

NOVA LUCE

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

Supplier's address: SCHIMATARI VIOTIAS 32009, GREECE

Model identifier: 8016905

Type of light source: LED



Product information Sheet

General Information

Material number	8016905
Type	DOWNLIGHT RECESSED SPOT
Product segment	TECHNICAL LIGHTING

Dimensions

Diameter (in cm)	6.3 Cm
Width (in cm)	- Cm
Height (in cm)	3.8 Cm
Net Weight	358 g

Material & Colour

Enclosure Material	Aluminium
Colour	Black
Trimless	Yes

Functionality

Switch Type	-
Function	CONNECT IT WITH DRIVER code: 9020170
Battery	No

Technical Information

Protection Degree	IP44
Protection Class	
Mains Voltage	20V
max. Wattage	10W
Lumen	810lm
Equivalence With Incandescent Lamp (W)	-
Colour Temperature	3000K
Nominal Lifetime (in h)	40000hrs
Switching Cycles	-
Colour Rendering Index (Ra, CRI)	CRI : >90
UGR	
Rated Lamp Power (0,1W precision)	-
Colour Tolerance (LED, SDCM)	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]	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]	No

General Product parameters

Energy consumption in on-mode (kWh/1000h)	10
Energy efficiency class	G
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°)	701
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 +-100k
On-mode power (P_{on}), expressed in W [x,x]	10W
Standby power (P_{sb}), expressed in W and rounded to the second decimal	<0.5
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	Ra>90
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any Height/Width/ Depth:	-
Spectral power distribution in the range 250 nm to 800 nm, at full-load	-
Claim of equivalent power (c)	not applicable
If yes, equivalent power (W)	-
Chromaticity coordinates (x and y)	0.4557,0.4084

Parameters for directional light sources

Peak luminous intensity (cd)	1675
Beam angle in degrees, or the range of beam angles that can be set	36,5

Parameters for LED and OLED light sources

R9 colour rendering index value	50
Survival factor [x,xx]	-
The lumen maintenance factor [x,xx]	-
Colour consistency in MacAdam ellipse steps for LED and OLED light sources	3
Colour consistency in McAdam ellipses	3
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 ($P_{st} Lm$) [x,x]	-
P_{on} in W	10
Beam Angle in degrees for directional light source	36,5
Standby Power (P_{sb}) in W	<0.5W
Displacement factor ($\cos \phi_1$) for LED and OLED mains light sources	-
Flicker metric (P_{stLM}) for LED and OLED light sources	-

