

## VIDEX-FLOOD-LED-DAVIS-100W-NW

INDEX: VL-F2-1005G

# **TECHNICAL CARD**





LED Floodlight















LED



### VIDEX-FLOOD-LED-DAVIS-100W-NW

### INDEX: VL-F2-1005G

**Technology** 

























### **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.

### **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	D
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

<b>Electrical</b>	parameters

On-mode power (Pon)	100 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
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 (Фuse)	13000 Lm
Correlated color temperature	5000K (neutral white)
Peak luminous intensity	8800 cd
Beam angle	90°
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
The lumen maintenance factor	≥96%



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**Depth** 30.9 mm

Signs marking goods

Packaging marking Recycling of waste, CE, Utilization





# Flicker metric (Pst LM) ≤1 Stroboscopic effect metric (SVM) outdoor use Colour consistency in MacAdam ellipses (5DCM) <6 (6500K)

### **Additional information**

Vertical adjustment range	180°
Place of installation	Ceiling, Flat surface, Wall
Place of application	outdoor
Impact protection	IK07
Housing colour	Gray
Diffuser material	Polycarbonate (PC)
Minimum distance from the illuminated object	0.5 m
Motion sensor	no
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

### **Dimensions**

EAN	5904405542132
In the package	1 pc.
Height	284.3 mm
Outer box	10 pcs.
Width	253 mm

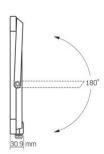


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We reserve the right to make technical changes. The data contained in this material is not legally binding.

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 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



Rated beam angle



— 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 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

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