

INDEX: VLE-F3-0505B-S

TECHNICAL CARD





LED Floodlight with motion sensor

















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Ra ≥ 80

















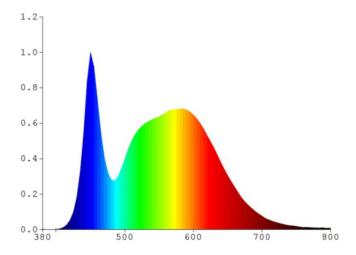






Not Dimmable

WARRANTY 2 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 / 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 (Φ use)	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)

0.5 m
no
yes
PIR
120°
10 s - 7 min
2 - 8 m
-20° +40°C
yes
Does not contain
IP65
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

	Recycling of
Packaging marking	waste, CE,
	Utilization



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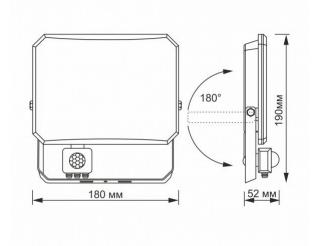






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We reserve the right to make technical changes. The data contained in this material is not legally binding.

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



Minimum distance from the illuminated object



The product can be installed and used in/on normally flammable surfaces



Waste recycling after the end of the product's service



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



Ra > 80 - color rendering index



— Rated On/off cycles



The product withstands a medium impact (e.g., from a blunt object)



Nominal lifetime (hours)



The product does not emit ultraviolet light



The product is incompatible with light regulators



Operating temperatures range



The flickering of the light does not exceed the permissible level



Colour consistency in MacAdam ellipses (SDCM)



The product does not contain mercury



Class of protection against dust and moisture.

— The product has full protection against dust and water jets from all directions

Date: 25.11.2025