

NOVA LUCE

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

Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE

Model identifier: 732001

Type of light source: LED



Product information Sheet

General Information

Material number	732001
Type	Spot light
Product segment	Technical

Dimensions

Diameter (in cm)	5 Cm
Width (in cm)	
Height (in cm)	9,6 Cm
Net Weight	0.24 kg

Material & Colour

Enclosure Material	Aluminum
Colour	White
Adjustable	

Functionality

Switch Type	
Function	
Battery	
USB Charger	

Technical Information

Protection Degree	
Protection Class	CLASS II
Mains Voltage	37V
max. Wattage	28W
Lumen	1450lm
Equivalence With Incandescent Lamp (W)	
Colour Temperature	3000K
Nominal Lifetime (in h)	30000H
Switching Cycles	25000
Colour Rendering Index (Ra, CRI)	90
Rated Lamp Power (0,1W precision)	16W
Colour Tolerance (LED, SDCM)	4,8

Product information

Lighting technology used [LED/OLED/MIXED/OTHER]	LED
Non-directional or directional [NDLS/DLS]	DLS
Mains or non-mains [MLS/NMLS]	NMLS
Connected light source (CLS) [yes/no]	No
Colour-tuneable light source [yes/no]	No
Envelope [no/second/non-clear]	-
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)	16
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°)	1463lm
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 :	3044K
On-mode power (P_{on}), expressed in W [x,x]	16W
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	93,2
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre):	50X100mm
Spectral power distribution in the range 250 nm to 800 nm, at full-load	
Chromaticity coordinates (x and y)	X0.4369,Y0.4095
Peak luminous intensity (cd)	
Beam angle in degrees, or the range of beam angles that can be set	

Parameters for LED and OLED light sources

R9 colour rendering index value	68
Survival factor [x,xx]	1
The lumen maintenance factor [x,xx]	0,97
Displacement factor ($\cos \phi_1$)	0,91
Colour consistency in McAdam ellipses	4,8
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 ($P_{st} Lm$) [x,x]	
Stroboscopic effect metric (SVM) [X,X]	
P_{on} in W	
Displacement factor ($\cos \phi_1$) for LED and OLED mains light sources	
Colour consistency in MacAdam ellipse steps for LED and OLED light sources	
Flicker metric ($P_{st} LM$) for LED and OLED light sources	
Stroboscopic effect metric (SVM) for LED and OLED light sources	
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	

