



iDesigno

Extendia Neon Flex - 5W - RGB

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

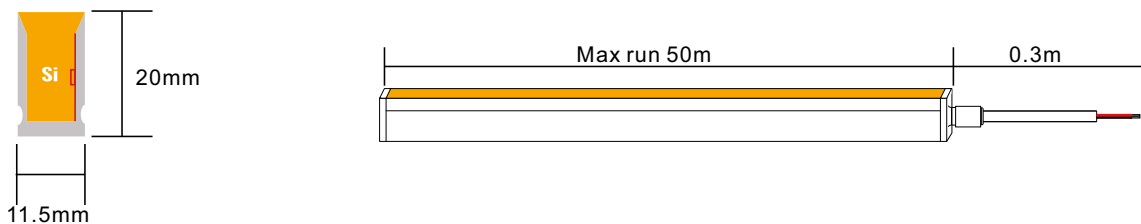
Product	
Model	<i>Extensia 5W SI1220</i> <i>Series Neon Flex Curve</i> <i>RGB</i>
Luminaire Information	
Rated Power per Metre	5W
Mounting	<i>Fixed Profile</i> <i>Bendable Profile</i> <i>Mounting Clips</i>
Max Length	20m
Electrical Information	
Input Voltage	24VDC
Driver Options	<i>PWM</i> <i>DALI</i>
Accessories	
Fixed Aluminium Profile	
Bendable Aluminium Profile	
Mounting Clips	
Reconnection Kit for Neon Flex	
Warranty	
Warranty	5 Years

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

Physical Characteristics	
Minimum Length	62.5mm
Dimensions	11.5 x 20mm
Bend Direction	<i>Horizontal (Side Bending)</i>
Bend Radius	150mm
Cable Entry Options	<i>Front, Side, Bottom</i>

Optical Characteristics	
Correlated Colour Temperature	RGB
Colour Rendering Index	90Ra
LED Type	4040 LED
Chips per metre	96 LEDs per metre
Luminous Efficacy per metre	15lm/W
Luminous Flux	75lm/m
Lifetime	54,000 hours

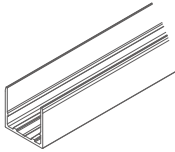
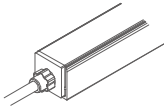
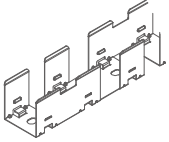
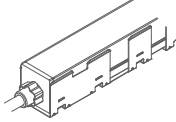

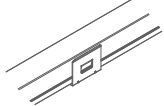
DIMENSIONS





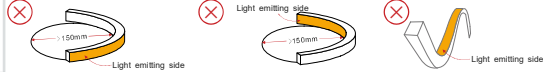
ORDERING CODE

Family	Wattage	Colour Temperature	IP Rating	Light Direction
ID-SI1220	5W	RGB	67	C - Curve

PROFILES AND MOUNTING OPTIONS

FIXED ALUMINUM PROFILE	
	EXAMPLES OF INSTALLATION 
BENDABLE STAINLESS STEEL PROFILE	
	EXAMPLES OF INSTALLATION 
MOUNTING CLIPS	
	EXAMPLES OF INSTALLATION 

BENDING INSTRUCTION

Bend in curve form - horizontal		DO NOT TWIST 
Do not bend in wave form - vertical		

WIRING DIAGRAM

