

# NOVA LUCE

**Supplier's name or trade mark:** NOVA LUCE S.A

**Supplier's address:** SCHIMATARI VIOTIAS 32009, GREECE

**Model identifier:** 9501211

**Type of light source:** LED



## Product information Sheet

### General Information

|                 |         |
|-----------------|---------|
| Material number | 9501211 |
| Type            | Ceiling |
| Product segment | Indoor  |

### Dimensions

|                |        |
|----------------|--------|
| Lenght (in cm) | 40 Cm  |
| Width (in cm)  | 40 Cm  |
| Height (in cm) | 4.5 Cm |
| Net Weight     |        |

### Material & Colour

|                    |                     |
|--------------------|---------------------|
| Enclosure Material | Aluminium & Acrylic |
| Colour             | Sandy Black         |
| Adjustable         |                     |

### Functionality

|             |        |
|-------------|--------|
| Switch Type | On/Off |
| Function    |        |
| Battery     |        |
| USB Charger |        |

### Technical Information

|                                        |          |
|----------------------------------------|----------|
| Protection Degree                      | IP20     |
| Protection Class                       | CLASS II |
| Mains Voltage                          | 230V     |
| max. Wattage                           | 32 W     |
| Lumen                                  | 2240Lm   |
| Equivalence With Incandescent Lamp (W) |          |
| Colour Temperature                     | 3000K    |
| Nominal Lifetime (in h)                | 20000    |
| Switching Cycles                       | >15000   |
| Colour Rendering Index (Ra, CRI)       | 80       |
| Rated Lamp Power (0,1W precision)      | 30       |
| Colour Tolerance (LED, SDCM)           | LED      |

## Product information

|                                                 |       |
|-------------------------------------------------|-------|
| Lighting technology used [LED/OLED/MIXED/OTHER] | LED   |
| Non-directional or directional [NDLS/DLS]       | NDLS  |
| Mains or non-mains [MLS/NMLS]                   | Mains |
| Connected light source (CLS) [yes/no]           | Yes   |
| 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]                      | Yes   |
| Dimmable [yes/only with specific dimmers/no]    | No    |

## General Product parameters

|                                                                                                                                                                |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Energy consumption in on-mode (kWh/1000h)                                                                                                                      | 32           |
| Energy efficiency class                                                                                                                                        | F            |
| The calculations performed with the parameters, including the determination of the energy class                                                                | 2240         |
| Useful luminous flux ( $\Phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)                 |              |
| Correlated colour temperature, rounded to the nearest 100 K,<br>or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set : | 3000         |
| On-mode power ( $P_{on}$ ), expressed in W [x,x]                                                                                                               | 30           |
| Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal                                                                                   |              |
| Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal                                                                |              |
| Colour rendering index, rounded to the nearest integer , or the range of CRI values that can be set                                                            | 80           |
| Outer dimensions without separate control gear, lighting control parts<br>and non-lighting control parts, if any (millimetre):                                 | L40*40*4.5cm |
| Spectral power distribution in the range 250 nm to 800 nm, at full-load                                                                                        |              |
| Claim of equivalent power (c)                                                                                                                                  | No           |
| If yes, equivalent power (W)                                                                                                                                   |              |
| Chromaticity coordinates (x and y)                                                                                                                             |              |

## Parameters for directional light sources

|                                                                    |  |
|--------------------------------------------------------------------|--|
| Peak luminous intensity (cd)                                       |  |
| Beam angle in degrees, or the range of beam angles that can be set |  |
| Beam Angle in degrees for directional light source                 |  |

## Parameters for LED and OLED light sources

|                                                                                                                        |        |
|------------------------------------------------------------------------------------------------------------------------|--------|
| R9 colour rendering index value                                                                                        | 1      |
| Survival factor [x,xx]                                                                                                 | 1      |
| The lumen maintenance factor [x,xx]                                                                                    | 95%    |
| Displacement factor ( $\cos \phi_1$ )                                                                                  | 0.95   |
| Displacement factor ( $\cos \phi_1$ ) for LED and OLED mains light sources                                             | 0.95   |
| Colour consistency in McAdam ellipses                                                                                  | 5      |
| Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular Wattage | No     |
| Colour consistency in MacAdam ellipse steps for LED and OLED light sources                                             | 5      |
| Flicker metric ( $P_{st} Lm$ ) [x,x]                                                                                   | 0.0035 |
| Flicker metric ( $P_{st} LM$ ) for LED and OLED light sources                                                          | 0.0035 |
| Stroboscopic effect metric (SVM) [X,X]                                                                                 | 0.0015 |
| Stroboscopic effect metric (SVM) for LED and OLED light sources                                                        |        |
| $P_{on}$ in W                                                                                                          | 30     |
| The calculations performed with the parameters, including the determination of the energy class                        | F      |

