

## LED Angular Connector 9W - POLARIS - Linear Interconnection - 3CCT - 90°



### Product code:

Reference: LN9W-3CCT-92089

### Technical specifications:

REFERENCE: LN9W-3CCT-92089  
Rated Power : 9W  
Nominal Voltage: 220-240v  
CRI - Chromatic Rendiment Index: 80  
Construction Material: Aluminium+PC  
Luminosity-Lm: 900  
Number & Type of LEDs: SMD 2835  
Beam Angle (°): 110°  
Luminous diode LED (Lm/W): 140 Lm/W  
Luminous Efficiency (Lm/W): 100 Lm/W  
Certifications: CE - ROHS  
IP : IP20  
Diode Life Expectancy (H): 50.000  
Dimensions (mm): 157x57x76mm  
Power Factor (PF): 0.9  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -20°C ~ +55°C  
On/Off Cycles: 100.000  
Starting Time (s): 0,2s  
Driver included: Driver Lifud - NO FLICK  
Energy Rating (2021-UE-2019/2015): A+  
Energy Rating (2023 - UE-2019/2015): E  
Warranty Years: 3  
Units per masterbox: 1

### Product short description:

**LED Angular Connector 90° - L, 9W**, specifically designed for use with **POLARIS LED** Linear Pendant Lamps. This connector, with its 90° angular design, seamlessly connects two fixtures, transforming any space with exclusive and customizable lighting. Its installation is quick and easy, including all necessary accessories for a hassle-free setup. Additionally, its innovative design allows light to pass through the ends, creating a continuous visual effect that adds a touch of elegance and sophistication to your spaces. Make every corner shine with style!

### Product description:

LED Angular Connector 9W - POLARIS - Linear Interconnection - 3CCT - 90°

Link your POLARIS luminaires with the LED 90° Angle Connector - L 9W, the perfect solution for those looking to combine functionality and aesthetics in their lighting projects. This connector is specifically designed for use with LED Linear Hanging Lamps - POLARIS, allowing for seamless integration between luminaires to create sophisticated and personalized environments.

- **Innovation in Design and Functionality:** The LED 90° Angle Connector - L stands out for its 90° angled design, which facilitates continuous connection between two luminaires, achieving a homogeneous light flow without interruptions. This feature not only maximizes lighting efficiency but also offers greater flexibility in the arrangement of the luminaires, adapting to the specific needs of each space.
- **Quick and Easy Installation:** This connector comes equipped with all necessary accessories for a quick and hassle-free installation. It offers both surface and hanging mounting options. No more worrying about acquiring additional parts; the LED 90° Angle Connector - L includes everything you need for efficient installation, saving you time and effort.
- **Continuous Visual Effect:** Thanks to its innovative design, the ends of the connector allow light to pass through, creating a continuous visual effect that adds a touch of elegance to any environment. This uninterrupted light flow is ideal for those seeking an impeccable aesthetic finish, where light not only illuminates but also becomes a decorative element that enhances the space.

#### Main Features:

Exact 90° angle to form precise corners.

#### Available in two electrical versions:

- **Version A:** both ends are conductive (transmit energy).
- **Version B:** one conductive end and one non-conductive end (blocks energy flow).

Robust construction and easy installation.

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

# Technical Datasheet

Compatible with modular linear LED lighting systems.

## How it works?

This connector allows linking multiple LED light segments in various configurations. Its modular design enables geometric layouts while maintaining the system's electrical safety.

## Very important:

To avoid overload or failures, **only one fixture in the set should be connected to the power source**. The others are powered via the connectors, so choosing between version A or B is crucial depending on the layout.

## Configuration applications:

### Square shape (□):

Use 3 connectors type A and 1 type B.

Only one lamp needs to be powered.

### “U” shape (⌏):

- Using A + A: only one lamp is powered.
- Using A + B: two lamps must be connected to power.

### “L” shape:

- With connector A: only one lamp should be connected.
- With connector B: two lamps must be connected directly.

## Versatile Applications

The LED 90° Angle Connector - L 9W is ideal for a wide range of applications, from offices and commercial spaces to modern residential environments. Its ability to create customized configurations makes it perfect for projects that require adaptable and visually impactful lighting.

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## Additional images:

