

TECHNICAL CARD



LED Floodlight with motion sensor



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.

INDEX: VL-F5-020CW-S

WARRANTY 2 YEARS
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
Mains (MLS) or non-mains (NMLS) light source	MLS
Connected light source (cls)	no
Color-tunable light source	no
High luminance light source	No
Anti-glare shield	No
Technology	LED

Electrical parameters

On-mode power (Pon)	20 W
Rated voltage, frequency	AC 220-240 V, 50/60 Hz
Displacement factor (cos φ1)	0.9
Rated current	100 mA
Input interface	Free wire ends
Electric shock protection class	I
Energy consumption in on-mode of the light source (kWh/1000h)	20
Survival factor	0.9

Photometric parameters

Luminous flux	2000 Lm
Useful luminous flux (Φuse)	1800 Lm
Peak luminous intensity	1087 cd
Correlated color temperature	6500K (cold white), 5000K (neutral white), 3000K (warm white)
Beam angle	90°
Color rendering index (CRI)	Ra > 80
Lifetime (L70B50)	30000 h
On/Off cycles	20000
Sensor light threshold	10-2000 Lx
Useful luminous flux of the light source reference	in a wide cone (120°)
R9 colour rendering index value	>0
The lumen maintenance factor	≥96%

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Colour consistency in MacAdam ellipses (SDCM) <6 (3000K),
<6 (5000K),
<6 (6500K)

Flicker metric (Pst LM) ≤1

Stroboscopic effect metric (SVM) outdoor use

CRI Min Ra 80

CRI Max Ra 88

Additional information

Vertical adjustment range 180°

Impact protection IK07

Place of installation Ceiling, Flat surface, Wall

Place of application outdoor

Motion sensor yes

Sensor type PIR

Sensor detection angle 120°

Sensor time delay 10 s - 7 min

Sensor detection distance 2 - 8 m

Housing colour White

Diffuser material Polycarbonate (PC)

Ultraviolet radiation no

Operating temperature range -25° +40°C

Minimum distance from the illuminated object 0.5 m

Suitable for installation in normally flammable surfaces yes

Mercury content Does not contain

Ingress protection IP65

Housing material

Aluminum, Iron alloy

Dimensions

EAN 4823135400431

Height 205 mm

Width 126 mm

Depth 54 mm

In the package 1 pc.

Outer box 20 pcs.

Unit nett weight 290g

Signs marking goods

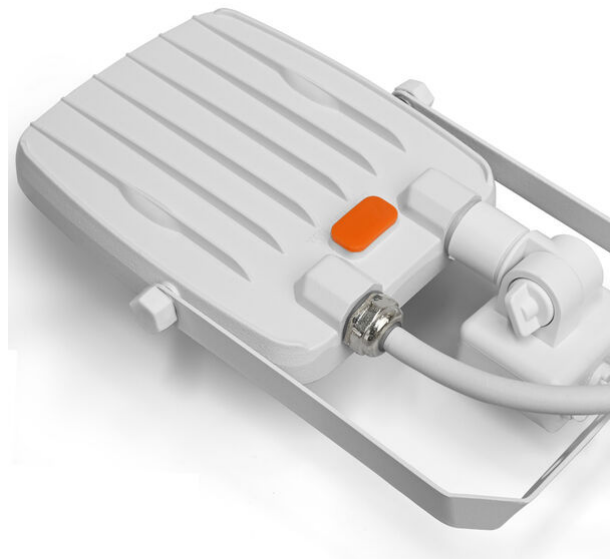
Packaging marking

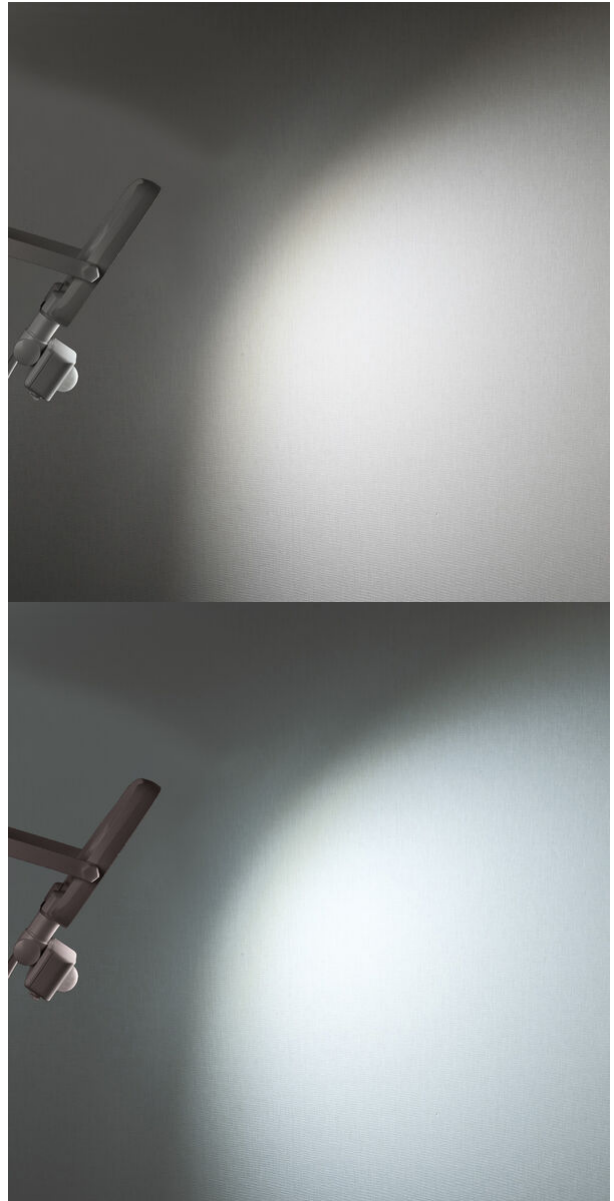
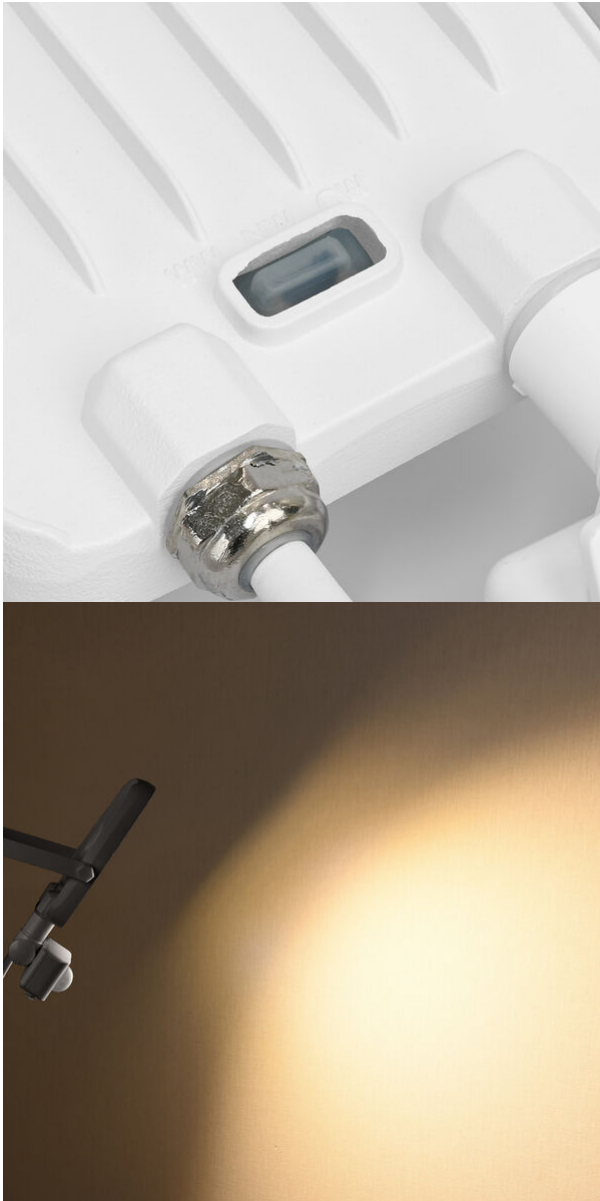
Recycling of waste, CE, Utilization

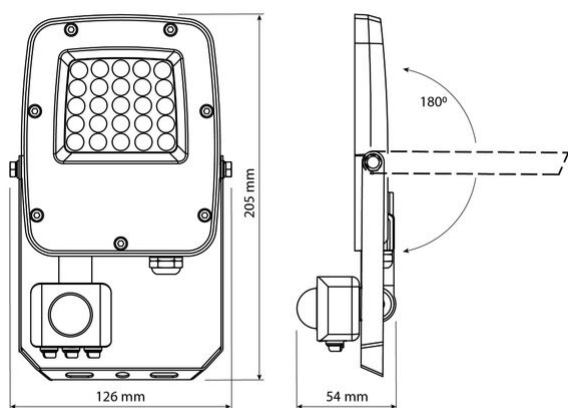


VIDEX[®]**VIDEX-FLOOD-LED-F5-PIR-20W-CCT****INDEX: VL-F5-020CW-S**

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

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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



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



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



Ra > 80 – color rendering index



Nominal lifetime (hours)



Rated On/off cycles



The product does not emit ultraviolet light



The product is incompatible with light regulators



Colour consistency in MacAdam ellipses (SDCM)



Colour consistency in MacAdam ellipses (SDCM)



Colour consistency in MacAdam ellipses (SDCM)



The flickering of the light does not exceed the permissible level



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