

NOVA LUCE

Supplier's name or trade mark: NOVA LUCE S.A
Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE
Model identifier: 9180712
Type of light source: LED



Product information Sheet

General Information

| | |
|-----------------|---------|
| Material number | 9180712 |
| Type | Wall |
| Product segment | INDOOR |

Dimensions

| | |
|----------------|------|
| Lenght (in cm) | 6cm |
| Width (in cm) | 12cm |
| Height (in cm) | 37cm |
| Net Weight | |

Material & Colour

| | |
|--------------------|-----------------|
| Enclosure Material | Metal & Acrylic |
| Colour | Black |
| Adjustable | Yes |

Functionality

| | |
|-------------|--|
| Switch Type | |
| Function | |
| Battery | |
| USB Charger | |

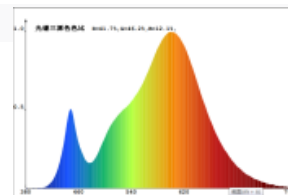
Technical Information

| | |
|--|----------|
| Protection Degree | IP20 |
| Protection Class | CLASS II |
| Mains Voltage | 230V |
| max. Wattage | 5.83W |
| Lumen | 426Lm |
| Equivalence With Incandescent Lamp (W) | |
| Colour Temperature | 3000K |
| Nominal Lifetime (in h) | 30000H |
| Switching Cycles | - |
| Colour Rendering Index (Ra, CRI) | 80,7 |
| Rated Lamp Power (0,1W precision) | 5.83W |
| Colour Tolerance (LED, SDCM) | 2,4 |

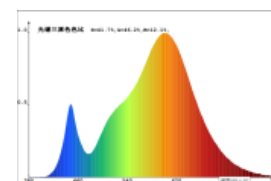
Product information

| | |
|---|------|
| Lighting technology used [LED/OLED/MIXED/OTHER] | LED |
| Non-directional or directional [NDLS/DLS] | NDLS |
| Mains or non-mains [MLS/NMLS] | NMLS |
| Connected light source (CLS) [yes/no] | No |
| Colour-tuneable light source [yes/no] | No |
| Envelope [no/second/non-clear] | - |
| High luminance light source [yes/no] | No |
| Anti-glare shield [yes/no] | No |
| Dimmable [yes/only with specific dimmers/no] | No |

General Product parameters

| | |
|---|---|
| Energy consumption in on-mode (kWh/1000h) | 5.83 |
| Energy efficiency class | G |
| Useful luminous flux (Φ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°) | 426.00lm |
| Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set : | 3039K |
| On-mode power (P_{on}), expressed in W [x,x] | 5.83W |
| Standby power (P_{sb}), expressed in W and rounded to the second decimal | 0 |
| Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal | 0 |
| Colour rendering index, rounded to the nearest integer , or the range of CRI values that can be set | 80,7 |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre): | 2838*0.2W 4W/PC |
| Spectral power distribution in the range 250 nm to 800 nm, at full-load |  |

Parameters for LED and OLED light sources

| | |
|--|---|
| R9 colour rendering index value | -2 |
| Survival factor [x,xx] | 0,9 |
| The lumen maintenance factor [x,xx] | 96% |
| Displacement factor ($\cos \phi_1$) | 0,707 |
| Colour consistency in McAdam ellipses | 2,4 |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular Wattage | |
| If yes then replacement claim (W) | |
| Flicker metric (Pst Lm) [x,x] | 0,177 |
| Stroboscopic effect metric (SVM) [X,X] | 0,05 |
| Pon in W | 5.83W |
| Displacement factor ($\cos \phi_1$) for LED and OLED mains light sources | 0,957 |
| Colour consistency in MacAdam ellipse steps for LED and OLED light sources | 2,4 |
| Flicker metric (PstLM) for LED and OLED light sources | 0,177 |
| Stroboscopic effect metric (SVM) for LED and OLED light sources | 0,05 |
| Excitation purity, only for CTLS, for the following colours and dominant wavelength within the given range: Blue 440nm - 490nm, Green 520nm - 570nm, Red 610nm - 670nm |  |

