

NOVA LUCE

Supplier's name or trade mark: NOVA LUCE S.A
Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE
Model identifier: 9001532
Type of light source: LED



Product information Sheet

General Information

| | |
|-----------------|---------------|
| Material number | 9001532 |
| Type | Ceiling light |
| Product segment | INDOOR |

Dimensions

| | |
|------------------|---------|
| Diameter (in cm) | 40 Cm |
| Width (in cm) | |
| Height (in cm) | 5 Cm |
| Net Weight | 3,55 Kg |

Material & Colour

| | |
|--------------------|------------------------------|
| Enclosure Material | Aluminium & Acrylic Diffuser |
| Colour | Sandy White |
| Adjustable | |

Functionality

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

Technical Information

| | |
|--|----------|
| Protection Degree | IP20 |
| Protection Class | CLASS II |
| Mains Voltage | 220V |
| max. Wattage | 24W |
| Lumen | 1380 |
| Equivalence With Incandescent Lamp (W) | |
| Colour Temperature | 3000K |
| Nominal Lifetime (in h) | 20000H |
| Switching Cycles | >15000 |
| Colour Rendering Index (Ra, CRI) | 80 |
| Rated Lamp Power (0,1W precision) | 24 |
| Colour Tolerance (LED, SDCM) | 5 |

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] | 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) | 24k |
| Energy efficiency class | F |
| The calculations performed with the parameters, including the determination of the energy 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°) | 1380 |
| 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] | 24 |
| 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 | 0 |
| 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 and non-lighting control parts, if any (millimetre): | D40*5 |
| Spectral power distribution in the range 250 nm to 800 nm, at full-load | |

| | |
|------------------------------------|----------------|
| Claim of equivalent power (c) | |
| If yes, equivalent power (W) | |
| Chromaticity coordinates (x and y) | 0.4369, 0.4059 |

Parameters for directional light sources

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|--|--|
| 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

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|--|--------|
| 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 |
| Flicker metric (Pst Lm) [x,x ₁] | 0,0035 |
| Flicker metric (PstLM) for LED and OLED light sources | 0,0035 |
| Stroboscopic effect metric (SVM) [X,X ₁] | 0,0015 |
| Stroboscopic effect metric (SVM) for LED and OLED light sources | 0,0015 |
| P_{on} in W | 24 |

