

NOVA LUCE

Supplier's name or trade mark: NOVA LUCE S.A
Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE
Model identifier: 7770408
Type of light source: LED



Product information Sheet

General Information

Material number	7770408
Type	Spot
Product segment	TECHNICAL

Dimensions

Diameter (in cm)	6.1 Cm
Width (in cm)	
Height (in cm)	21 Cm
Net Weight	

Material & Colour

Enclosure Material	Aluminium
Colour	Black
Adjustable	

Functionality

Switch Type	
Function	
Battery	
USB Charger	

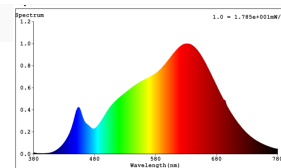
Technical Information

Protection Degree	IP20
Protection Class	
Mains Voltage	220-240V
max. Wattage	12W
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-tunable 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)	12
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°)	900lm
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]	12W
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):	215mm*60mm*60mm
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)	4500cd
Beam angle in degrees, or the range of beam angles that can be send	20°
R9 colour rendering index value	60
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	12W
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	

