

NOVA LUCE

Supplier's name or trade mark: NOVA LUCE S.A
Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE
Model identifier: 7770442
Type of light source: LED



Product information Sheet

General Information

| | |
|-----------------|-----------|
| Material number | 7770442 |
| Type | Spot |
| Product segment | TECHNICAL |

Dimensions

| | |
|------------------|----------|
| Diameter (in cm) | 9.6 Cm |
| Cut out (in cm) | 8.5 Cm |
| Height (in cm) | 12-21 Cm |
| Net Weight | |

Material & Colour

| | |
|--------------------|-----------|
| Enclosure Material | Aluminium |
| Colour | White |
| Adjustable | |

Functionality

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

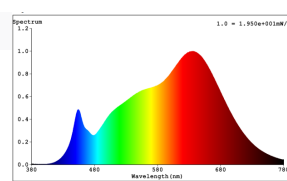
Technical Information

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|--|----------|
| Protection Degree | IP20 |
| Protection Class | |
| Mains Voltage | 220-240V |
| max. Wattage | 15W |
| Lumen | |
| Equivalence With Incandescent Lamp (W) | |
| Colour Temperature | 3000K |
| Nominal Lifetime (in h) | 30000H |
| Switching Cycles | |
| Colour Rendering Index (Ra, CRI) | ≥90 |
| Rated Lamp Power (0,1W precision) | |
| Colour Tolerance (LED, SDCM) | |

Product information

| | |
|---|-----|
| Lighting technology used [LED/OLED/MIXED/OTHER] | LED |
| Non-directional or directional [NDLS/DLS] | DLS |
| Mains or non-mains [MLS/NMLS] | MLS |
| Connected light source (CLS) [yes/no] | No |
| Colour-tuneable light source [yes/no] | No |
| Envelope [no/second/non-clear] | No |
| 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) | 15 |
| Energy efficiency class | F |
| 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°) | 1090lm |
| 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 : | 3000K |
| On-mode power (P_{on}), expressed in W [x,x] | 15W |
| 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 | 90 |
| Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre): | 128mm*94mm*94mm |
| Spectral power distribution in the range 250 nm to 800 nm, at full-load |  |

Chromaticity coordinates (x and y)

3000K: (x: 0.4400; y: 0.4030)

Parameters for LED and OLED light sources

| | |
|--|--------|
| Peak luminous intensity (cd) | 6000cd |
| Beam angle in degrees, or the range of beam angles that can be send | 20° |
| R9 colour rendering index value | 90 |
| Survival factor [x,xx] | 90% |
| Survival factor for LED and OLED | ≥90% |
| The lumen maintenance factor [x,xx] | 96% |
| Displacement factor ($\cos \phi_1$) | 0.9 |
| Colour consistency in McAdam ellipses | ≤6 |
| 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] | 1.0 |
| Stroboscopic effect metric (SVM) [X,X] | 0.4 |
| Pon in W | 15W |
| Displacement factor ($\cos \phi_1$) for LED and OLED mains light sources | 0.9 |
| Colour consistency in MacAdam ellipse steps for LED and OLED light sources | ≤6 |
| Flicker metric (PstLM) for LED and OLED light sources | 1.0 |
| Stroboscopic effect metric (SVM) for LED and OLED light sources | 0.4 |
| 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 | |

