

NOVA LUCE

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

Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE

Model identifier: 9082171

Type of light source: LED



Product information Sheet

General Information

Material number	9082171
Type	Spot
Product segment	TECHNICAL

Dimensions

Diameter (in cm)	16Cm
Width (in cm)	8Cm
Height (in cm)	6Cm
Height 2 (in cm)	
Cut Out (in cm)	
Net Weight (in cm)	

Material & Colour

Enclosure Material	Gypsum
Colour	White
Adjustable	

Functionality

Switch Type	-
Function	-
Battery	No
USB Charger	No

Technical Information

Protection Degree	IP20
Protection Class	I
Mains Voltage	220V-240V
max. Wattage	4W
Lumen	416
Equivalence With Incandescent Lamp (W)	-
Colour Temperature	3000K
Nominal Lifetime (in h)	30000H
Switching Cycles	25000
Colour Rendering Index (Ra, CRI)	82
Rated Lamp Power (0,1W precision)	4W
Colour Tolerance (LED, SDCM)	5,3

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)	4k
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°)	397
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 :	3082K
On-mode power (P_{on}), expressed in W [x,x]	4W
Standby power (P_{sb}), expressed in W and rounded to the second decimal	<0.5
Stanby Power (P_{sb}) in W	0,4
Colour rendering index, rounded to the nearest integer , or the range of CRI values that can be set	82,6
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre):	38*38*8mm
Spectral power distri bution 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)	x,04396 y,0.3986
Testing conditions if not described sufficiently in point	25±10°C

Parameters for directional light sources

Peak luminous intensity (cd)	151.96 cd
Beam angle in degrees, or the range of beam angles that can be set	91.1°
Stanby Power (P_{sb}) in W	0,4

Parameters for LED and OLED light sources

R9 colour rendering index value	10
Survival factor [x,xx]	1
The lumen maintenance factor [x,xx]	0,96
Displacement factor (cos ϕ_1) for LED and OLED mains light sources LED/OLED	0,99
Colour consistency in McAdam ellipses	3,2
Colour consistency in McAdam ellipse steps for LED and OLED light sources / LED/OLED	3,2
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 ($P_{st} L_m$) [x,x]	≤ 0.9
Flicker metric ($P_{st} L_M$) for LED and OLED light sources LED	0,13
Stroboscopic effect metric (SVM) [X,X]	≤ 0.3
Stroboscopic effect metric (SVM) for LED and OLED light sources/ LED/OLED	0,085
P_{on} in W	

