

4480-3x0xx NANOFLUX LEDBAR

PRODUCT SUMMARY

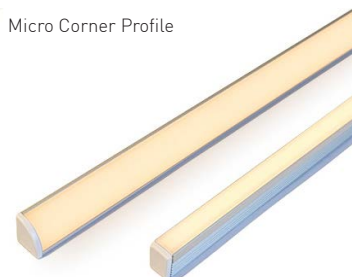
Nanoflux LEDBar features continuous phosphor which creates a homogeneous lit effect without any dots even in very shallow profiles which are ideal for shelf and cabinet lighting.

PRODUCT DETAILS

- Available in extra slim profile
- 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



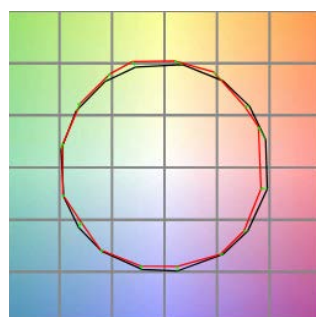
Micro Surface Profile



Mini Corner Profile

Mini Surface Profile

TM-30 DATA - NANOFLUX 3000K LEDs

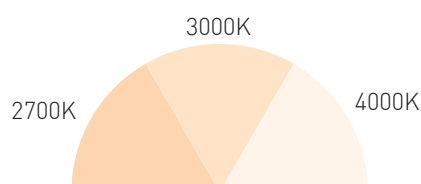


Rf = 90
Rg = 97

CRI COLOUR METRICS FOR NANOFLUX 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



4480-3x0xx NANOFLEX LEDBAR

EXAMPLE SPECIFICATION

4480-34012-930-1003-D

NANOFLEX LEDBar IP40, Micro Surface Channel, Opal Cover, 5mm COB 10W/m Cut Anywhere LED Tape, CRI 90+ Warm White 3000K at 1003mm Profile Length, Double Rear Ended Wiring, Silver Anodised finish.

Profile Length (+ End Gaps) = 1003mm, PCB Length = 1000mm,
Total Length (+ End Caps) = 1007mm Strip wattage = 10W Strip output = Up to 1300lm

PRODUCT CODE EXAMPLE : 4480 - 3 4 0 2 1 - 930 - 1003 - E 0 P 0

CHANNEL	Micro Surface	Mini Surface	Micro Corner	Mini Corner
CODE	4	6	5	8

COVER (PMMA)	Opal
CODE	2

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

PROFILE LENGTH	
Minimum (mm)	30
Maximum (mm)	2000
CODE (Example with 8.3mm LED Pitch, 5 Modules + End Gaps)	1000

END 1 CAP	Plain	End Feed	Back Feed	Left Side Feed	Right Side Feed
CODE	P	E	B	LS	RS

END 1 CABLE	Length
CODE	Length in Meters

END 2 CAP	Plain	End Feed	Back Feed	Left Side Feed	Right Side Feed
CODE	P	E	B	LS	RS

END 2 CABLE	Length
CODE	Length in Meters

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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.

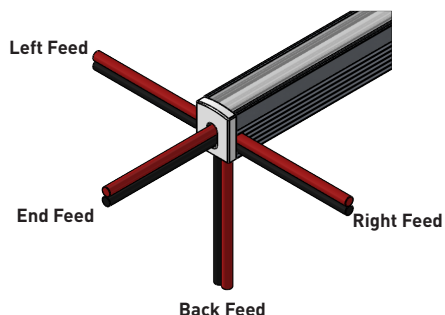
*Allow a minimum of 7mm for each cable return / entry.

See Page 4 & 5 for full dimensions of profile

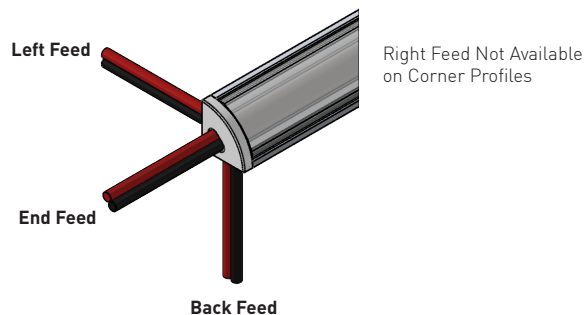
CORRECTED CCT WITH COVERS

CCT (K)	CCT + FROSTED COVER (K)	CCT + OPAL COVER (K)
2700	2660	2620
3000	2960	2910
4000	3890	3750

SURFACE WIRING

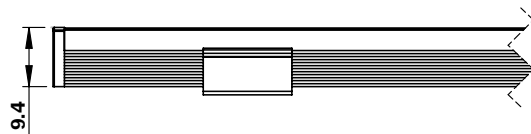
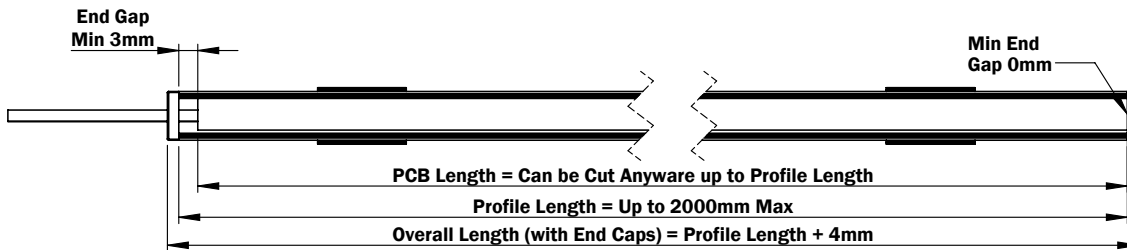


CORNER WIRING

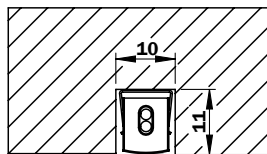


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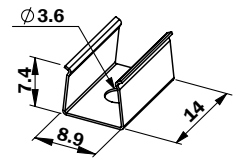
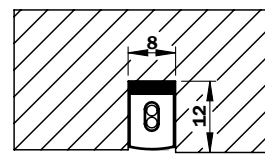
MICRO SURFACE PROFILE DIMENSIONS - CHANNEL CODE 4



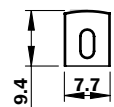
SLOT DIMENSIONS - MOUNT CLIP



SLOT DIMENSIONS - MAGNETIC STRIP

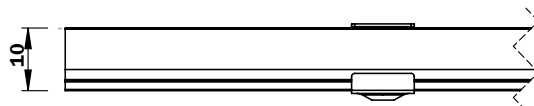
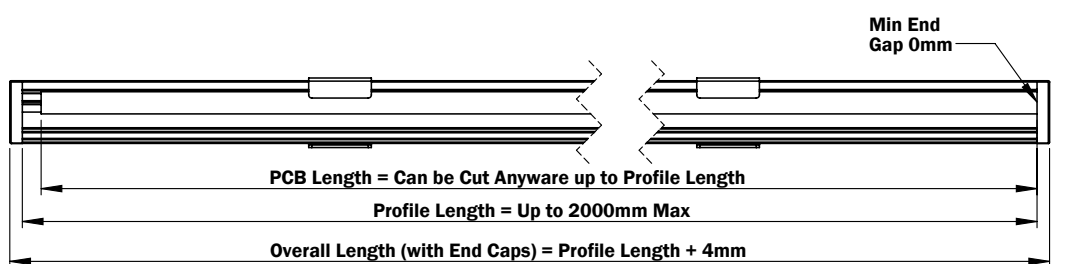


4480-14906
LEDBar Micro Surface
Mount Bracket
(Supplied with bars,
spares available to order).

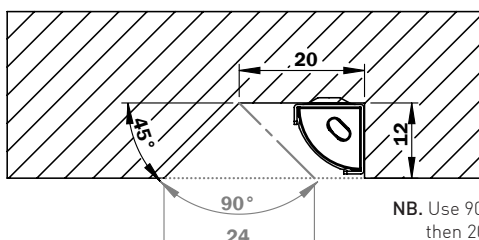


4480-14916-XXXX
LEDBar Micro Surface/
Corner Neodymium
Magnetic Tape with 3m
Adhesive
XXXX= Length in mm

MICRO CORNER PROFILE DIMENSIONS - CHANNEL CODE 5

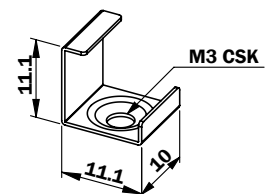
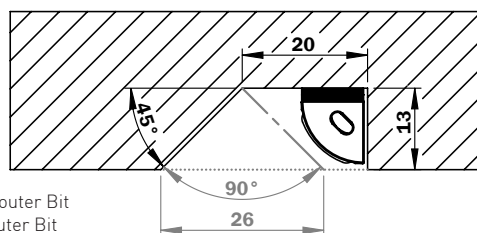


SLOT DIMENSIONS - MOUNT CLIP

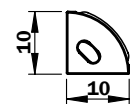


NB. Use 90° V Groove Router Bit
then 20mm Flat Router Bit
to cut slot in shelf.

SLOT DIMENSIONS - MAGNETIC STRIP



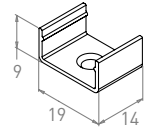
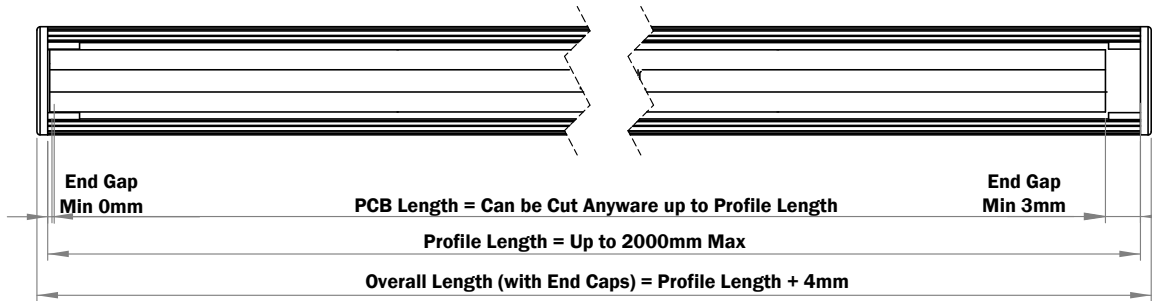
4480-15906
LEDBar Micro Corner
Surface Mount Bracket
(Supplied with bars,
spares available to order).



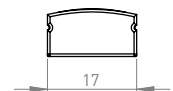
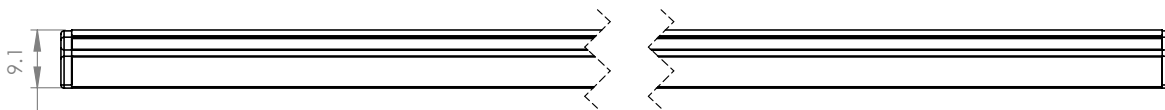
4480-14916-XXXX
LEDBar Micro Surface/
Corner Neodymium
Magnetic Tape with 3m
Adhesive
XXXX= Length in mm

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MINI SURFACE PROFILE DIMENSIONS - CHANNEL CODE 6

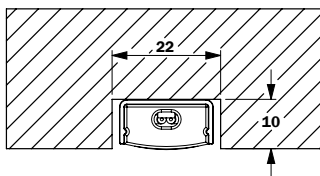


4480-12906
LEDBar Mini Surface Mount Bracket
(Supplied with bars, spares available to order).

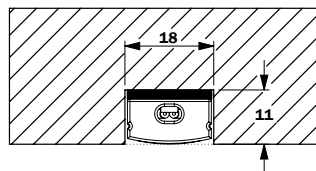


4480-02916-XXXX
LEDBar Mini Surface/Corner Neodymium Magnetic Tape with 3m Adhesive
XXXX= Length in mm

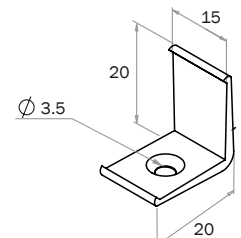
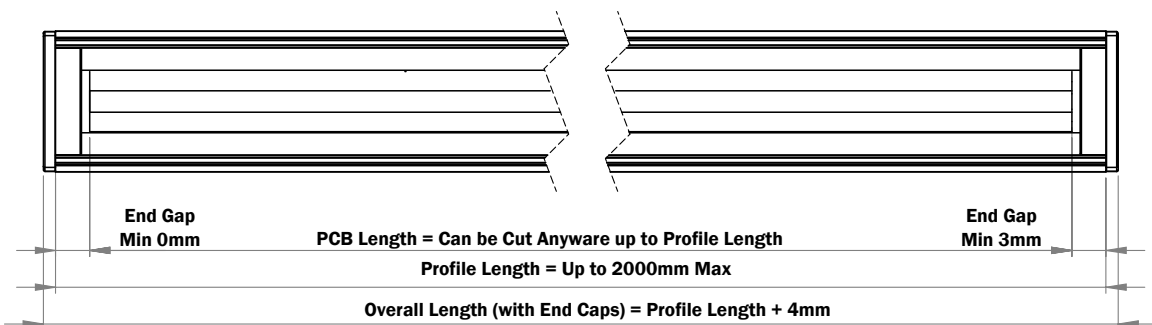
SLOT DIMENSIONS - MOUNT CLIP



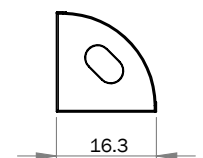
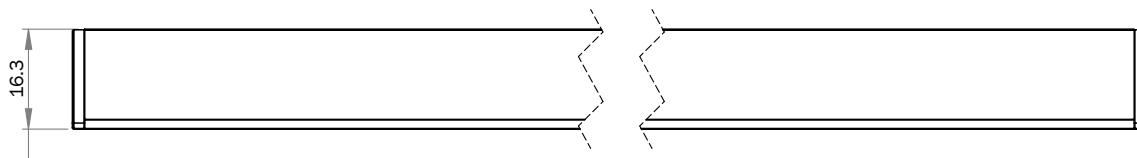
SLOT DIMENSIONS - MAGNETIC STRIP



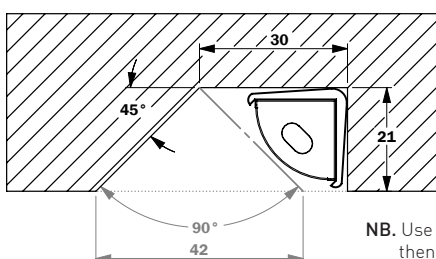
MINI CORNER PROFILE DIMENSIONS - CHANNEL CODE 8



4480-02906
LEDBar Surface Mount Bracket
(Supplied with bars, spares available to order).

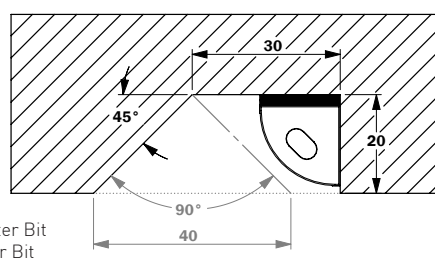


SLOT DIMENSIONS - MOUNT CLIP



NB. Use 90° V Groove Router Bit then 30mm Flat Router Bit to cut slot in shelf.

SLOT DIMENSIONS - MAGNETIC STRIP



4480-02916-XXXX
LEDBar Mini Surface/Corner Neodymium Magnetic Tape with 3m Adhesive
XXXX= Length in mm