

■ INTRODUCTION SmartHome Zigbee YourLED dimming and switching controller

With the NIV-CCT LED dimming and switching controller from the Smart Home Zigbee series, your LED strips can be switched and dimmed. The controller is Zigbee 3.0-compatible. Zigbee is a radio transmission protocol which links up the devices of different manufacturers.

- Free Home APP for iOS and Android
- range up to 25m outdoors
- Simple plug-in system for easy installation
- 2-year warranty

■ APPLICATIONS

Specific individual components can be addressed, or switched in groups as lighting scenarios objects such as:

- alarm system
- LED strips

SPECIFICATION

Electrical characteristics

Characteristic	Symbol	Unit	Rated value	External range	Note
Work Voltage	U	VDC	24	12-24	
Output Current	I	A	3	≤3.1	
Output Current	I	A	3	≤3.1	
Output Power	P	W	70	max: 72	
Standby Current	I	mA	17	≤20	
Control Board Voltage	U		3.3	3.0-3.6	
Control Board Current	I	mA	17	≤20	
Dimming possible			YES	YES	
Energy label					
Ambient temperature range	T	°C	25	-20~+40	(on free Air)
Note					
Measurement voltage	24 VDC				
Indoor use only					

Mechanical parameters

Characteristic	Symbol	Unit	Rated value	External range	Standard
Dimensions (length)		mm	80	79≤80≤81	IEC 60630
Dimensions (width)		mm	45	44≤45≤46	
Dimensions (height)		mm	20	19≤20≤21	
Dimensions (diameter)		mm	/		IEC 60630
Weight		g	37	35≤37≤39	
Lamp torque		Nm			EN 62560
40°C Max. Temperature, lamp surface(T _{ambient} = 40°C)		°C			


Lifetime and light behaviour

Characteristic	Symbol	Unit	Rated value	External range	Standard
Lifetime	t _{ML} Lamp	h	15000	15000	L70 / B50 (also IEC 60969)
Warm up time [steady state]	t _{ss}	s	instant full light	/	EC 244

Standards	
Standards and regulations	IEC 55015 (Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment)
	IEC 60968 IEC 62031 / IEC 62471 / IEC 62560 (Self-ballasted lamps for general lighting services - Safety requirements)
	IEC 61547 (Equipment for general lighting purposes - EMC immunity requirements)
	IEC PAS 62612: 2009 (Self-ballasted LED-lamps for general lighting services > 50 V - Performance requirements) Commission Regulation No 244/2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps

Declarations	
CE/RoHS	

ENVIRONMENTAL CAUTION



Caution! It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.