



iDesigno

Extendia Neon Flex - 14.4W

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

8/94 Forsyth Street

O'Connor WA 6163

08 6371 1780

sales@ledtec.com.au

www.iDesigno.com.au

iDesigno is a brand by Ledtec



LEDTEC

TECHNICAL SPECIFICATIONS

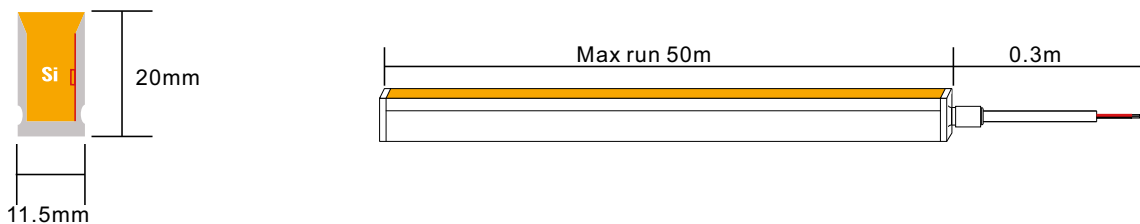
Product	
Model	<i>Extensia 14.4W SI1220</i> <i>Series Neon Flex Curve</i>
Luminaire Information	
Rated Power per Metre	14.4W
Mounting	<i>Fixed Profile</i> <i>Bendable Profile</i> <i>Mounting Clips</i>
Max Length	20m (24V) 35m (48V)
Electrical Information	
Input Voltage	24VDC or 48VDC
Driver Options	<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	5 Years

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

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

Optical Characteristics	
Correlated Colour Temperature	2700K - 6500K
Colour Rendering Index	90Ra
LED Type	2835 LED
Chips per metre	120 LEDs per metre
Luminous Efficacy per metre	34lmW (3000K)
Luminous Flux	3000K: 480lm/m
Lifetime	54,000 hours

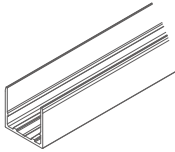
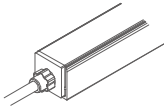
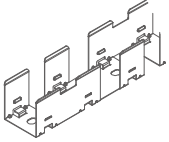
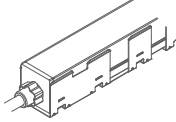

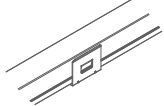
DIMENSIONS





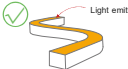



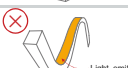
ORDERING CODE

Family	Wattage	Colour Temperature	IP Rating	Light Direction
ID-SI1220	14.4W	27K - 2700K 30K - 3000K 40K - 4000K 50K - 5000K 65K - 6500K	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

Input by one end

