

NOVA LUCE

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

Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE

Model identifier: 9070140

Type of light source: LED



Product information Sheet

General Information

Material number	9070140
Type	Surface mounted light
Product segment	Technical

Dimensions

Diameter (in cm)	5.5 Cm
Width (in cm)	
Height (in cm)	11.3 Cm
Net Weight	

Material & Colour

Enclosure Material	Aluminium
Colour	Sandy black
Adjustable	

Functionality

Switch Type	
Function	Lighting
Battery	
USB Charger	

Technical Information

Protection Degree	IP20
Protection Class	CLASS II
Mains Voltage	AC220-240V
max. Wattage	5W
Lumen	
Equivalence With Incandescent Lamp (W)	
Colour Temperature	3000K
Nominal Lifetime (in h)	50000H
Switching Cycles	
Colour Rendering Index (Ra, CRI)	CRI≥ 90
Rated Lamp Power (0,1W precision)	5W
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]	Yes
Colour-tuneable light source [yes/no]	Yes
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]	Yes

General Product parameters

Energy consumption in on-mode (kWh/1000h)	6
Energy efficiency class	F
The calculations performed with the parameters, including the determination of the energy class	
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°)	
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]	
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	
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre):	
Spectral power distribution 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)

Parameters for directional light sources

Peak luminous intensity (cd)	
Beam angle in degrees, or the range of beam angles that can be set	35°
Beam Angle in degrees for directional light source	35°

Parameters for LED and OLED light sources

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

