

NOVA LUCE

Supplier's name or trade mark: NOVA LUCE S.A
Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE
Model identifier: 9010120
Type of light source: LED



Product information Sheet

General Information

Material number	9010120
Type	Magnetic
Product segment	INDOOR

Dimensions

Length (in cm)	19.5 Cm
Width (in cm)	1.1 Cm
Height (in cm)	8 Cm
Net Weight	

Material & Colour

Enclosure Material	Aluminium
Colour	Sandy Black

Functionality

Switch Type	No
Function	Lighting
Battery	No
USB Charger	No

Technical Information

Protection Degree	IP20
Protection Class	II
Mains Voltage	DC48V
max. Wattage	12W
Lumen	
Equivalence With Incandescent Lamp (W)	100-140W
Colour Temperature	3000K
Nominal Lifetime (in h)	100000 hrs
Switching Cycles	-
Colour Rendering Index (Ra, CRI)	CRI≥ 90
Rated Lamp Power (0,1W precision)	12W
Colour Tolerance (LED, SDCM)	≤6SDCM

Product information

Lighting technology used [LED/OLED/MIXED/OTHER]	LED
Non-directional or directional [NDLS/DLS]	NDLS
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]	No

General Product parameters

Energy consumption in on-mode (kWh/1000h)	11k
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°)	29 lm/W
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	
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	CRI \geq 90
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	yes
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	30°

Parameters for LED and OLED light sources

R9 colour rendering index value	
Survival factor [x,xx]	
The lumen maintenance factor [x,xx]	70% 30000 hrs
Displacement factor ($\cos \phi_1$)	
Colour consistency in McAdam ellipses	
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) [X,X]	
Pon in W	-
Beam Angle in degrees for directional light source	30°
Luminance -HLLS in cd/mm (only for HLLS)	29 lm/W

