

NOVA LUCE

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

Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE

Model identifier: 9085231

Type of light source: LED



Product information Sheet

General Information

Material number	9085231
Type	Ceiling
Product segment	Indoor

Dimensions

Diameter (in cm)	45 Cm
Width (in cm)	
Height (in cm)	5 Cm
Net Weight	

Material & Colour

Enclosure Material	Aluminium & Acrylic
Colour	Sandy Black
Adjustable	

Functionality

Switch Type	
Function	Triac Dimmable
Battery	
USB Charger	

Technical Information

Protection Degree	IP20
Protection Class	CLASS II
Mains Voltage	220-240 V
max. Wattage	30 W
Lumen	2400Lm
Equivalence With Incandescent Lamp (W)	
Colour Temperature	3000K
Nominal Lifetime (in h)	20000
Switching Cycles	>15000
Colour Rendering Index (Ra, CRI)	80
Rated Lamp Power (0,1W precision)	30
Colour Tolerance (LED, SDCM)	LED

Product information

Lighting technology used [LED/OLED/MIXED/OTHER]	LED
Non-directional or directional [NDLS/DLS]	NDLS
Mains or non-mains [MLS/NMLS]	Mains
Connected light source (CLS) [yes/no]	Yes
Colour-tuneable light source [yes/no]	No
Envelope [no/second/non-clear]	No
High luminance light source [yes/no]	No
Anti-glare shield [yes/no]	Yes
Dimmable [yes/only with specific dimmers/no]	Yes

General Product parameters

Energy consumption in on-mode (kWh/1000h)	30
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°)	2400
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 :	3000
On-mode power (P_{on}), expressed in W [x,x]	30
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	80
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre):	D45*H5cm
Spectral power distribution in the range 250 nm to 800 nm, at full-load	
Claim of equivalent power (c)	No
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
Beam Angle in degrees for directional light source

Parameters for LED and OLED light sources

R9 colour rendering index value	1
Survival factor [x,xx]	1
The lumen maintenance factor [x,xx]	95%
Displacement factor ($\cos \phi_1$)	0.95
Displacement factor ($\cos \phi_1$) for LED and OLED mains light sources	0.95
Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular Wattage	No
Colour consistency in MacAdam ellipse steps for LED and OLED light sources	5
Flicker metric ($P_{\text{st Lm}}$) [x,x]	0.0035
Flicker metric ($P_{\text{st LM}}$) for LED and OLED light sources	0.0035
Stroboscopic effect metric (SVM) [X,X]	0.0015
Stroboscopic effect metric (SVM) for LED and OLED light sources	
P_{on} in W	30
The calculations performed with the parameters, including the determination of the energy class	F

