

NOVA LUCE

Supplier's name or trade mark: NOVA LUCE S.A
Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE
Model identifier: 92002
Type of light source: LED



Product information Sheet

General Information

Material number	92002
Type	Spot
Product segment	TECHNICAL

Dimensions

Diameter (in cm)	9.5Cm
Width (in cm)	-
Height (in cm)	7Cm
Height 2 (in cm)	
Cut Out (in cm)	
Net Weight (in cm)	

Material & Colour

Enclosure Material	Alumunioum
Colour	Sandy & Black
Adjustable	

Functionality

Switch Type	-
Function	-
Battery	No
USB Charger	No

Technical Information

Protection Degree	IP20
Protection Class	I
Mains Voltage	220V
max. Wattage	22.05W
Lumen	1450
Equivalence With Incandescent Lamp (W)	100W
Colour Temperature	3000K
Nominal Lifetime (in h)	30000H
Switching Cycles	-
Colour Rendering Index (Ra, CRI)	Ra= 97.2
Rated Lamp Power (0,1W precision)	20W
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]	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]	Yes
Anti-glare shield [yes/no]	Yes
Dimmable [yes/only with specific dimmers/no]	No

General Product parameters

Energy consumption in on-mode (kWh/1000h)	20k
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°)	(120°):1472.09lm
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 :	3072K
On-mode power (P_{on}), expressed in W [x,x]	20W
Standby power (P_{sb}), expressed in W and rounded to the second decimal	<0.5
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	Ra= 97.2
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre):	15.85*15.85MM
Spectral power distribution in the range 250 nm to 800 nm, at full-load	
Beam Angle in degrees for directional light source	36.8°
Claim of equivalent power (c)	
If yes, equivalent power (W)	
Chromaticity coordinates (x and y)	x=0.4337 y=0.4062

Parameters for directional light sources

Peak luminous intensity (cd)	3851.84 cd
Beam angle in degrees, or the range of beam angles that can be set	36.8°

Parameters for LED and OLED light sources

R9 colour rendering index value	Ra= 97.2
Survival factor [x,xx]	1
The lumen maintenance factor [x,xx]	0,97
Displacement factor ($\cos \phi 1$)	0,904
Colour consistency in McAdam ellipses	5
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]	-
Stroboscopic effect metric (SVM) for LED and OLED light sources/ LED/OLED	0,002
Pon in W	

