

4480-3000x NANOFLUX LEDBAR KIT

PRODUCT SUMMARY

The Nanoflux LEDBar Kit enables complete on-site customisation, allowing users to order individual LEDBar components and cut and assemble them to suit any installation. It is ideal for bespoke shelving and cabinetry where precise fitting is essential.

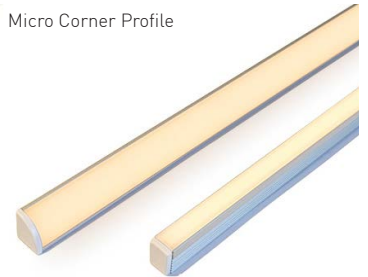
The LED tape can be installed within the aluminium LEDBar profile for a clean, integrated finish, or applied directly to surfaces in tighter spaces. Solderless connectors allow for quick, secure connections on site, making installation fast, flexible and hassle-free.

PRODUCT DETAILS

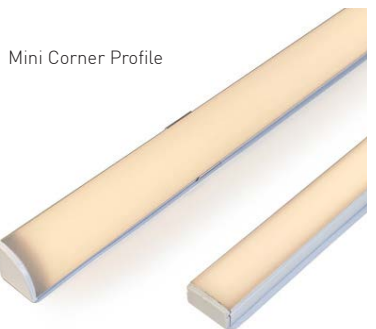
- Colour Rendering Index (CRI): 90+
- Linear interior LEDBar with High Colour Rendering LED: up to 1600lm/m
- 5 Year guarantee
- LED Lifetime: 50,000Hrs (70% lumen maintenance)
- LEDs/m Available (Pitch [mm]): 320 (3.1)
- Bin/Step: 3 Step MacAdam ellipse
- Luminous Efficacy: Up to 110 lm/W
- Supply Voltage: 24V
- Driver: Remote constant voltage LED drivers available to suit LEDs.
- Dimming options: DALI, DMX, Analogue (0-10V) or Phase (Leading or Trailing)
- Rigid Aluminium heatsink in custom lengths - 0mm - 2000mm. Silver Anodised finish.
- Supplied Cable Length: 500mm



Micro Corner Profile



Micro Surface Profile



Mini Corner Profile

Mini Surface Profile

LED COB Tape



LED TAPE SOLDERLESS CONNECTOR

MULTI CONNECTOR (10mm Tape Only)

This connector enables 10mm LED tape to be connected to wires or additional tape only using a pair of pliers. Tape-to-tape connections can be configured inline or in "L", "T", and "X" formations, providing flexible installation options for a wide range of layouts.

Part Number:

Multi Connector = 4480-12926

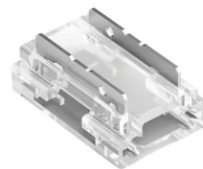
CABLE CONNECTOR

Allows end user to connect wires onto 5mm or 10mm tape only by using a pair of pliers. 150mm Wire Standard.

Part Numbers:

5mm Tape Cable Connector = 4480-14927

10mm Tape Cable Connector = 4480-12927



Light Projects specifications are liable to be changed without notice.

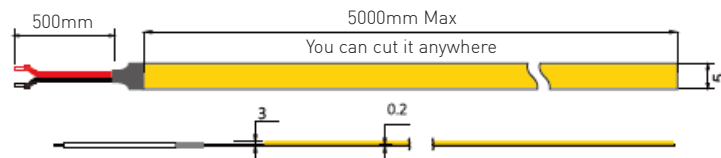
4480-3000x NANOFLUX LEDBAR KIT

COMPONENTS

LED TAPE

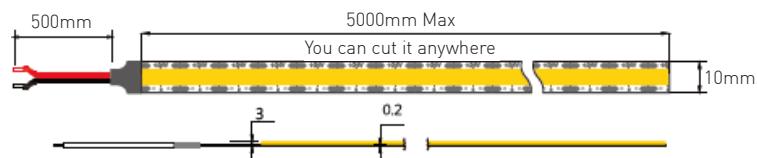
4480-30001-9XX-YYYY

Nanoflux Tape 5mm 10W/m LED



4480-30002-9XX-YYYY

Nanoflux Tape 10mm 15W/m LED



XX = LED Colour

27 = 2700K

30 = 3000K

40 = 4000K

YYYY = Length in mm

eg. 973mm = 0973

ALUMINIUM PROFILE - 2000mm MAX LENGTH



4480-15900-YYYY

Micro Corner Profile



4480-14900-YYYY

Micro Surface Profile



4480-17900-YYYY

Mini Corner Profile



4480-12900-YYYY

Mini Surface Profile

PROFILE COVERS - 2000MM MAX LENGTH



4480-15903-YYYY

Micro Opal Corner Cover



4480-14903-YYYY

Micro Opal Surface Cover



4480-17903-YYYY

Mini Opal Corner Cover



4480-12203-YYYY

Mini Opal Surface Cover

END CAPS



4480-15904

Micro Corner Plain End Cap

4480-15905

Micro Corner Cable End Cap



4480-14904

Micro Surface Plain End Cap

4480-14905

Micro Surface Cable End Cap



4480-17904

Mini Corner Plain End Cap

4480-17905

Mini Corner Cable End Cap



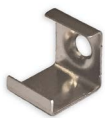
4480-12904

Mini Surface Plain End Cap

4480-12905

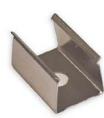
Mini Surface Cable End Cap

MOUNT CLIPS



4480-15906

Micro Corner Mount Clip



4480-14906

Micro Surface Mount Clip



4480-17906

Mini Corner Mount Clip



4480-12906

Mini Surface Mount Clip

MISCELLANEOUS

2 Core red and black wire (Length in mm)

Micro Adhesive Magnetic Tape (Length in mm)

Mini Adhesive Magnetic Tape (Length in mm)

4480-00008-XXXX

4480-14916-XXXX

4480-12916-XXXX

Light Projects specifications are liable to be changed without notice.

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EXAMPLE LED TAPE SPECIFICATION

4480-30001-930-1000-D1

NANOFLUX LED TAPE IP20, 5mm COB 10W/m Cut Anywhere LED Tape, CRI 90+ Warm White 3000K at 1000mm, Double Ended Wiring 1m Long

PRODUCT CODE EXAMPLE : 4480 - 3000 **1** - **930** - **1000** - **D 1**

Strip Power (W/m)	LED Module length (mm)	Tape Width (mm)	LEDs / m	LED PITCH (mm)	CODE
10	Cut Anywhere	5	320	3.1	1
15	Cut Anywhere	10	320	3.1	2*

* Only Suitable for Mini Channels

COLOUR MIX	CCT (K)	CRI	Source Lumen Output / Strip Power (lm/m)		CODE
			10	15	
Incandescent White	2700	90+	1000	1500	927
Warm White	3000		1050	1550	930
Cool White	4000		1100	1600	940

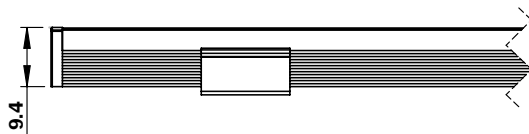
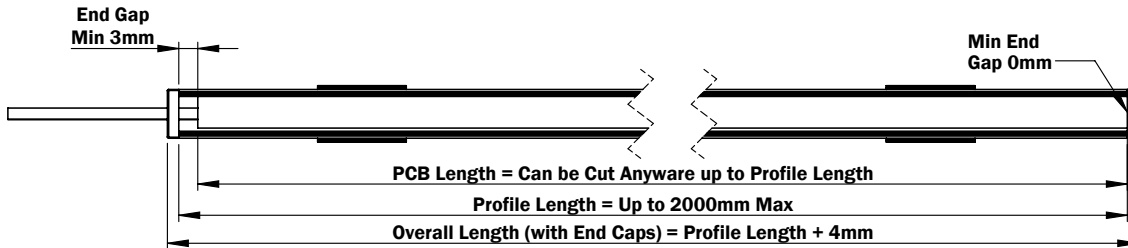
LEDTAPE LENGTH	
Minimum (mm)	30
Maximum (mm)	5000
CODE (Example with 8.3mm LED Pitch, 5 Modules + End Gaps)	1000

WIRING	Single	Double
CODE	S	D

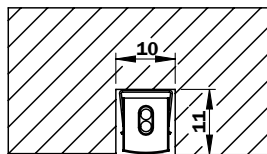
WIRING LENGTH	Length
CODE	Length in meters

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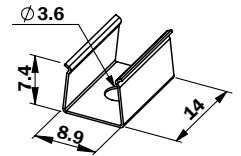
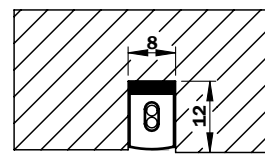
MICRO SURFACE PROFILE DIMENSIONS - CHANNEL CODE 4



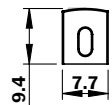
SLOT DIMENSIONS - MOUNT CLIP



SLOT DIMENSIONS - MAGNETIC STRIP

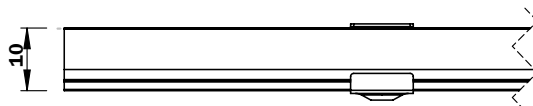
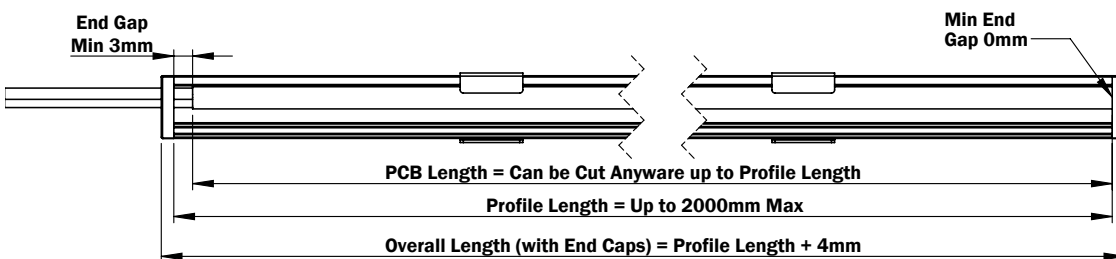


4480-14906
LEDBar Micro Surface
Mount Bracket
(Supplied with bars,
spares available to order).

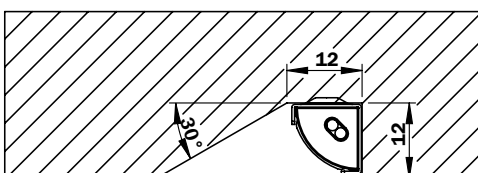


4480-14916-XXXX
LEDBar Micro Surface/
Corner Neodymium
Magnetic Tape with 3m
Adhesive
XXXX= Length in mm

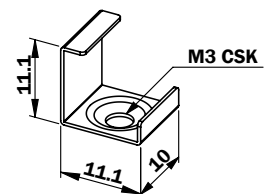
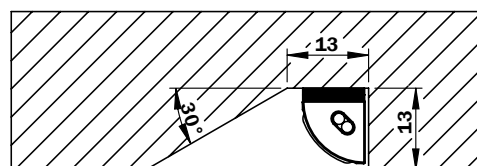
MICRO CORNER PROFILE DIMENSIONS - CHANNEL CODE 5



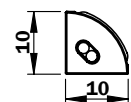
SLOT DIMENSIONS - MOUNT CLIP



SLOT DIMENSIONS - MAGNETIC STRIP



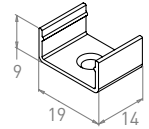
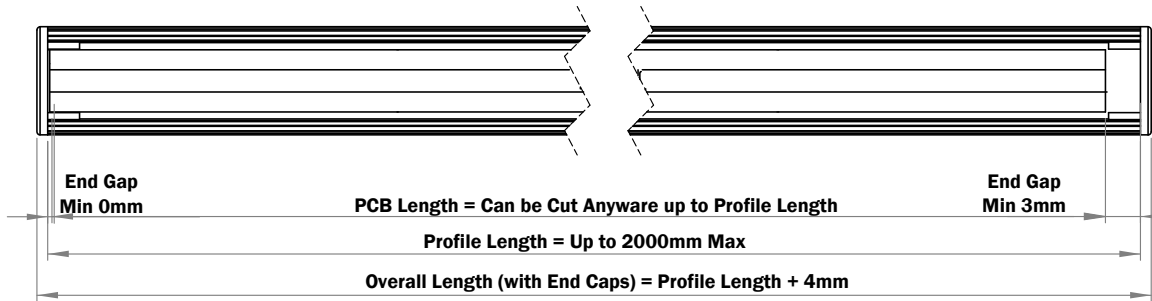
4480-15906
LEDBar Micro Corner
Surface Mount Bracket
(Supplied with bars,
spares available to order).



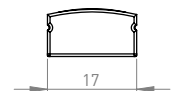
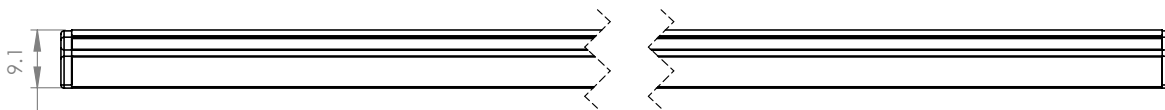
4480-14916-XXXX
LEDBar Micro Surface/
Corner Neodymium
Magnetic Tape with 3m
Adhesive
XXXX= Length in mm

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MINI SURFACE PROFILE DIMENSIONS - CHANNEL CODE 6

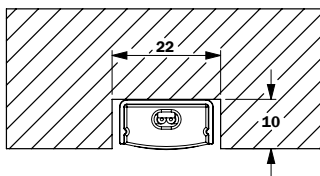


4480-12906
LEDBar Mini Surface Mount Bracket
(Supplied with bars, spares available to order).

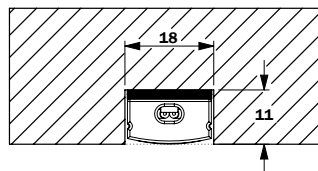


4480-12916-XXXX
LEDBar Mini Surface/Corner Neodymium Magnetic Tape with 3m Adhesive
XXXX= Length in mm

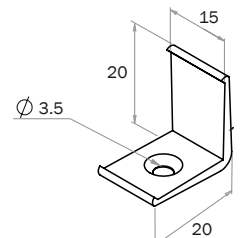
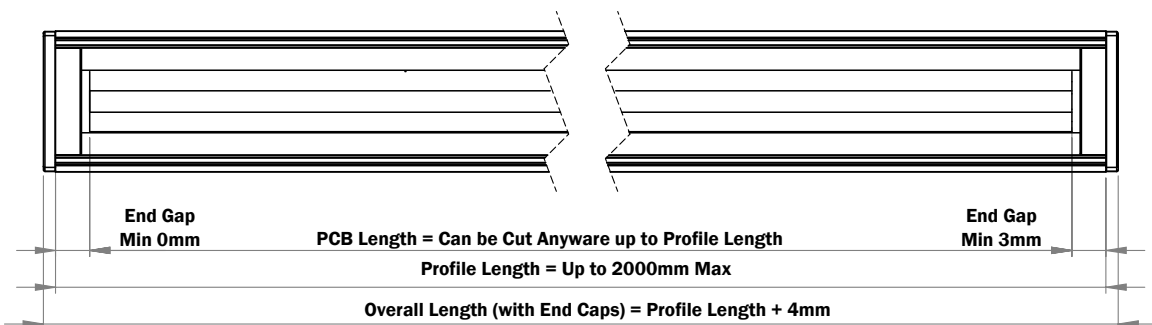
SLOT DIMENSIONS - MOUNT CLIP



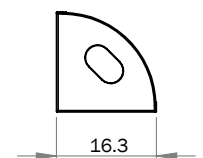
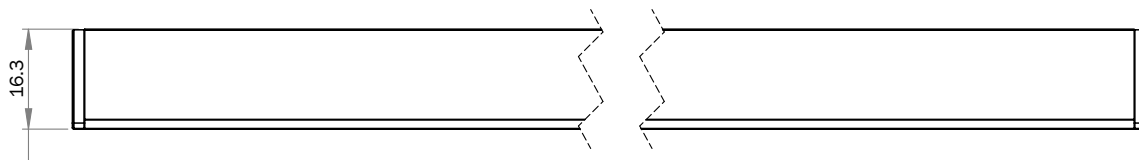
SLOT DIMENSIONS - MAGNETIC STRIP



MINI CORENER PROFILE DIMENSIONS - CHANNEL CODE 8

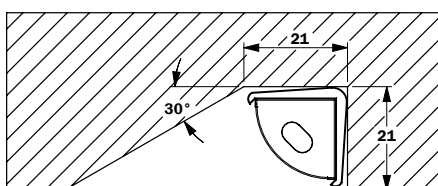


4480-27906
LEDBar Mini Corner Mount Bracket
(Supplied with bars, spares available to order).

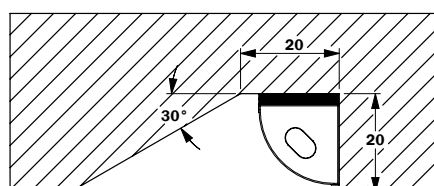


4480-12916-XXXX
LEDBar Mini Surface/Corner Neodymium Magnetic Tape with 3m Adhesive
XXXX= Length in mm

SLOT DIMENSIONS - MOUNT CLIP



SLOT DIMENSIONS - MAGNETIC STRIP



4480-3000x NANOFLUX LEDBAR KIT

SPECIFYING LENGTHS

NANOFLUX LEDBar is specified by profile length, in precise lengths.

Precise lengths are based on the LED PCB length. PCB length can be any length up to 1997mm plus 3mm end gap for each cable end.

When calculating the length of the LEDBar, the space required for end caps and cable entry needs to be considered.

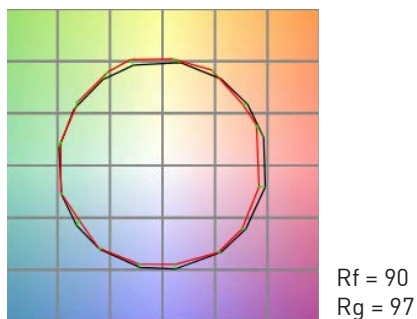
*Allow a minimum of 7mm for each cable return / entry.

See Page 3 & 4 for full dimensions of profile

CORRECTED CCT WITH COVERS

CCT (K)	CCT + OPAL COVER (K)
2700	2620
3000	2910
4000	3750

TM-30 DATA - SHELF 3000K LEDs



CRI COLOUR METRICS FOR SHELF 3000K LEDs

Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	96	99	99	96	95	96	89	77	48	95	98	80	98	99	99

COLOUR TEMPERATURES AVAILABLE

