



# iDesigno

## Extendia Neon Flex - 9.6W

TECHNICAL DATA SHEET

An IP67 long-run LED Neon Flex designed for continuous installations for up to 50m. Ideal for large-scale projects requiring extended lengths, it provides uniform, high-quality illumination with the durability needed for demanding indoor and outdoor applications.

#### Areas for Application

- Retail Stores
- Offices
- Showrooms
- Reception Areas
- Commercial Areas

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iDesigno is a brand by Ledtec



**LEDTEC**

## TECHNICAL SPECIFICATIONS

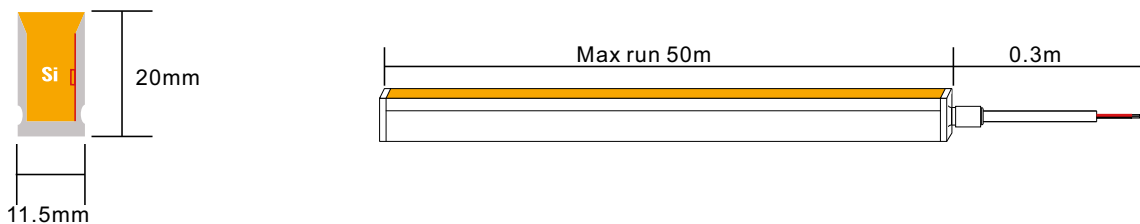
Product	
Model	<i>Extensia 9.6W SI1220</i> <i>Series Neon Flex Curve</i>
Luminaire Information	
Rated Power per Metre	<i>9.6W</i>
Mounting	<i>Fixed Profile</i>
	<i>Bendable Profile</i> <i>Mounting Clips</i>
Max Length	<i>30m (24V)</i>
	<i>50m (48V)</i>
Electrical Information	
Input Voltage	<i>24VDC or 48VDC</i>
Driver Options	<i>Non-Dimmable</i>
	<i>Dimmable</i>
	<i>DALI Dimmable</i>
Accessories	
Fixed Aluminium Profile	
Bendable Aluminium Profile	
Mounting Clips	
Reconnection Kit for Neon Flex	
Warranty	
Warranty	<i>5 Years</i>

Construction & Protection	
Ingress Protection Rating	<i>IP67</i>
Material Composition	<i>Premium Silicone</i>
Operating Temperature	<i>-25°C ~ +50°C</i>
Storage Temperature	<i>-25°C ~ +60°C</i>

Physical Characteristics	
Minimum Length	<i>50mm (24V)</i>
	<i>100mm (48V)</i>
Dimensions	<i>11.5 x 20mm</i>
Bend Direction	<i>Horizontal (Side Bending)</i>
Bend Radius	<i>150mm</i>
Cable Entry Options	<i>Front, Side, Bottom</i>

Optical Characteristics	
Correlated Colour Temperature	<i>2700K - 6500K</i>
Colour Rendering Index	<i>90Ra</i>
LED Type	<i>2835 LED</i>
Chips per metre	<i>120 LEDs per metre</i>
Luminous Efficacy per metre	<i>34lmW (3000K)</i>
Luminous Flux	<i>3000K: 329lm/m</i>
Lifetime	<i>54,000 hours</i>

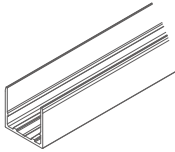
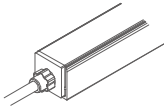
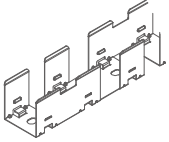
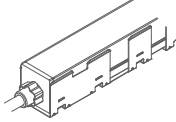

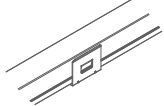
## DIMENSIONS





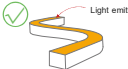



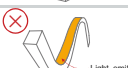
## ORDERING CODE

Family	Wattage	Colour Temperature	IP Rating	Light Direction
ID-SI1220	9.6W	27K - 2700K 30K - 3000K 40K - 4000K 50K - 5000K 65K - 6500K	67	C - Curve

## PROFILES AND MOUNTING OPTIONS

FIXED ALUMINUM PROFILE	
	<b>EXAMPLES OF INSTALLATION</b> 
BENDABLE STAINLESS STEEL PROFILE	
	<b>EXAMPLES OF INSTALLATION</b> 
MOUNTING CLIPS	
	<b>EXAMPLES OF INSTALLATION</b> 

## BENDING INSTRUCTION

Bend in curve form - horizontal				<b>DO NOT TWIST</b> 
Do not bend in wave form - vertical				

## WIRING DIAGRAM

Input by one end

