VIDEX-FLOOD-LED-F3-PIR-50W-5K

INDEX: VLE-F3-0505B-S

TECHNICAL CARD



LED Floodlight with motion sensor

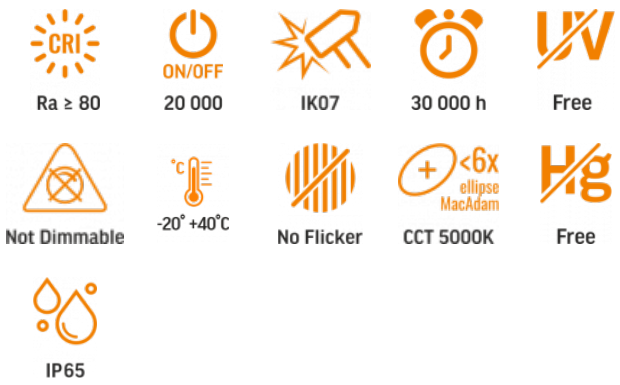
0,5 m

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.

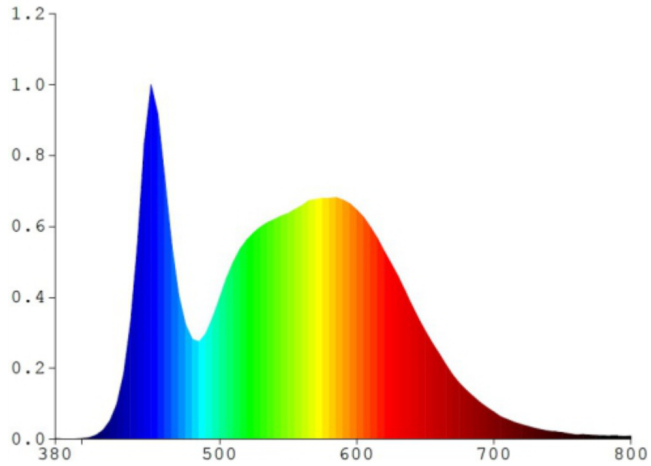
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WARRANTY 2 YEARS





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.

General parameters

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

Type of light source

Energy class of the light source	F
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
High luminance light source	No
Anti-glare shield	No
Technology	LED

Electrical parameters

On-mode power (Pon)	50 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Cable length	20 cm
Rated current	250 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)	50

Photometric parameters

Luminous flux	4750 Lm
Useful luminous flux (Φuse)	4100 Lm

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Correlated color temperature	5000K (neutral white)
Peak luminous intensity	2100 cd
Beam angle	110°
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°)
Sensor light threshold	10-2000 Lx
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 (5000K)
CRI Min	Ra 80
CRI Max	Ra 88

Additional information

Vertical adjustment range	180°
Place of installation	Ceiling, Flat surface, Wall
Place of application	outdoor
Impact protection	IK07
Housing colour	Black
Diffuser material	Polycarbonate (PC)

Minimum distance from the illuminated object	0.5 m
Ultraviolet radiation	no
Motion sensor	yes
Sensor type	PIR
Sensor detection angle	120°
Sensor time delay	10 s - 7 min
Sensor detection distance	2 - 8 m
Operating temperature range	-20° +40°C
Suitable for installation in normally flammable surfaces	yes
Mercury content	Does not contain
Ingress protection	IP65
Housing material	Aluminum alloy

Dimensions

EAN	5904405542491
In the package	1 pc.
Outer box	20 pcs.
Height	190 mm
Width	180 mm
Depth	52 mm
Unit nett weight	470g

Signs marking goods

Packaging marking	Recycling of waste, CE, Utilization

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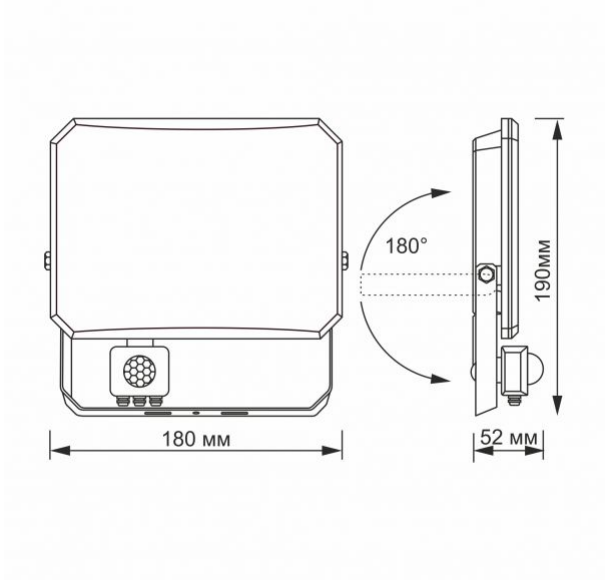


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We reserve the right to make technical changes. The data contained in this material is not legally binding.

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
- 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)
- UV Free — The product does not emit ultraviolet light
- Not Dimmable — The product is incompatible with light regulators
- -20° +40°C — Operating temperatures range
- No Flicker — The flickering of the light does not exceed the permissible level
- <6x ellipse MacAdam CCT 5000K — 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: 14.10.2025