NOVA LUCE

Supplier's name or trade mark: NOVA LUCE S.A
Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE
Model identifier: 7770443
Type of light source: LED

Product information Sheet

General Information

Material number	**7770443**
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	**Black**
Adjustable	

Functionality

Switch Type	
Function	
Battery	
USB Charger	

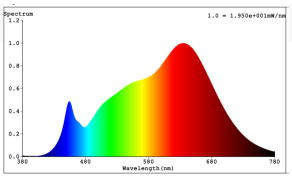
Technical Information

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 luminus 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 distri bution 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 φ1)	0.9
Colour consistency in McAdtam 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 φ1) 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	