

## 38494 ACETE 100W CCT GR

LED floodlight

5905339384942



The Kanlux ACETE series of floodlights is a modern lighting solution that meets the latest market trends. The ACETE series offers the ability to change the color temperature (3000K, 4000K and 6500K), which is becoming a standard on the market. Kanlux ACETE floodlights are available in five powers: 10W, 20W, 30W, 50W and 100W, which allows them to be adapted to a wide range of applications. The series includes two versions - without a sensor and with a PIR sensor, providing even greater flexibility of use. Versions with a PIR sensor offer adjustment of the lighting time, light intensity and detection area. Products from the ACETE series are characterized by high luminous efficiency of 100 lm/W, which guarantees effective lighting with low energy consumption. The solid construction of the cast aluminum fixtures and the plastic (PC) diffuser ensure durability and resistance to weather conditions. ACETE floodlights have a protection class of IP65 for the version without a sensor and IP44 for the version with a motion sensor. The angle-adjustable mounting bracket allows you to precisely set the light direction. Additionally, the connection cable's length of 20 cm makes installation easier. The lighting angle of 90° ensures wide and even light dispersion.

### TYPE OF LIGHT SOURCE:

**Lighting technology used:** LED

**Non-directional or directional light source :** DLS

**Mains or non-mains light source :** MLS

**Connected light source (CLS):** no

**Colour-tunable light source:** no

**High luminance light source:** no

**Anti-glare shield:** no

**Dimmable:** no

### PRODUCT PARAMETERS:

**Colour:** grey

**Place of assembly:** ceiling mounted, wall mounted

**Place of application:** outdoors

**Minimum distance from the illuminated object :** 1m

**Compatible with a dimmer:** no

**Wykrywanie ruchu:** no

**Width [mm]:** 276

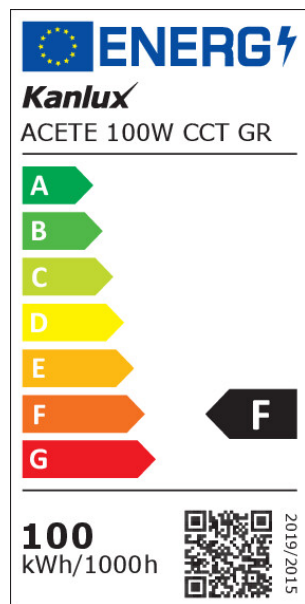
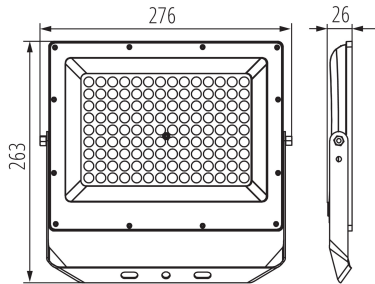
**Height [mm]:** 263

**Depth [mm]:** 26

**Rated voltage [V]:** 220-240 AC

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**Rated frequency [Hz]:** 50  
**Maximum power [W]:** 100  
**Class of protection against electric shock:** I  
**Lampshade material:** PC  
**Diode type:** LED SMD  
**Luminous flux [lm]:** 8500 / 10800 / 9700  
**Colour temperature:** Warm white, white, cold white  
**Cap (Light source):** Free cable ends  
**Service life [h]:** 25000  
**Number of on/off cycles:**  $\geq 15000$   
**Lighting angle [°]:** 90  
**Ambient temperature range to which the product can be exposed:** -20÷40  
**Enclosure material:** aluminum alloy  
**Wire length [m]:** 0.2  
**Wire diameter [mm<sup>2</sup>]:** 1  
**Reflector type:** symmetrical  
**Lamp-heating time [s]:**  $\leq 1$   
**Lamp-ignition time [s]:**  $\leq 0,5$   
**The fixture is movable vertically [°]:** 180  
**IP class:** 65  
**Additional information:** Light source (LS)  
**Mercury content:** no  
**Mercury content in the lamp [mg]:** 0

### PARAMETERS FOR DIRECTIONAL LIGHT SOURCES:

**Peak luminous intensity [cd]:** 5240  
**Beam angle [°]:** 90

### PARAMETERS FOR LED AND OLED LIGHT SOURCES:

**Energy consumption in on-mode of the light source (kWh/1000h):** 100  
**Energy efficiency class:** F  
**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** 8500  
**Useful luminous flux of the light source  $\Phi_{use}$  [lm]:** in wide cone (120°)  
**Correlated colour temperature [K]:** 3000/4000/6500  
**Colour consistency in McAdam ellipses:** 6  
**On-mode power of the light source  $P_{on}$  [W]:** 100  
**Height of the light source [mm]:** 263  
**Width of the light source [mm]:** 276  
**Depth of the light source [mm]:** 26  
**Colour rendering index:** 80  
**Chromaticity coordinates (x):** 0,38  
**Chromaticity coordinates (y):** 0,38

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**R9 colour rendering index value** : 0

**Survival factor**: 0,9

**The lumen maintenance factor**: 0,96

### PARAMETERS FOR LED AND OLED

#### MAINS LIGHT SOURCES:

**Displacement factor (cos  $\phi$ 1)**: 0,9

**LED light source replaces a fluorescent light source without integrated ballast of a particular wattage**: Not applicable

**Flicker metric (Pst LM)** : 1.0

**Stroboscopic effect metric (SVM)** : 4,4

#### LOGISTIC DATA:

**Unit of measurement**: unit

**Packaging method**: 10

**Number of units in the secondary packaging** : 1

**Number of units in the packaging**: 10

**Net unit weight [g]** : 840

**Grammage [g]**: 977

**Gross unit weight [g]** : 934

**Length of a unit pack [cm]** : 26.5

**Width of a unit pack [cm]** : 3

**Height of a unit pack [cm]**: 27.5

**Weight of a cardboard box [kg]** : 9.77

**Width of a cardboard box [cm]** : 29.5

**Height of a cardboard box [cm]** : 29

**Length of a cardboard box [cm]** : 31

**Volume of a cardboard box [m<sup>3</sup>]** : 0.026521

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