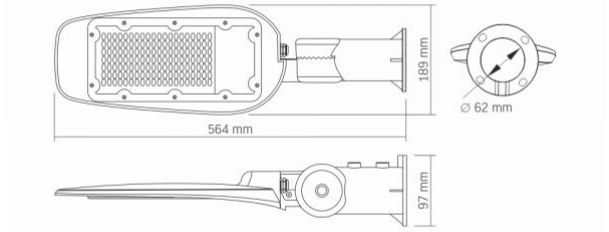

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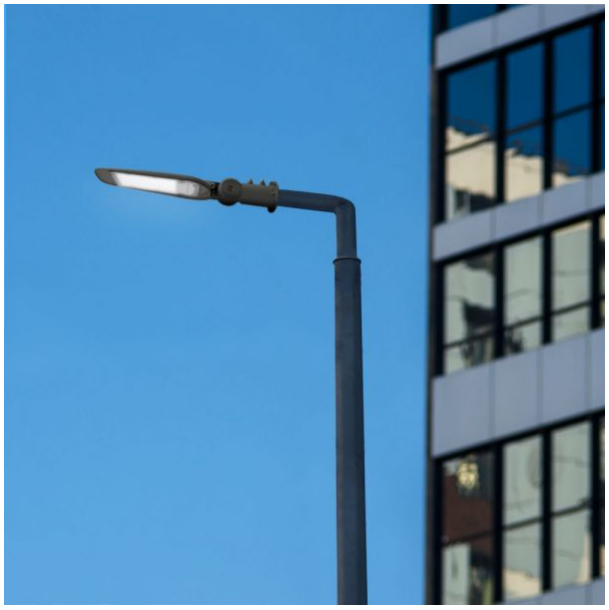

We reserve the right to make technical changes. The data contained in this material is not legally binding.

Allegro opt Sp. z o.o., ul. Mierzeja Wiślana 11, 30-732 Krakow, Poland.

- 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
- 0,5 m — Minimum distance from the illuminated object
- F — The product can be installed and used in/on normally flammable surfaces
- Waste recycling after the end of the product's service life
- CE — 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
- 90×130° — Effective light beam angle
- CRI Ra ≥ 80 — Ra > 80 – color rendering index
- ON/OFF 20 000 — Rated On/off cycles
- IK07 — The product withstands a medium impact (e.g., from a blunt object)
- 30 000 h — Nominal lifetime (hours)
- Not Dimmable — The product is incompatible with light regulators
- -20°C +50°C — Operating temperatures range
- No Flicker — The flickering of the light does not exceed the permissible level
- <6x MacAdam CCT 6500K — Colour consistency in MacAdam ellipses (SDCM)
- Hg Free — The product does not contain mercury
- IP65 — Class of protection against dust and moisture. The product has full protection against dust and water jets from all directions

Date: 12.07.2025