FloppyFlex® F22 B

SINGLE COLOUR - VERTICAL & HORIZONTAL BENDING
LED NEON

24V EXTRA LOW VOLTAGE	INDOOR OUTDOOR	UV STABILISED	OUTDOOR IP RATED	COMMERCIAL GRADE	VANDAL RESISTANT	GREEN FRIENDLY	PVC 3 YEAR WARRANTY	SILICONE 5 YEAR WARRANTY

16mm
17mm
Vertical Profile Cross Section

Light Surface
Vertical Bending 300 mm Minimum Bend

16 mm
17mm
Horizontal Profile Cross Section

Light Surface
Horizontal Bending 300 mm Minimum Bend
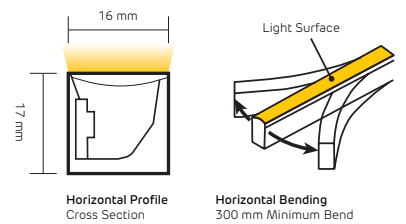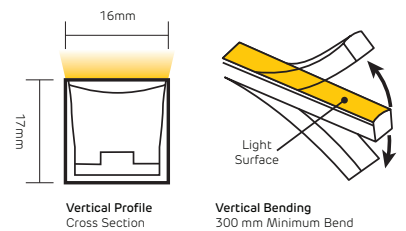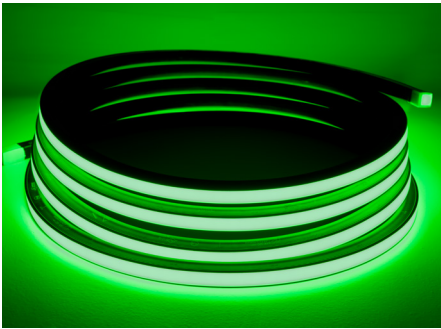
FloppyFlex F22-B is a flexible 24V LED neon available in several colours or colour temperatures of white. The minimum Vertical & Horizontal Bend diameter is 300 mm. Features a homogenous LED surface without "skittles" effect.

FEATURES

Super bright with homogenous lighting surface

Smooth, beautiful dimming, DMX control via FloppyDrive or DMX decoder

Wide beam angle

Wide range of accessories for joining, terminating, mounting, powering

Easy to use and install

300 mm minimum Horizontal or Vertical bend diameter

Unlimited and unprecedented possibilities

APPLICATIONS

Installation, architectural, digital signage, gameshows, arcades, signs, film and television sets, theme parks, bars and clubs, cruise ships, creating words, indirect applications, and scenic elements

AVAILABLE CONNECTORS

Injection Molded Power Feed and End cap connectors, fully customizable for no-hassle installations. PVC IP67, Silicone IP68.

Double Molded IP68 Power Feed and End cap connectors, suitable for submersible applications. PVC only - not available for silicone versions.

Snap Connector power feeds and end caps allow for easy onsite terminations with IP67 ratings, and allow for the End, Side, Middle, or Bottom power feed entry.

RESISTANCE AND PROTECTIONS

Flame Resistant
UV Resistant
Solvents Resistant
Saltwater Resistant
IP67 Protection
IK08 Protection

CERTIFICATIONS

With factory-installed connectors. cULus Listed, CE, TUV and RoHS compliant and passes rigorous environmental, optical, mechanical, and electrical testing.

CONTENTS

FIREFLY LIGHTING reserves the right to change this product and the specifications at any time without prior notice. Visit **www.fireflylighting.com.au** for the latest information.

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FloppyFlex® F22 B

WHITE - VERTICAL BENDING - PVC
FLAT PROFILE LED NEON

F22-B Vertical Bending White PVC Specifications

Part Number	LN-F22B-22-VB	LN-F22B-27-VB	LN-F22B-30-VB	LN-F22B-35-VB	LN-F22B-40-VB	LN-F22B-57-VB
Type	Dimmable Fixed White					
LED Colour	**2200K**	**2700K**	**3000K**	**3500K**	**4000K**	**5700K**
CCT	2238±102K	2725±145K	3045±175K	3465±245K	3985±275K	5669±355K
Lumen/m	420	420	420	480	480	450
CRI	82-87					
Beam Angle, Average (50%)	113.2°					
Cut & Connect Unit Length	55.6 mm					
Number of Units Per Meter	18					
LED Quantity Per Unit	6					
LED Quantity Per Meter	108					
Base Colour	White					
Housing	PVC					
Minimum Bend Diameter	300mm					
Bending Direction	Vertical Bending					
Connectors & Hardware	Factory molded connectors, Field attachable connectors, Aluminium mounting channels, Plastic mounting channels					
Operating Voltage	24V DC					
Wiring	2-Wire					
Power Consumption	12 W/m					
Max Fixture Runs	Single end feed	10 m				
	Double end feed	20 m				
Control	DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver					
Installation Temperature	0 to 45 °C					
Operating Temperature	-20 to 45 °C					
Mounting Surface Temperature	60 °C Max.					
Storage Temperature	-20 to 60 °C					
Dimensions (WxHxD)	16 mm x 17 mm x variable					
Ingress Protection	IP67 with Molded connectors, IP68 with Double Molded connectors, IP67 with Snap Connect connectors					
Listing	UL2108 Class 2, UL2108 Non Class 2, UL676*, CE-EMC, IS 10322 (* UL676 rating requires the use of Thickened Plastic Profile for mounting)					
Warranty	3 Years					
Wire Legend						

Black Negative
Red Positive (+)

16mm

17mm

Light Surface

Vertical Profile
Cross Section

Vertical Bending
300 mm Minimum Bend

FloppyFlex® F22 B

WHITE - VERTICAL BENDING - SILICONE
FLAT PROFILE LED NEON

FIREFLY LIGHTING
Phone : +61 7 3254 4333
Email : sales@fireflylighting.com.au
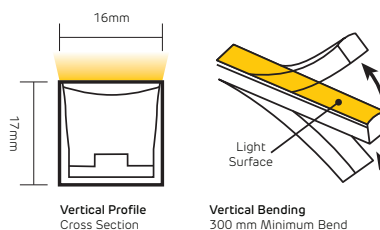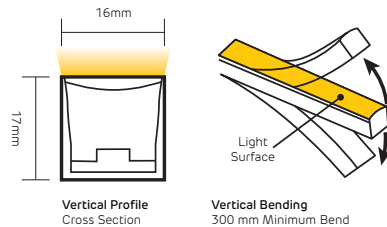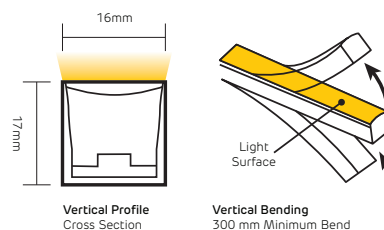**Address** : 9/29 Links Ave North, Eagle Farm.
Brisbane QLD 4009 Australia
www.fireflylighting.com.au

F22-B Vertical Bending White Silicone Specifications

Part Number	SLN-F22B-22-VB	SLN-F22B-27-VB	SLN-F22B-30-VB	SLN-F22B-35-VB	SLN-F22B-40-VB	SLN-F22B-57-VB
Type	Dimmable Fixed White					
LED Colour	**2200K**	**2700K**	**3000K**	**3500K**	**4000K**	**5700K**
CCT	2238±66K	2725±85K	3045±105K	3465±245K	3985±150K	5669±305K
Lumen/m	450	565	565	580	580	580
CRI	82-87					
Beam Angle, Average (50%)	113.2°					
Cut & Connect Unit Length	55.6 mm					
Number of Units Per Meter	18					
LED Quantity Per Unit	6					
LED Quantity Per Meter	108					
Base Colour	White					
Housing	Silicone					
Minimum Bend Diameter	300mm					
Bending Direction	Vertical Bending					
Connectors & Hardware	Factory molded connectors, field attachable connectors, Aluminium mounting channels, Plastic mounting channels					
Operating Voltage	24V DC					
Wiring	2-Wire					
Power Consumption	12 W/m					
Max Fixture Runs	Single end feed	15 m				
	Double end feed	30 m				
Control	DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver					
Installation Temperature	-40 to 50 °C					
Operating Temperature	-40 to 55 °C					
Mounting Surface Temperature	85 °C Max.					
Storage Temperature	-40 to 60 °C					
Dimensions (WxHxD)	16 mm x 17 mm x variable					
Ingress Protection	IP68 with Molded connectors, IP67 with Snap Connect connectors					
Listing	UL2108 Class 2, CE-EMC, IS 10322					
Warranty	5 Years					
Wire Legend						

Black Negative
Red Positive (+)

16mm

17mm

Vertical Profile
Cross Section

Light Surface

Vertical Bending
300 mm Minimum Bend

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FloppyFlex® F22 B

SINGLE COLOUR - VERTICAL BENDING - PVC
FLAT PROFILE LED NEON

F22-B Vertical Bending Colour PVC Specifications

Part Number		LN-F22B-R-VB	LN-F22B-A-VB	LN-F22B-G-VB	LN-F22B-B-VB
Type		Dimmable Fixed Colour			
LED Colour		**Red**	**Amber**	**Green**	**Blue**
Wavelength		618-624nm	588-594nm	522-528nm	468-474nm
Lumen/m		170	170	450	85
Beam Angle, Average (50%)		116.5°			
Cut & Connect Unit Length		83.34 mm		55.6 mm	
Number of Units Per Meter		12		18	
LED Quantity Per Unit		9		6	
LED Quantity Per Meter		108			
Base Colour		White			
Housing		PVC			
Minimum Bend Diameter		300mm			
Bending Direction		Vertical Bending			
Connectors & Hardware		Factory molded connectors, Field attachable connectors, Aluminium mounting channels, Plastic mounting channels			
Operating Voltage		24V DC			
Wiring		2-Wire			
Power Consumption		8 W/m		12 W/m	
Max Fixture Runs	Single end feed	15 m		10 m	
	Double end feed	30 m		20 m	
Control		DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver			
Installation Temperature		0 to 45 °C			
Operating Temperature		-20 to 50 °C		-20 to 45 °C	
Mounting Surface Temperature		60 °C			
Storage Temperature		-20 to 60 °C			
Dimensions (WxHxD)		16 mm x 17 mm x variable			
Ingress Protection		IP67 with Molded connectors, IP68 with Double Molded connectors, IP67 with Snap Connect connectors			
Listing		UL2108 Class 2, UL2108 Non Class 2, UL676*, CE-EMC, IS 10322 (* UL676 rating requires the use of Thickened Plastic Profile for mounting)			
Warranty		3 Years			
Wire Legend					

Black Negative
Red Positive (+)

16mm

17mm

Light
Surface

Vertical Profile
Cross Section

Vertical Bending
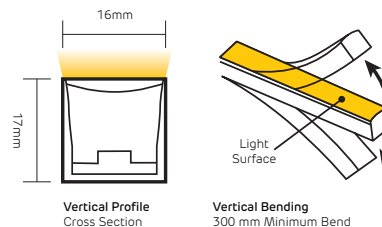300 mm Minimum Bend

FloppyFlex® F22 B

SINGLE COLOUR - VERTICAL BENDING - SILICONE
FLAT PROFILE LED NEON

FIREFLY LIGHTING
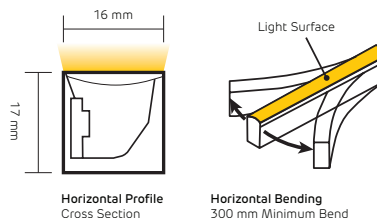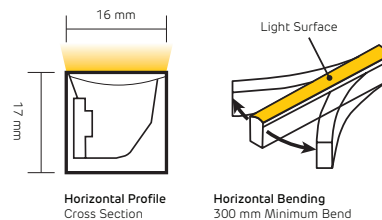**Phone** : +61 7 3254 4333
Email : sales@fireflylighting.com.au
Address : 9/29 Links Ave North, Eagle Farm.
Brisbane QLD 4009 Australia
www.fireflylighting.com.au

F22-B Vertical Bending Colour Silicone Specifications

Part Number	SLN-F22B-R-VB	SLN-F22B-A-VB	SLN-F22B-G-VB	SLN-F22B-B-VB
Type	Dimmable Fixed Colour			
LED Colour	**Red**	**Amber**	**Green**	**Blue**
Wavelength	618-624nm	588-594nm	522-528nm	468-474nm
Lumen/m	185	185	550	120
Beam Angle, Average (50%)	113.1°			
Cut & Connect Unit Length	83.34 mm		55.6 mm	
Number of Units Per Meter	12		18	
LED Quantity Per Unit	9		6	
LED Quantity Per Meter	108		108	
Base Colour	White			
Housing	Silicone			
Minimum Bend Diameter	300mm			
Bending Direction	Vertical Bending			
Connectors & Hardware	Factory molded connectors, Field attachable connectors, Aluminium mounting channels, Plastic mounting channels			
Operating Voltage	24V DC			
Wiring	2-Wire			
Power Consumption	8 W/m		12 W/m	
Max Fixture Runs — Single end feed	20 m		15 m	
Max Fixture Runs — Double end feed	40 m		30 m	
Control	DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver			
Installation Temperature	-40 to 50 °C			
Operating Temperature	-40 to 60 °C		-40 to 55 °C	
Mounting Surface Temperature	85 °C Max.			
Storage Temperature	-40 to 60 °C			
Dimensions (WxHxD)	16 mm x 17 mm x variable			
Ingress Protection	IP68 with Molded connectors, IP67 with Snap Connect connectors			
Listing	UL2108 Class 2, CE-EMC, IS 10322			
Warranty	5 Years			
Wire Legend				

Black Negative
Red Positive (+)

16mm
17mm

Light Surface

Vertical Profile
Cross Section

Vertical Bending
300 mm Minimum Bend

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FIREFLY LIGHTING reserves the right to change this product and the specifications at any time without prior notice. Visit **www.fireflylighting.com.au** for the latest information.

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FloppyFlex® F22 B

SINGLE COLOUR - HORIZONTAL BENDING - PVC
FLAT PROFILE LED NEON

F22-B Horizontal Bending Colour PVC Specifications

Part Number		LN-F22B-R-HB	LN-F22B-A-HB	LN-F22B-G-HB	LN-F22B-B-HB
Type		Dimmable Fixed Colour			
LED Colour		**Red**	**Amber**	**Green**	**Blue**
Wavelength		618-624nm	588-594nm	522-528nm	468-474nm
Lumen/m		150	150	400	65
Beam Angle, Average (50%)		115.3°			
Cut & Connect Unit Length		83.34 mm		55.6 mm	
Number of Units Per Meter		12		18	
LED Quantity Per Unit		9		6	
LED Quantity Per Meter		108			
Base Colour		White			
Housing		PVC			
Minimum Bend Diameter		300mm			
Bending Direction		Horizontal Bending			
Connectors & Hardware		Factory molded connectors, Field attachable connectors, Aluminium mounting channels, Plastic mounting channels			
Operating Voltage		24V DC			
Wiring		2-Wire			
Power Consumption		8 W/m		12 W/m	
Max Fixture Runs	Single end feed	15 m		10 m	
	Double end feed	30 m		20 m	
Control		DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver			
Installation Temperature		0 to 45 °C			
Operating Temperature		-20 to 50 °C		-20 to 45 °C	
Mounting Surface Temperature		60 °C Max.			
Storage Temperature		-20 to 60 °C			
Dimensions (WxHxD)		16 mm x 17 mm x variable			
Ingress Protection		IP67 with Molded connectors, IP68 with Double Molded connectors, IP67 with Snap Connect connectors			
Listing		UL2108 Class 2, UL2108 Non Class 2, UL676*, CE-EMC, IS 10322 (* UL676 rating requires the use of Thickened Plastic Profile for mounting)			
Warranty		3 Years			
Wire Legend					

Black Negative
Red Positive (+)

16 mm

17 mm

Light Surface

Horizontal Profile
Cross Section

Horizontal Bending
300 mm Minimum Bend

FloppyFlex® F22 B

SINGLE COLOUR - HORIZONTAL BENDING - SILICONE
FLAT PROFILE LED NEON

FIREFLY LIGHTING
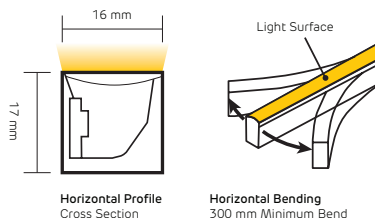**Phone** : +61 7 3254 4333
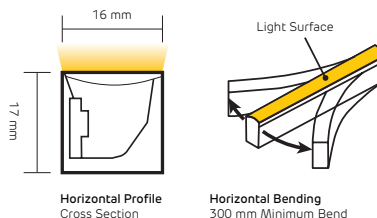**Email** : sales@fireflylighting.com.au
Address : 9/29 Links Ave North, Eagle Farm.
Brisbane QLD 4009 Australia
www.fireflylighting.com.au

F22-B Horizontal Bending Colour Silicone Specifications

Part Number	SLN-F22B-R-HB	SLN-F22B-A-HB	SLN-F22B-G-HB	SLN-F22B-B-HB
Type	Dimmable Fixed Colour			
LED Colour	**Red**	**Amber**	**Green**	**Blue**
Wavelength	618-624nm	588-594nm	522-528nm	468-474nm
Lumen/m	165	165	450	110
Beam Angle, Average (50%)	112.2°			
Cut & Connect Unit Length	83.34 mm		55.6 mm	
Number of Units Per Meter	12		18	
LED Quantity Per Unit	9		6	
LED Quantity Per Meter	108		108	
Base Colour	White			
Housing	Silicone			
Minimum Bend Diameter	300mm			
Bending Direction	Horizontal Bending			
Connectors & Hardware	Factory molded connectors, Field attachable connectors, Aluminium mounting channels, Plastic mounting channels			
Operating Voltage	24V DC			
Wiring	2-Wire			
Power Consumption	8 W/m		12 W/m	
Max Fixture Runs	Single end feed	20 m		15 m	
	Double end feed	40 m		30 m	
Control	DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver			
Installation Temperature	-40 to 50 °C			
Operating Temperature	-40 to 60 °C		-40 to 55 °C	
Mounting Surface Temperature	85 °C Max.			
Storage Temperature	-40 to 60 °C			
Dimensions (WxHxD)	16 mm x 17 mm x variable			
Ingress Protection	IP68 with Molded connectors, IP67 with Snap Connect connectors			
Listing	UL2108 Class 2, CE-EMC, IS 10322			
Warranty	5 Years			
Wire Legend				

Black Negative
Red Positive (+)

16 mm

17 mm

Light Surface

Horizontal Profile
Cross Section

Horizontal Bending
300 mm Minimum Bend

FloppyFlex® F22 B

WHITE - HORIZONTAL BENDING - PVC
FLAT PROFILE LED NEON

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F22-B Horizontal Bending White PVC Specifications

Part Number		LN-F22B-22-HB	LN-F22B-27-HB	LN-F22B-30-HB	LN-F22B-35-HB	LN-F22B-40-HB	LN-F22B-57-HB
Type		Dimmable Fixed White					
LED Colour		**2200K**	**2700K**	**3000K**	**3500K**	**4000K**	**5700K**
CCT		2238±102K	2725±145K	3045±175K	3465±245K	3985±275K	5669±355K
Lumen/m		400	400	400	450	450	400
CRI		82-87					
Beam Angle, Average (50%)		116°					
Cut & Connect Unit Length		55.6 mm					
Number of Units Per Meter		18					
LED Quantity Per Unit		6					
LED Quantity Per Meter		108					
Base Colour		White					
Housing		PVC					
Minimum Bend Diameter		300mm					
Bending Direction		Horizontal Bending					
Connectors & Hardware		Factory molded connectors, Field attachable connectors, Aluminium mounting channels, Plastic mounting channels					
Operating Voltage		24V DC					
Wiring		2-Wire					
Power Consumption		12 W/m					
Max Fixture Runs	Single end feed	10 m					
	Double end feed	20 m					
Control		DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver					
Installation Temperature		0 to 45 °C					
Operating Temperature		-20 to 45 °C					
Mounting Surface Temperature		60 °C Max.					
Storage Temperature		-20 to 60 °C					
Dimensions (WxHxD)		16 mm x 17 mm x variable					
Ingress Protection		IP67 with Molded connectors, IP68 with Double Molded connectors, IP67 with Snap Connect connectors					
Listing		UL2108 Class 2, UL2108 Non Class 2, UL676*, CE-EMC, IS 10322 (* UL676 rating requires the use of Thickened Plastic Profile for mounting)					
Warranty		3 Years					
Wire Legend							

Black Negative
Red Positive (+)

16 mm

17 mm

Light Surface

Horizontal Profile
Cross Section

Horizontal Bending
300 mm Minimum Bend

FIREFLY LIGHTING reserves the right to change this product and the specifications at any time without prior notice. Visit **www.fireflylighting.com.au** for the latest information.

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FloppyFlex® F22 B

WHITE - HORIZONTAL BENDING - SILICONE
FLAT PROFILE LED NEON

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F22-B Horizontal Bending White Silicone Specifications

Part Number		SLN-F22B-22-HB	SLN-F22B-27-HB	SLN-F22B-30-HB	SLN-F22B-35-HB	SLN-F22B-40-HB	SLN-F22B-57-HB
Type		Dimmable Fixed White					
LED Colour		**2200K**	**2700K**	**3000K**	**3500K**	**4000K**	**5700K**
CCT		2238±66K	2725±85K	3045±105K	3465±245K	3985±150K	5669±305K
Lumen/m		380	470	470	480	480	480
CRI		82-87					
Beam Angle, Average (50%)		112.3°					
Cut & Connect Unit Length		55.6 mm					
Number of Units Per Meter		18					
LED Quantity Per Unit		6					
LED Quantity Per Meter		108					
Base Colour		White					
Housing		Silicone					
Minimum Bend Diameter		300mm					
Bending Direction		Horizontal Bending					
Connectors & Hardware		Factory molded connectors, field attachable connectors, Aluminium mounting channels, Plastic mounting channels					
Operating Voltage		24V DC					
Wiring		2-Wire					
Power Consumption		12 W/m					
Max Fixture Runs	Single end feed	15 m					
	Double end feed	30 m					
Control		DMX-512/Ethernet via ProPlex BuckBoost System, DMX-512 via FloppyDrive 2X2, Dimmable MLV LED Driver, Non-dimmable AC/DC LED Driver					
Installation Temperature		-40 to 50 °C					
Operating Temperature		-40 to 55 °C					
Mounting Surface Temperature		85 °C Max.					
Storage Temperature		-40 to 60 °C					
Dimensions (WxHxD)		16 mm x 17 mm x variable					
Ingress Protection		IP68 with Molded connectors, IP67 with Snap Connect connectors					
Listing		UL2108 Class 2, CE-EMC, IS 10322					
Warranty		5 Years					
Wire Legend							

Black Negative
Red Positive (+)

16 mm

17 mm

Light Surface

Horizontal Profile
Cross Section

Horizontal Bending
300 mm Minimum Bend

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FloppyFlex® F22 B

FACTORY MOLDED CONNECTORS
IP67 PVC OR IP68 SILICONE

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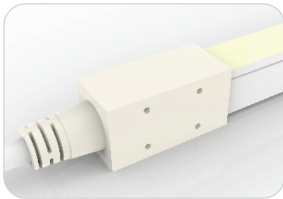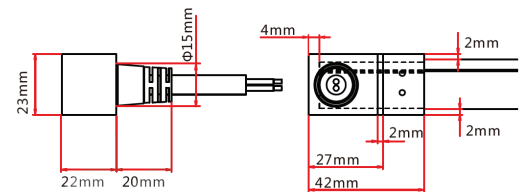Brisbane QLD 4009 Australia
www.fireflylighting.com.au

Molded Bottom Entry Connection

Connects FloppyFlex F22 to power supply with pre-installed end feed cable, IP67.
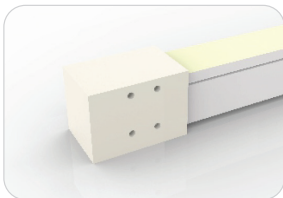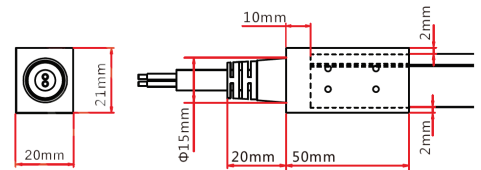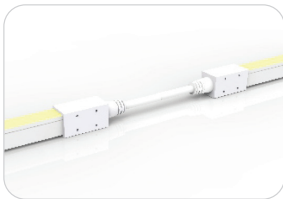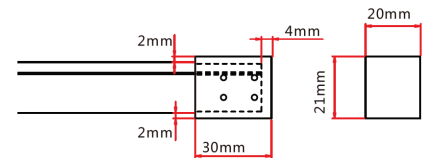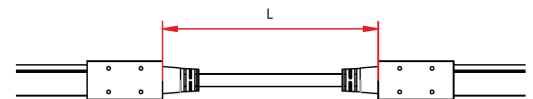Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.
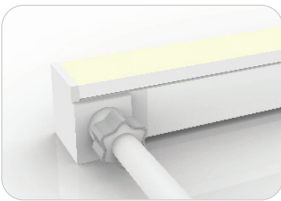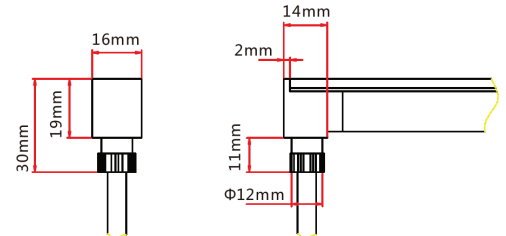
Molded Side Entry Connection

Connects FloppyFlex F22 to power supply with pre-installed side feed cable, IP67.
Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.
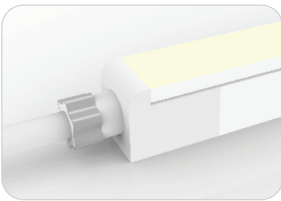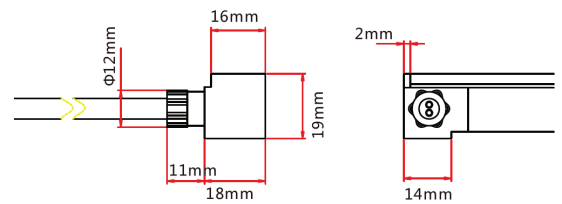
Molded End Entry Connection

Connects FloppyFlex F22 to power supply with pre-installed end feed cable, IP67.
Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.
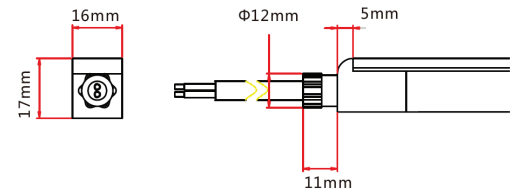
Molded End Cap

Pre-installed termination protection of FloppyFlex F22, IP67.
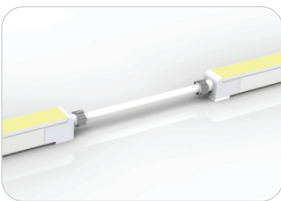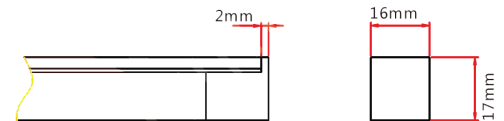
Molded End Entry Connection

Connects two pieces of FloppyFlex F22 together with a flexible cable, IP67.
Cable length available in 0.3 - 1 m.
Maximum 8 jumpers per 20 m
Maximum 4 jumpers per 10 m
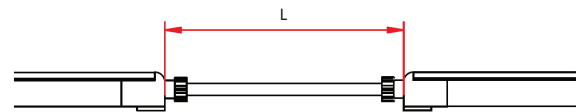
Molded T-Feed Connection

Connects two pieces of FloppyFlex F22 together with powered T-joint, IP67.
L1 and L2 length available in 0.15-0.5 m.
L3 length available in 0.3 - 1 m
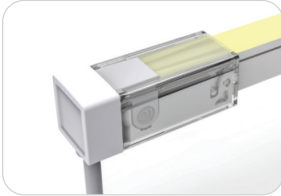Maximum 8 T-Feeds per 20 m
Maximum 4 T-Feeds per 10 m
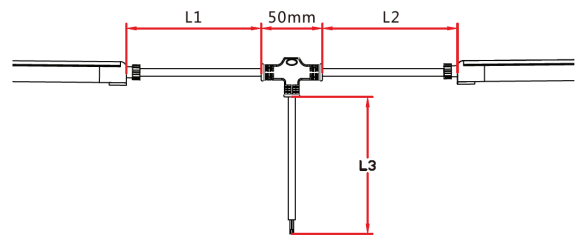
FloppyFlex® F22 B

FACTORY DOUBLE MOLDED CONNECTORS
IP68 PVC ONLY
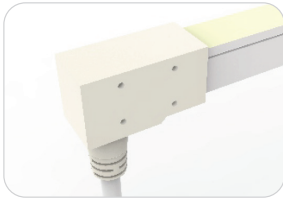
Double-Molded Bottom Entry Connection

Connects FloppyFlex F22 to power supply with pre-installed end feed cable, IP68.

Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.
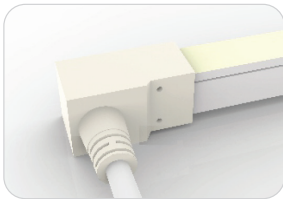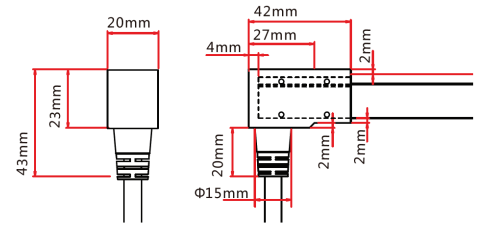
Double-Molded Side Entry Connection

Connects FloppyFlex F22 to power supply with pre-installed side feed cable, IP68.

Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.

Double-Molded End Entry Connection

Connects FloppyFlex F22 to power supply with pre-installed end feed cable, IP68.

Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.

Double-Molded End Cap

Pre-installed termination protection of FloppyFlex F22, IP68.

Double-Molded End Entry Connection

Connects two pieces of FloppyFlex F22 together with a flexible cable, IP68.

Cable length available in 0.3 - 1 m.

Maximum 8 jumpers per 20 m
Maximum 4 jumpers per 10 m

Double-Molded T-Feed Connection

Connects two pieces of FloppyFlex F22 together with powered T-joint, IP68.

L1 and L2 length available in 0.15-0.5 m.
L3 length available in 0.3 - 1 m

Maximum 8 T-Feeds per 20 m
Maximum 4 T-Feeds per 10 m

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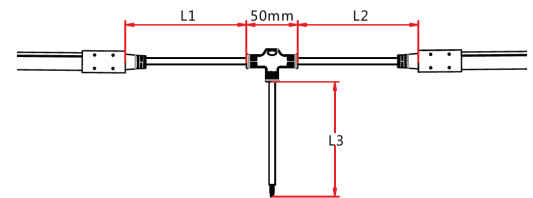
FloppyFlex® **F22** B

SNAP CONNECT CONNECTORS
IP67 PVC OR SILICONE

Snap Connect Bottom Entry

Connects FloppyFlex F22 to power supply with user-installable end feed cable, IP67.

Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.
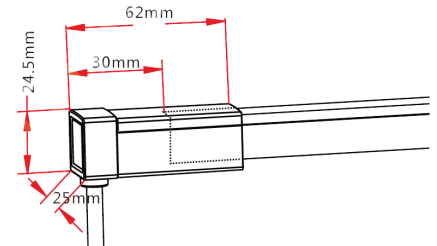
Snap Connect Side Entry

Connects FloppyFlex F22 to power supply with user-installable side feed cable, IP67.
Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.
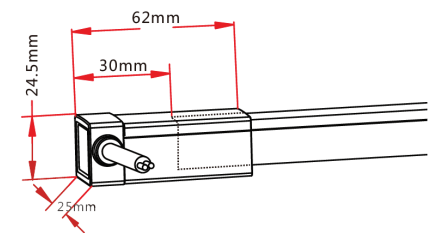
Snap Connect End Entry

Connects FloppyFlex F22 to power supply with user-installable end feed cable, IP67.
Cable length available in 0.3 m, 1 m, 3 m, 5 m, 10 m.
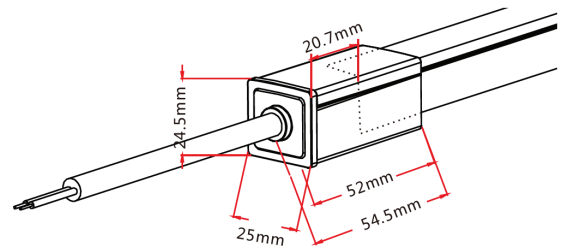
Snap Connect End Cap

User-installable termination protection of FloppyFlex F22, IP67.
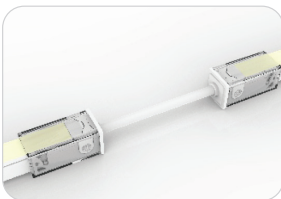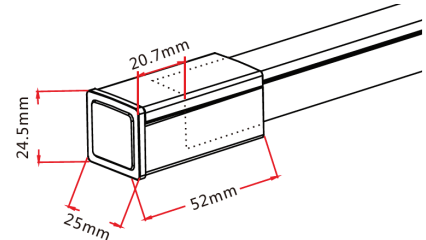
Snap Connect End Entry

Connects two pieces of FloppyFlex F22 together with a flexible cable, user -installable, IP67.
Cable length available in 0.3 m, 1 m, and 3 m.
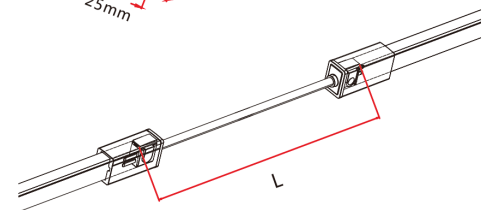
Snap Connect T-Feed

Connects two pieces of FloppyFlex F22 together with powered T-joint, user-installable, IP67.

L1 and L2 length available in 0.3 m.
L3 length available in 1 m

FIREFLY LIGHTING reserves the right to change this product and the specifications at any time without prior notice. Visit **www.fireflylighting.com.au** for the latest information.

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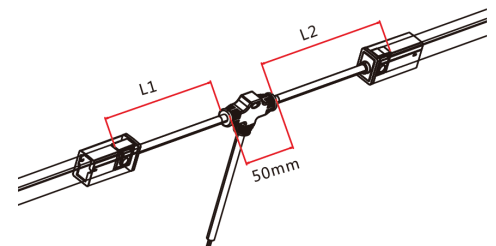
FloppyFlex® F22 B

MINI TOOL KIT
ASSEMBLY TOOLS

Mini Tool Kit

The FloppyFlex Mini Tool Kit includes the tools needed to properly cut and terminate FloppyFlex LED Neon with Snap Connect field-installable connectors. Correct installation ensures proper electrical contact, IP rating integrity, and warranty compliance.

Includes cutter, insertion spreader and grippers.

We recommend using these tools for optimum installation results and reduced risk of damage to the product.

Lockable Aluminium Case

Grippers

Cutter

Insertion Spreaders

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FloppyFlex® **F22** B

DRIVERS

L-TECH 4 channel DMX Decoder

- DMX dimming for 24V LED Tapes, Neons, and other low voltage systems of all types. Perfect for FloppyFlex
- One 24V 5-wire output
- Addressing via RDM or built in DIP switches
- Pluggable Terminal Block (PTB) screw terminals for bare-wire, installation flexibility
- Realises 0-100% dimming or different lighting effects.
- Works with DIM, CT, RGB, RGBW LEDs
- Can control 4 individual neon lengths.

L-TECH 3 channel DMX Decoder

- DMX dimming for 24V LED Tapes, Neons, and other low voltage systems of all types. Perfect for FloppyFlex
- One 24V 4-wire output
- Addressing via RDM or built in DIP switches
- Pluggable Terminal Block (PTB) screw terminals for bare-wire, installation flexibility
- Realises 0-100% dimming or different lighting effects.
- Works with DIM, CT, RGB LEDs
- Can control 3 individual neon lengths.

Mean Well 24 VDC LED Drivers

- High efficiency 24VDC LED drivers in DIN Rail and stand-alone with multiple wattage configurations
- IP-rated units available
- Fixed or dimmable output. Dimming available via 1-10VDC, 10V PWM signal, resistance, or built-in potentiometer

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# FloppyFlex® **F22** B

STRAIGHT ALUMINIUM CHANNEL

Versatile self-locking profile can be used to mount FloppyFlex F22 LED neon in any orientation including overhead at any angle. Extruded 6063 aluminum construction with elastic serrated grip tape hold the FloppyFlex neon firmly through varying temperatures of -20 to +70 °C.
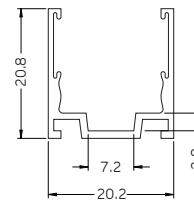
Tolerance: ±0.2 mm
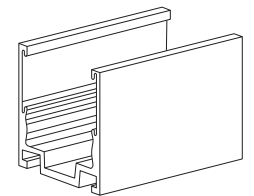
Dimensions in millimeters
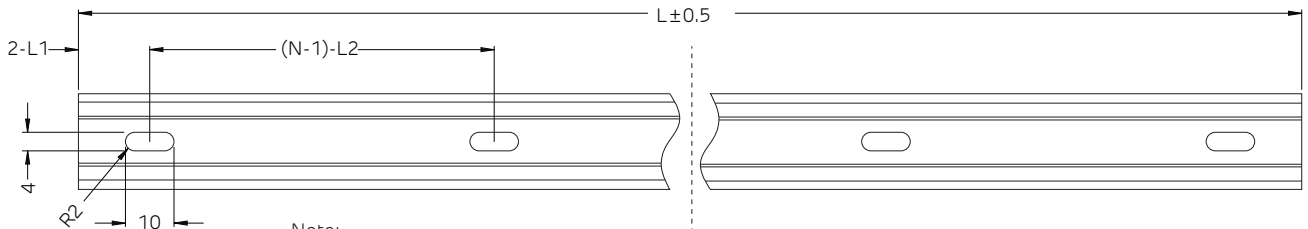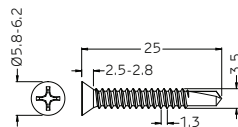
Note:
1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.
"N" hereby stands for its corresponding "Hole Number" in the table below.

Part Number	Length	L1	L2	Slotted Hole	Number of Holes
LNCH-F22-A1-02	20 mm	10 mm	N/A	4x10 mm	1
LNCH-F22-A1-05	500 mm	50 mm	200 mm	4x10 mm	3
LNCH-F22-A1-1	1000 mm	100 mm	200 mm	4x10 mm	5
LNCH-F22-A1-2	2000 mm	100 mm	200 mm	4x10 mm	10

FloppyFlex® F22 B
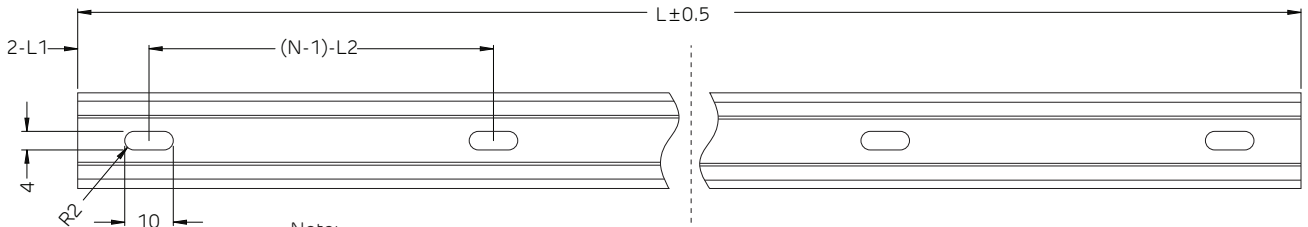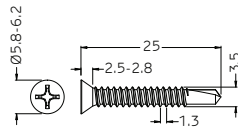
FLANGE ALUMINIUM PROFILE

Versatile self-locking profile can be used to mount recessed FloppyFlex F22 LED neon in any orientation including overhead at any angle. Extruded 6063 aluminum construction with elastic serrated grip tape hold the FloppyFlex neon firmly through varying temperatures of -20 to +70°C.
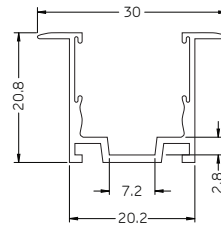
Tolerance: ±0.2 mm
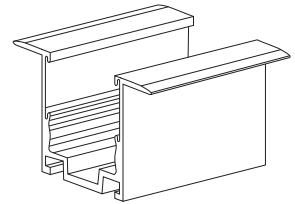
Dimensions in millimeters

Note:
1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.
"N" hereby stands for its corresponding "Hole Number" in the table below.

Part Number	Length	L1	L2	Slotted Hole	Number of Holes
LNCH-F22-A3-02	20 mm	10 mm	N/A	4x10 mm	1
LNCH-F22-A3-05	500 mm	50 mm	200 mm	4x10 mm	3
LNCH-F22-A3-1	1000 mm	100 mm	200 mm	4x10 mm	5
LNCH-F22-A3-2	2000 mm	100 mm	200 mm	4x10 mm	10

FloppyFlex® F22 B
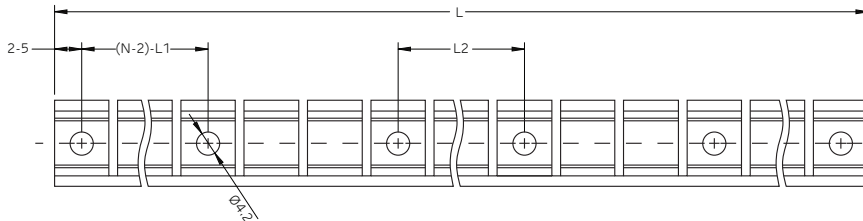
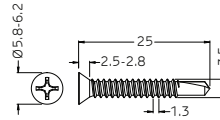## FLEXIBLE SELF LOCKING ALUMINIUM PROFILE
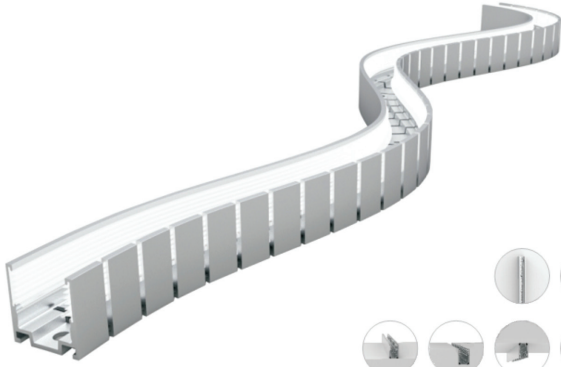
Flexible self-locking profile can be used to mount FloppyFlex F22 Horizontal Bending LED neon in custom freeform curves while maintaining clamping force. May be mounted in any orientation including overhead at any angle.
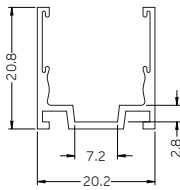
Tolerance: ±0.2 mm
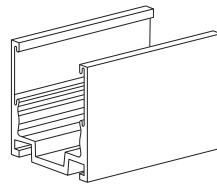
Dimensions in millimeters

Note:
1. 2-5 refers to two of symmetric 5mm in each piece of profile
2. (N-2)-L1 refers to (M minus two) of symmetric L1 in each piece of profile
"N" hereby stands for its corresponding "Hole Number" in the table below.

Part Number	Length	L1	L2	Screw Hole	Number of Holes
LNCH-F22-A2-05	500 mm	116.5 mm	23.3 mm	Ø4.2 mm	6
LNCH-F22-A2-1	1000 mm	116.5 mm	58.2 mm	Ø4.2 mm	10

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# FloppyFlex® F22 B

THICKENED PLASTIC CHANNEL

FIREFLY LIGHTING
Phone : +61 7 3254 4333
Email : sales@fireflylighting.com.au
Address : 9/29 Links Ave North, Eagle Farm.
Brisbane QLD 4009 Australia
www.fireflylighting.com.au

Non-metalic profile specially designed for FloppyFlex F22 LED neon in fully-submersed underwater applications up to 2 meters in depth. Thickened Polycarbonate construction to 3mm thickness. Excellent corrosion and fracture resistance properties. Can be mounted in any orientation including overhead at any angle.
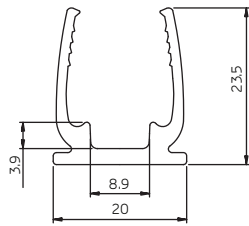
Tolerance: ±0.3mm
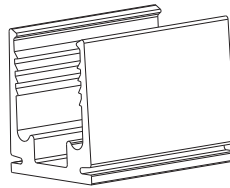
Dimensions in mm
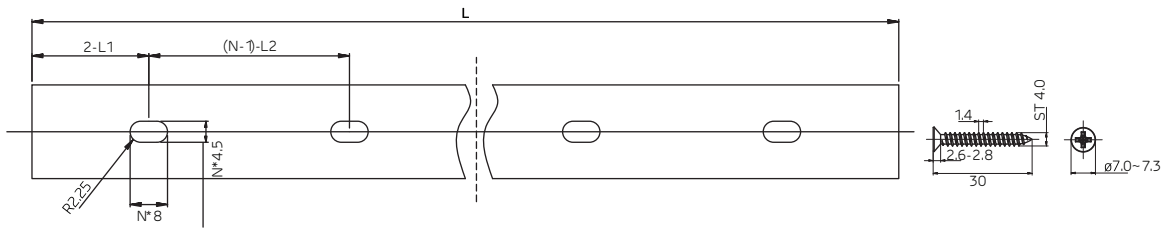
Note:
1. 2-L1 refers to two of symmetric L1 in each piece of profile.
2. (N-1)-L2 refers to (N minus one) of symmetric L2 in each piece of profile.
"N" hereby stands for its corresponding "Hole Number" in the table below.

Part Number	Length	L1	L2	Slotted Hole	Number of Holes
LNCH-F22-P1-35	35 mm	17.5 mm	N/A	4.5x8 mm	1
LNCH-F22-P1-05	500 mm	50 mm	200 mm	4.5x8 mm	3
LNCH-F22-P1-1	1000 mm	100 mm	200 mm	4.5x8 mm	5
LNCH-F22-P1-2	2000 mm	100 mm	200 mm	4.5x8 mm	10