TECHNICAL DATA

145345NW

AR111 LAMP 14W GX53 4000K 45°

PRODUCT SPECIFICATIONS

Item code:	145345NW
Description:	LED AR111 lamp
Lamp type:	AR111
Socket:	GX53
EAN13 code:	8436568442648

ELECTRICAL DATA

Power:	14w
Voltage:	12vac
Frequency:	50Hz
Power factor:	0,7
Dimmable:	NOT

LUMINOUS DATA

Color temperature:	4000K
Luminous efficiency:	73 lm/w
Lumens:	1022lm
LED chip brand:	Lumileds
LED chip model:	SMD2835
Beam angle:	45°
Color rendering index:	>80
Standard desviation of colour matching:	<4
Luminous maintenance factor:	L96B10
Flicker index:	≤1,0
SVM (Stroboscopic Visibility Measure):	≤0,4

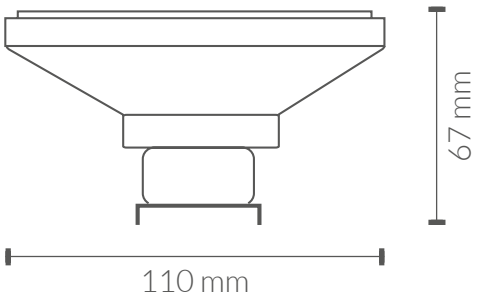
AVERAGE LIFESPAN

Working hours:	40000 hrs
Switch cycles:	30000 ON/OFF

PHYSICAL DATA

Material:	**Polycarbonate**
Finish:	**Gray**

DIMENSIONS



ENERGY EFFICIENCY 2023(UE-2019/2015) F

CERTIFICATIONS

CE & ROHS

EMC directive 2014/30/EU ELECTROMAGNETIC COMPATIBILIT

EN IEC 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.
EN 61547	Equipment for general lighting purposes - EMC immunity requirements.
EN IEC 61000-3-2	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current =16 A per phase).
EN 61000-3-3	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current <= 16 A per phase and not subject to conditional connection.

LVD directive 2014/35/EU LOW VOLTAGE

EN 62560	Self-ballasted LED-lamps for general lighting services by voltage > 50 V - Safety specifications.
EN 62493	Assessment of lighting equipment related to human exposure to electromagnetic Field.
EN 62471	Photobiological safety of lamps and lamp systems

RoHS Directive 2011/65/EU and Delegated Directive (EU) 2015/863
Determination of Certain Substances in Electrotechnical Products.

IEC 62321-2	**IEC 62321-3-1**
IEC 62321-4	**IEC 62321-5**
IEC 62321-6	**IEC 62321-7-1**
IEC 62321-7-2	**IEC 62321-8**

CE RoHS