NOVA LUCE

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

Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE

Model identifier: 9081240 Type of light source: LED



Product information Sheet

General Information

Material number	9081240
Туре	Ceiling
Product segment	Indoor

Dimensions

Lenght (in cm)	48 Cm
Width (in cm)	48 Cm
Height (in cm)	6 Cm
Net Weight	

Material & Colour

Enclosure Material	Aluminium & Acrylic
Colour	Sandy Black
Adjustable	

Functionality

Switch Type	On/Off
Function	
Battery	
USB Charger	

Technical Information

Protection Degree	IP20
Protection Class	CLASS II
Mains Voltage	230V
max. Wattage	30 W
Lumen	1800Lm
Equivalence With Incandescent Lamp (W)	
Colour Temperature	3000K
Nominal Lifetime (in h)	20000

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] Non-directional or directional [NDLS/DLS] Non-directional or directional [NDLS/DLS] Mains or non-mains [MLS/MMLS] Connected light source (CLS) [yes/no] Colour-tuneable light source [yes/no] No Envelope [no/second/non-clear] No High luminance light source [yes/no] Anti-glare shield [yes/no] Non High		
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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] No 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 luminus flux (Φuse), 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 100 K, or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set: 3000 On-mode power (Pon.), expressed in W [x,x] 30 Standby power (Pon.), expressed in W and rounded to the second decimal Networked standby power (Pon.) 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): Spectral power distri bution in the range 250 nm to 800 nm, at full-load Claim of equivalent power (W) Claim of 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 sources	Mains or non-mains [MLS/NMLS]	Mains
Envelope [no/second/non-clear] No High luminance light source [yes/no] Yes Dimmable [yes/no] Yes Dimmable [yes/no] No 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 1800 Useful luminus flux (Φuse), indicating if it refers to the flux in a sphere (360'), in a wide cone (120') or in a narrow cone (90') Useful 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 (Pon), expressed in W [x,x] Standby power (Pon), expressed in W and rounded to the second decimal Networked standby power (Pone) 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): Spectral power distribution in the range 250 nm to 800 nm, at full-load Claim of 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	Connected light source (CLS) [yes/no]	Yes
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or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set: On-mode power (Pon), expressed in W [x,x] Standby power (Psh), expressed in W and rounded to the second decimal Networked standby power (Pnet) 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): 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) 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	Useful luminus flux (Φuse), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1000
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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 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) 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	Standby power (Psb), expressed in W and rounded to the second decimal	
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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 Beam Angle in degrees for directional light source	· · · · · · · · · · · · · · · · · · ·	D50*6cm
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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	Claim of equivalent power (c)	No
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Beam angle in degrees, or the range of beam angles that can be set Beam Angle in degrees for directional light source	Parameters for directional light sources	
Beam Angle in degrees for directional light sourrce	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	Parameters for LED and OLED light sources	

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 φ1)	0.95
Displacement factor (cos φ1) 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 (Pst Lm) [x,x]	0.0035
Flicker metric (PstLM) 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	
Pon in W	30
The calculations performed with the parameters, including the determination of the energy class	F

