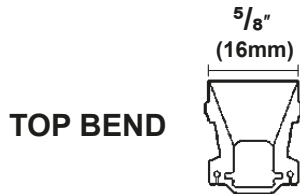


UNDERScore IN/OUT PIXEL



EN WARNING:

THE SAFETY OF THIS FIXTURE IS GUARANTEED ONLY IF YOU COMPLY WITH THESE INSTRUCTIONS; REMEMBER TO CONSERVE IN A SAFE PLACE.

FR ATTENTION:

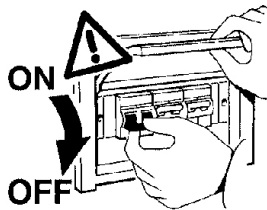
LA SECURITE DE L'APPAREIL N'EST GARANTIE QU'EN CAS D'UTILISATION CORRECTE DES INSTRUCTIONS SUIVANTES; IL FAUT PAR CONSEQUENT LES CONSERVER.

ES ATENCION:

LA SEGURIDAD DEL APARATO SE GARANTIZA SOLO CUMPLIENDO CUIDADOSAMENTE LAS SIGUIENTES INSTRUCCIONES; POR ELLO, ES NECESARIO CONSERVARLAS.

IT ATTENZIONE:

LA SICUREZZA DELL'APPARECCHIO E' GARANTITA SOLO CON L'USO APPROPRIATO DELLE SEGUENTI ISTRUZIONI; PERTANTO E' NECESSARIO CONSERVARLE.



EN INSTALL IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, LOCAL AND FEDERAL CODE SPECIFICATION.

FR VEUILLEZ INSTALLER CE PRODUIT EN CONFORMITE AVEC LE CODE ELECTRIQUE NATIONAL ET LES SPECIFICATIONS DU CODE LOCAL ET FEDERAL.

ES INSTALAR EL PRODUCTO RESPETANDO LAS NORMAS ELÉCTRICAS NACIONALES Y LAS ESPECIFICACIONES DE LAS NORMAS LOCALES Y FEDERALES.

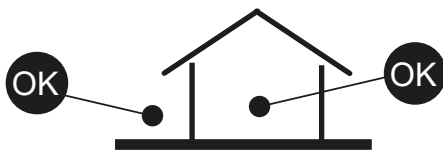
IT SI PREGA DI INSTALLARE QUESTO CONFORMITÀ CON IL NATIONAL ELECTRICAL CODE E LE SPECIFICHE DEL CODICE LOCALE E FEDERALE.

EN N.B.: WHEN INSTALLING THE SYSTEM, STRICTLY COMPLY WITH ALL REGULATIONS ON INSTALLATION IN FORCE.

FR N.B.: LORS DE L'INSTALLATION DU SYSTÈME VEUILLEZ RESPECTER RIGOREUSEMENT LES NORMES EN VIGUEUR EN LA MATIÈRE.

IT N.B.: DURANTE L'INSTALLAZIONE DEL SISTEMA RISPETTARE SCRUPOLOSAMENTE LE NORME IMPIANTISTICHE VIGENTI.

ES N.B.: DURANTE LA INSTALACIÓN DEL SISTEMA RESPETAR E SCRUPULOSAMENTE LAS NORMAS DE INSTALACIÓN VIGENTES.



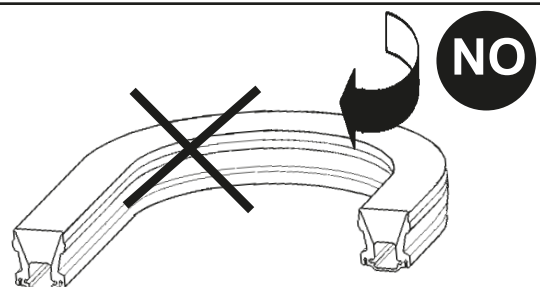
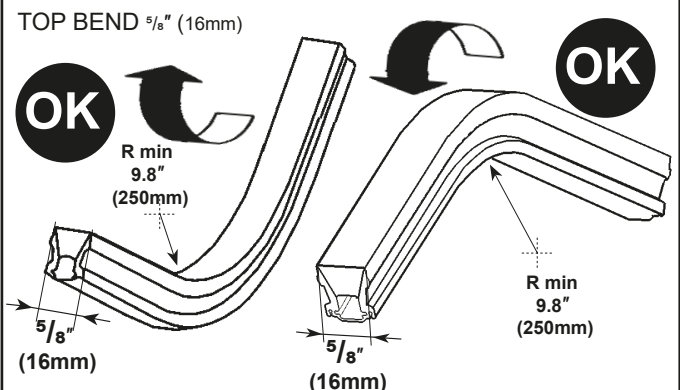
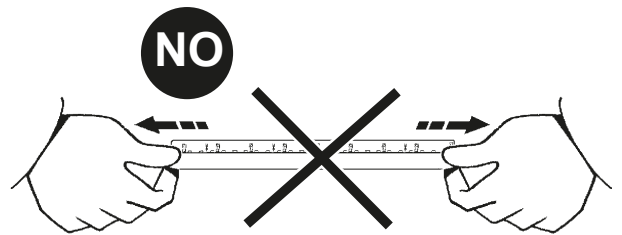
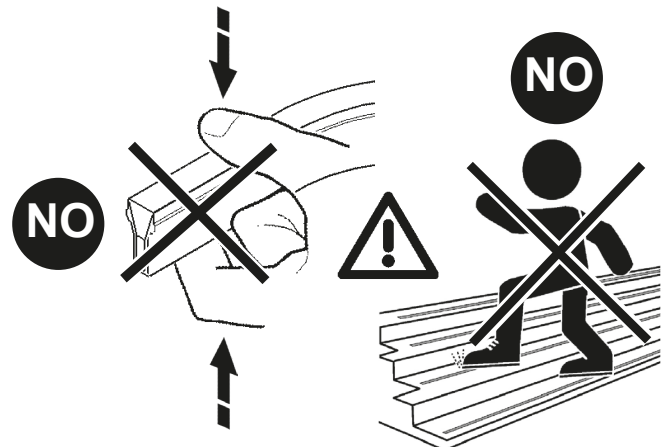
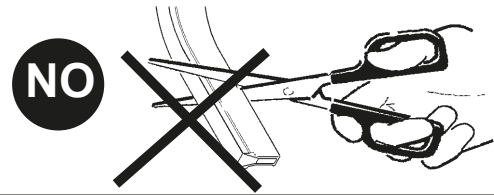
EN SUITABLE FOR WET LOCATION
FR CONVIENT AUX EMPLACEMENT MOUILLÉS
ES APTO PARA UBICACIONES MOJADAS
IT ADATTO A LUOGHI BAGNATI

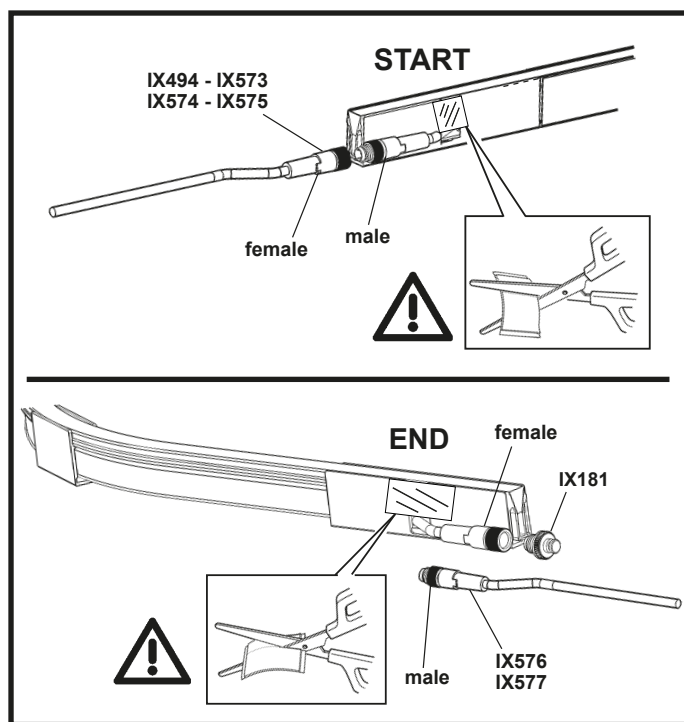
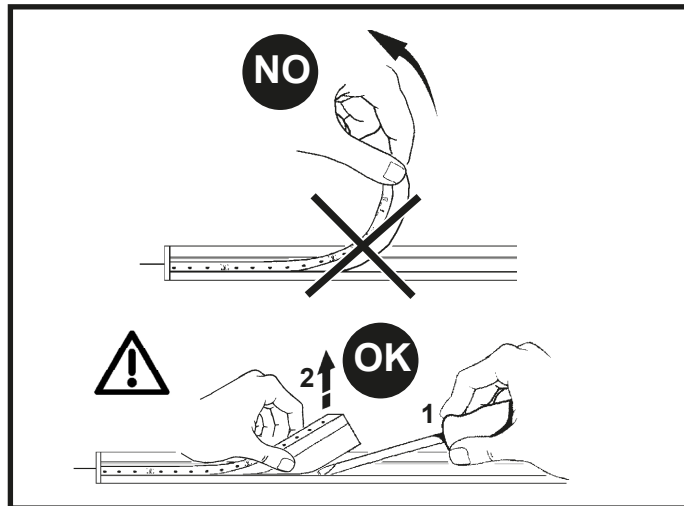
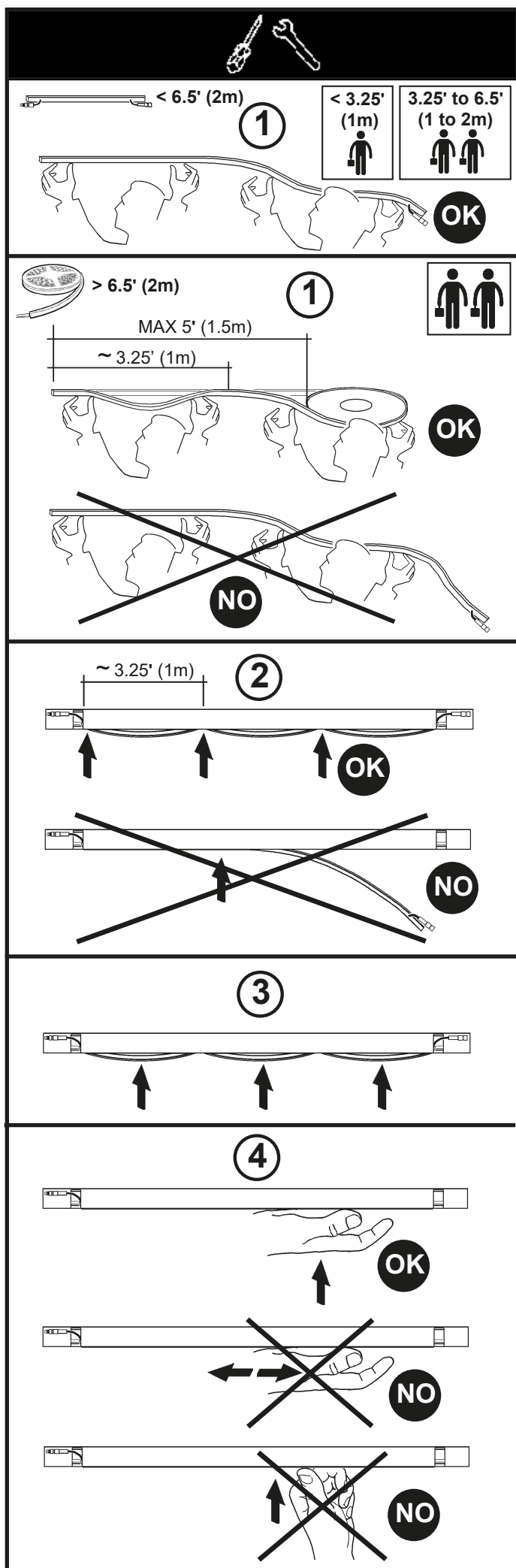
EN Handle with care and do not subject to mechanical stress.

FR Manipuler avec précaution et ne pas soumettre à des contraintes mécaniques.

ES Manejar con cuidado y no someter a tensiones mecánicas.

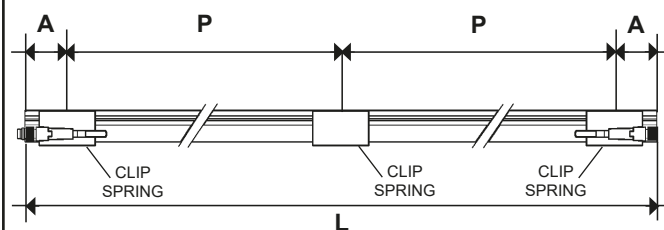
IT Maneggiare con cura e non sottoporre a tensioni meccaniche.





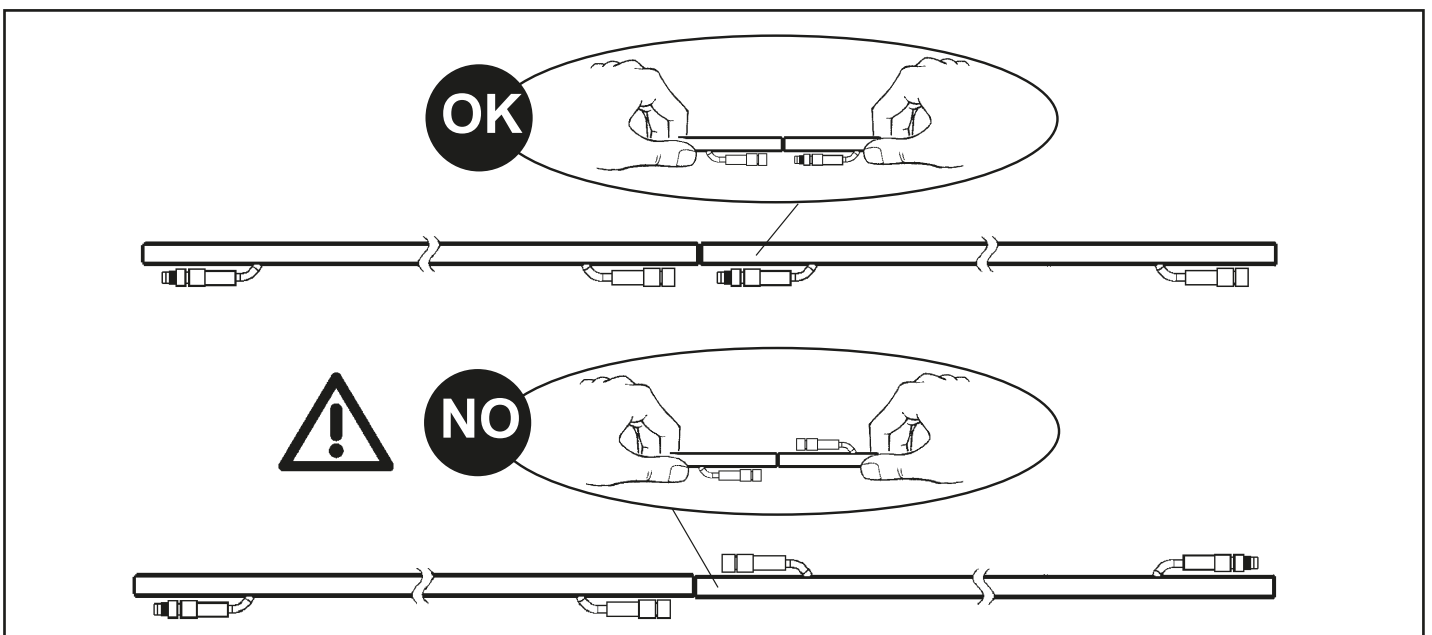
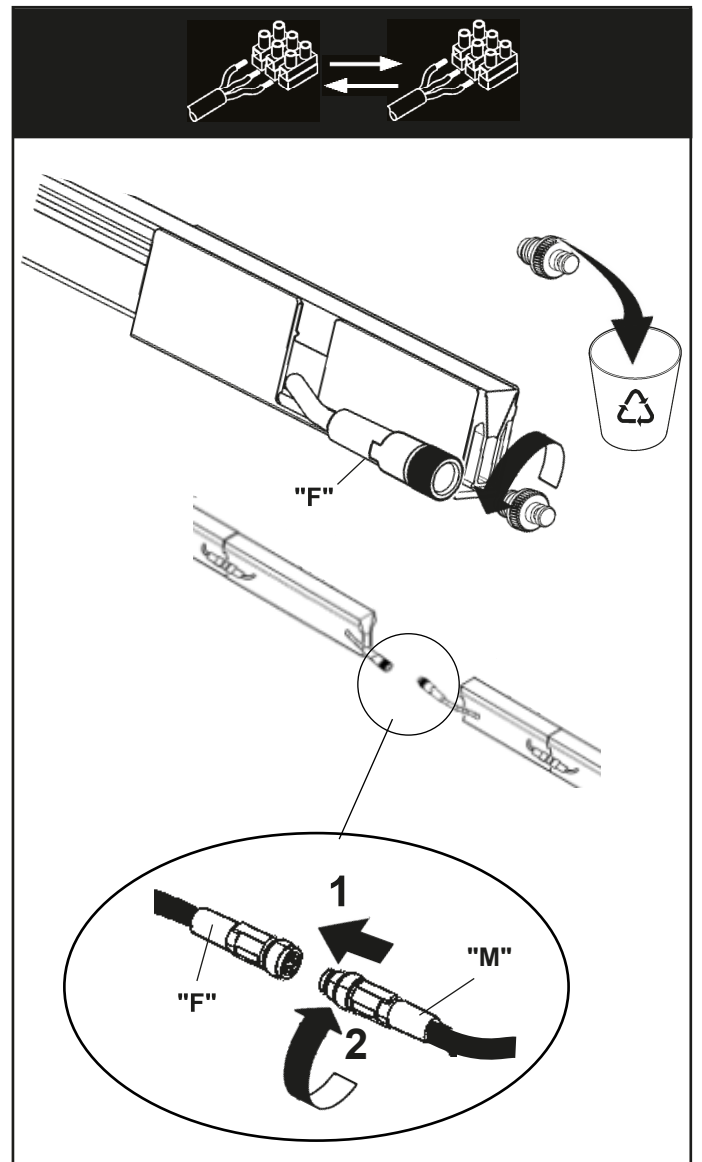
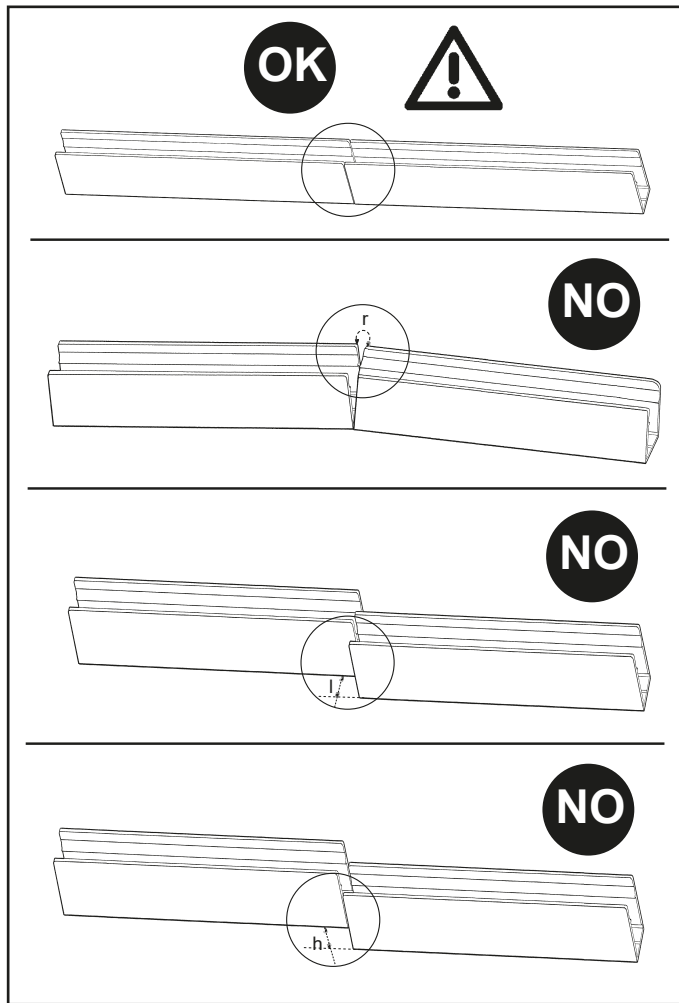
SPRING - CLIP POSITION

AL, CL, AH, CH
 art. IX131 - IX132 - IX141 - IX142



Module length (L) in (mm)	Spring clip quantity	A in (mm)	P in (mm)
1'-1 $\frac{3}{8}$ " (337)	2	1" (30)	5 $\frac{1}{2}$ " (138,5)
1'-7 $\frac{7}{8}$ " (504)	3	1" (30)	8 $\frac{3}{4}$ " (222)
2'-2 $\frac{1}{2}$ " (671)	3	1" (30)	12" (305)
2'-9" (837)	4	1" (30)	10" (259)
3'-3 $\frac{1}{2}$ " (1004)	4	1" (30)	12 $\frac{3}{8}$ " (314)
6'-6 $\frac{7}{8}$ " (2004)	6	1" (30)	15 $\frac{1}{4}$ " (388)
9'-10 $\frac{1}{4}$ " (3004)	9	1" (30)	14 $\frac{1}{2}$ " (368)
13'-1 $\frac{5}{8}$ " (4004)	12	1" (30)	14" (358)
16'-5" (5004)	14	1" (30)	15" (380)
22'-11 $\frac{3}{4}$ " (7004)	18	1" (30)	16" (408)

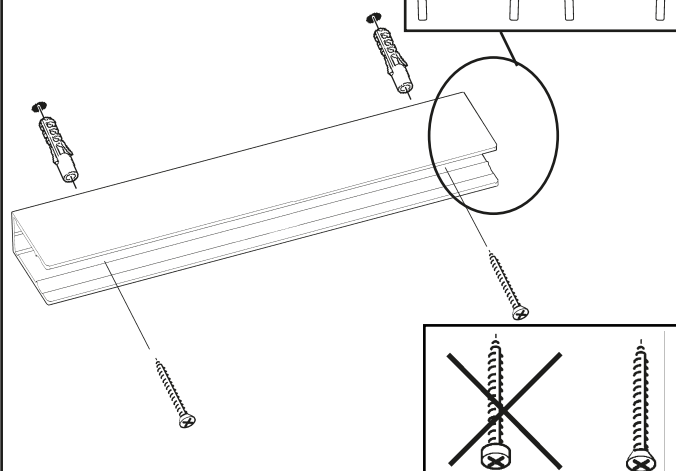
EN In applications featuring bends, the values shown in the table may vary.
FR En présence de courbes, les valeurs figurant dans le tableau peuvent varier.
IT In applicazioni con presenza di curve, i valori riportati in tabella possono variare.
ES En aplicaciones con curvas, los valores indicados en la tabla pueden variar.



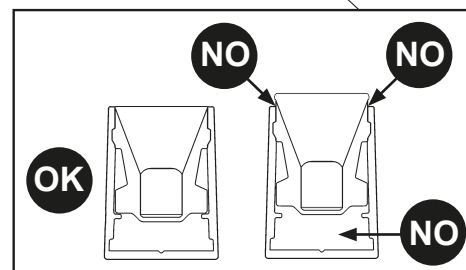
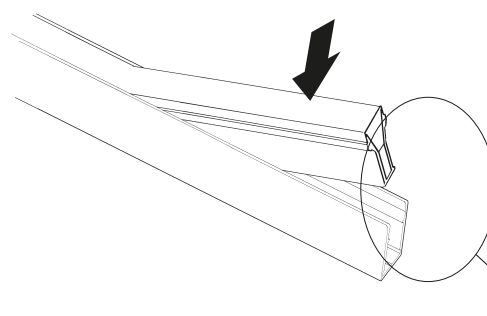


ALUMINUM PROFILE

Use #8 (M4) flat head screws
with appropriate anchors for
mounting



EN The cable cannot be replaced; if it is damaged, you must replace the product.
FR Le câble ne peut pas être remplacé. S'il est endommagé, il faut remplacer le produit.
IT Il cavo non può essere sostituito, se è danneggiato occorre sostituire il prodotto.
ES El cable no se puede sustituir; si se daña, habrá que sustituir el producto.



MOUNTING CONFIGURATION

LOW CLEARANCE PROFILE	ART	L ± 1/8" (± 4mm)	PROFILES ACCESSORIES	SPRING	CLIP	EXAMPLE
H= 1" (26,5mm) FOR UNDERSORE PIXEL TOP 5/8" (16mm)	E259	L=1.1' (337)	X137+ X138 L= 5" (127mm)	 X141	 X142	H
	E267	L=1.7' (504)	X134			A
	E268	L=2.2' (671)	X137+ X138 L= 18" (457mm)			H
	E269	L=2.7' (837)	X137+ X138 L=24,5" (623mm)			
	E270	L=3.3' (1004)	X135			B
	E271	L= 6.6' (2004)	X136			C
	E272	L= 9.9' (3004)	X137+X138+X139			D
	E273	L=13.1' (4004)	X137+X139+X140			E
	E274	L= 16.4' (5004)	X137+X138 + X139 + X140			F
	E275	L= 23' (7004)	X137+X138+X139+X140+X140			G

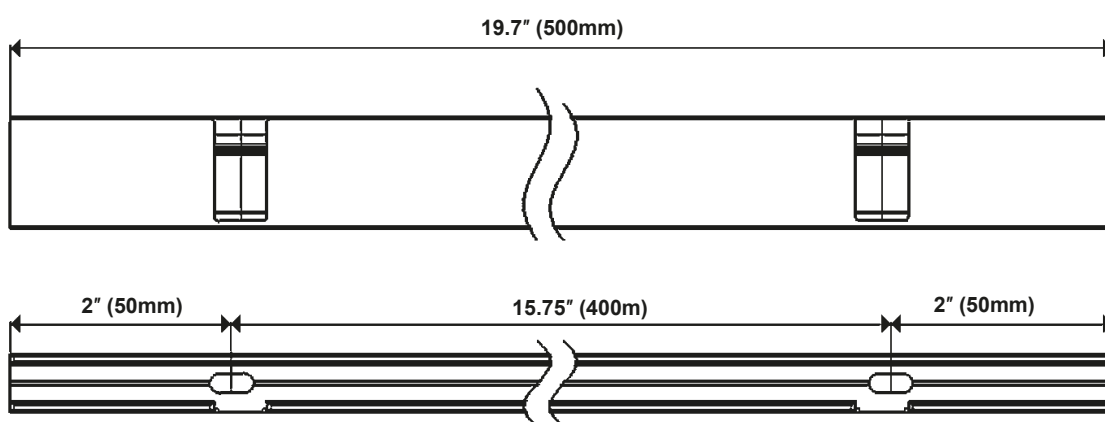
HIGH PROFILE	ART	L ± 1/8" (± 4mm)	PROFILES ACCESSORIES	SPRING	CLIP
H= 1 1/4" (31mm) FOR UNDERSORE PIXEL TOP 5/8" (16mm)	E259	L=1.1' (337)	X129 L= 13.1" (333mm)	 X131	 X132
	E267	L=1.7' (504)	X129 L= 19.7" (500mm)		
	E268	L=2.2' (671)	X129 L= 26.25" (667mm)		
	E269	L=2.7' (837)	X129 L= 32.8" (833mm)		
	E270	L=3.3' (1004)	X129		
	E271	L= 6.6' (2004)	X130		
	E272	L= 9.9' (3004)	X130+X129		
	E273	L=13.1' (4004)	X130+X130		
	E274	L= 16.4' (5004)	X130+X130 + X129		
	E275	L= 23' (7004)	X130+X130+X130+X129		

MOUNTING DIMENSIONS

TYPE	MOUNTING ARTICLE	LENGTH
LOW CLEARANCE CLIP	X141	1.6"(40mm)
	X142	1.6"(40mm)
LOW CLEARANCE PROFILE	X133	0.8'(250mm)
	X134	1.6' (500mm)
	X135	3.3' (1000mm)
	X136	6.5' (2000mm)
	X137	4"(104mm)
	X138	3.3' (998mm)
	X139	5.9' (1790mm)
	X140	6.5' (1998mm)
HIGH CLIP	X131	1.6"(40mm)
	X132	1.6"(40mm)
HIGH PROFILE	X129	3.3' (1000)
	X130	6.5' (2000)

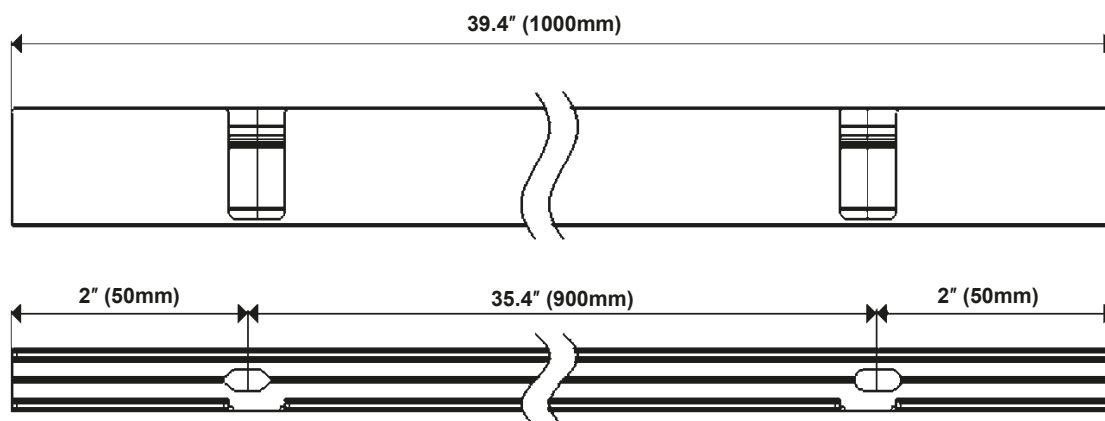
A

art. X134



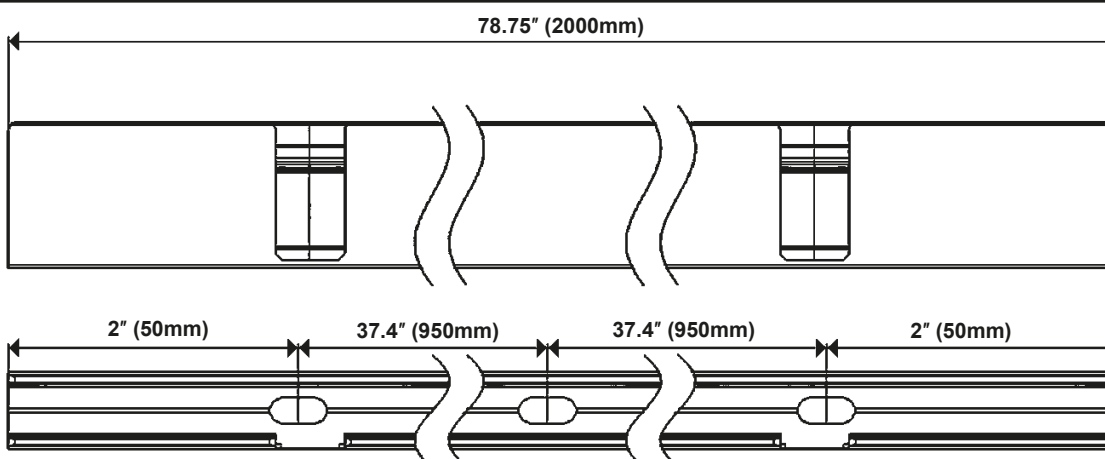
B

art. X135

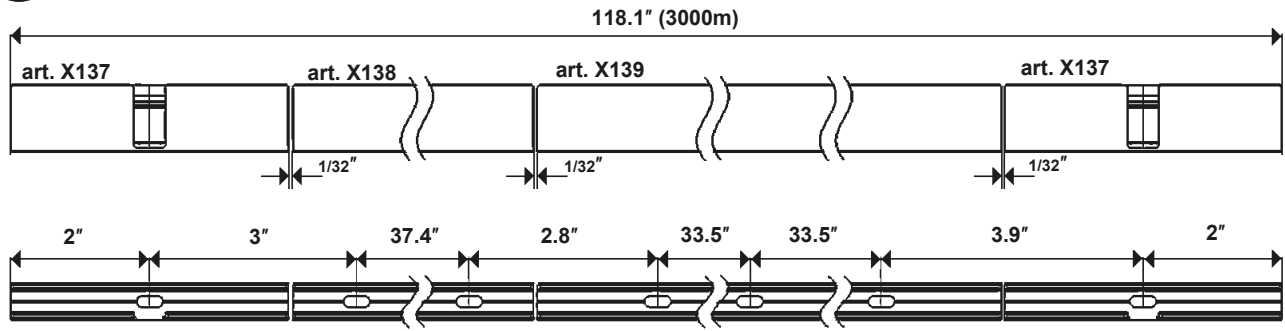


C

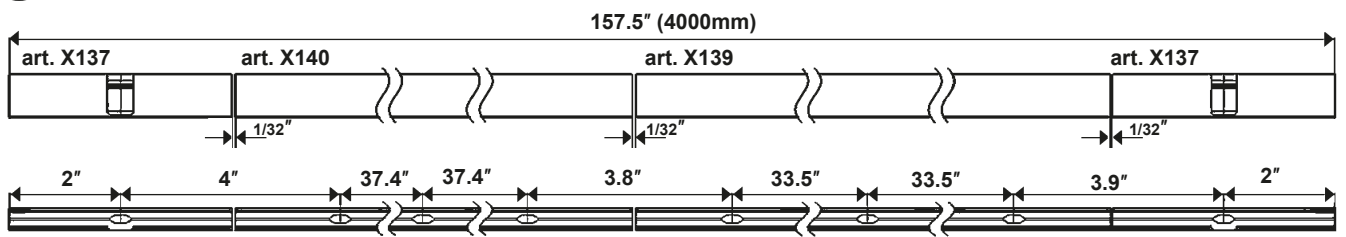
art. X136



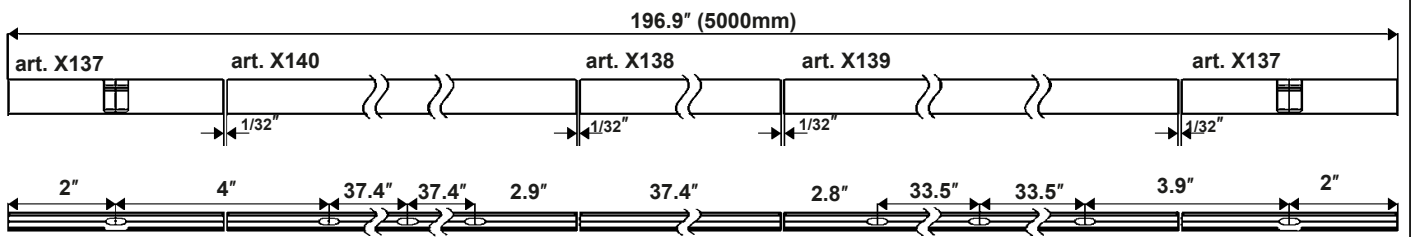
D



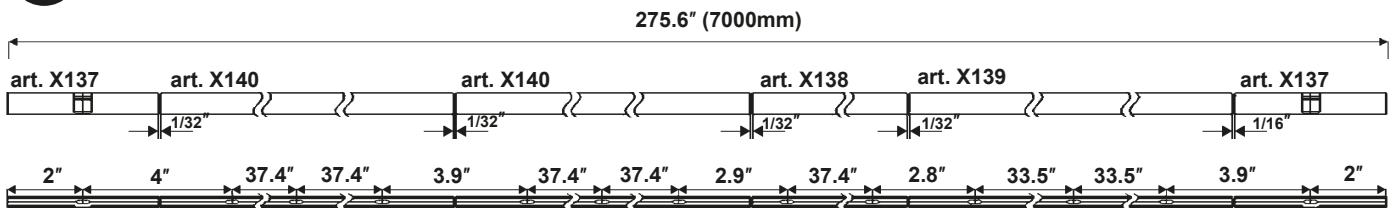
E



F



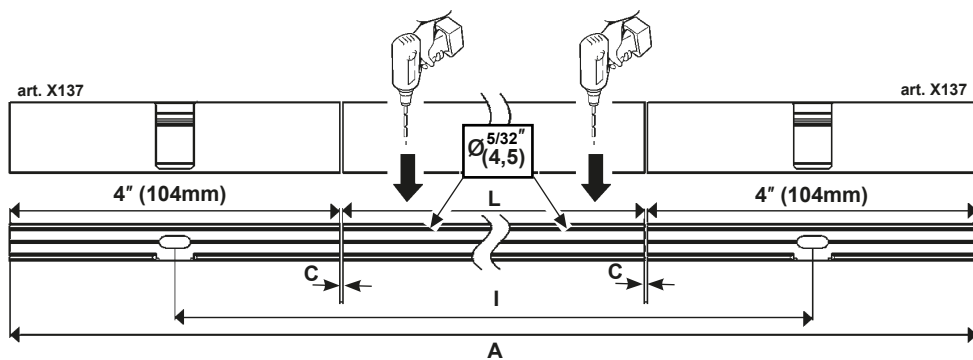
G

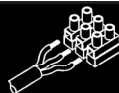


H

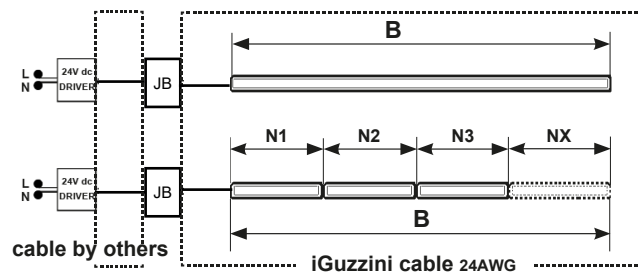
A= L Art. - 5/32"
I= L Art. - 4"
C= 1/32"

A= L Art. - 4 mm
I= L Art. - 104 mm
C= 1 mm





$$B = N1 + N2 + N3 + NX$$

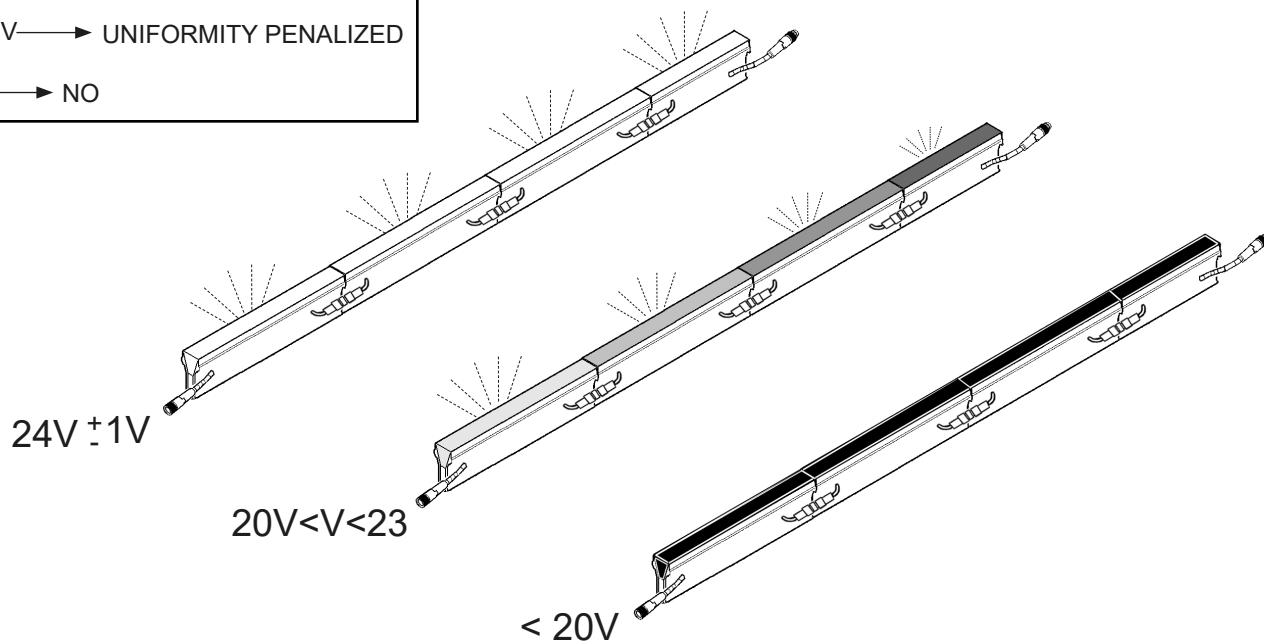


			B max ft (m)
			DRIVER
	ART.	Ampere / ft [A / ft]	4549-0024A-060-UNV-ND 4449-0024A-060-UNV-ND
TOP BEND	16 mm  E259 - E267 - E268 E269 - E270 - E271 E272 - E273 - E274	0,1	23 (7)

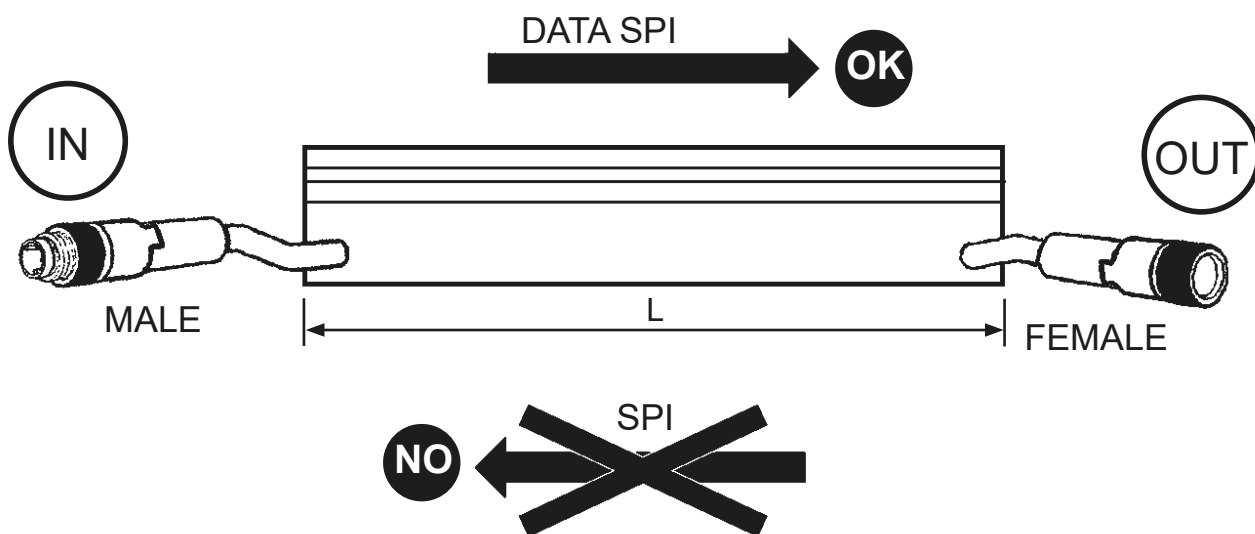
24V $\pm$ 1V $\longrightarrow$ OK

20V < V < 23V $\longrightarrow$ UNIFORMITY PENALIZED

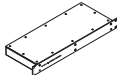
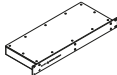
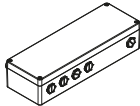
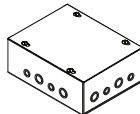
< 20V $\longrightarrow$ NO



WARNING



CONTROL SYSTEM

ARTICLE	DESCRIPTION	REFERENCE
4640	SDI - Designer Serial Data Interface (RS485 in, DC Power in, SPI Out) 24Vdc. Compatible with Pharos controllers only.	 INSTRUCTION SHEET SDI 
4641	EDN 10 - Designer Ethernet Data Node 10 (1+1 Ethernet, 10 DMX/RDM) 100-240V AC, 50-60Hz. Compatible with Pharos controllers only.	 INSTRUCTION SHEET EDN 10 and EDN 20 
4642	EDN 20 - Designer Ethernet Data Node 20 (1+1 Ethernet, 20 DMX/RDM) 100-240V AC, 50-60Hz. Compatible with Pharos controllers only.	 
4643	PAC S - PoE Ethernet switch with 4 Port, Class 2, 24Vdc. Compatible with Pharos controllers only.	 INSTRUCTION SHEET PAC S 
4644	TPS 5 - Designer touch panel station 5". Compatible with Pharos controllers only.	 INSTRUCTION SHEET TPS 5 
4549-0024A-060-UNV-ND	Wet location Class 2, outdoor rated driver box 60W, 24 Vdc adjustable from 22 to 27Vdc via a built in potentiometer 120-277V AC	 INSTRUCTION SHEET 4549-0024A-060-UNV-ND 
4449-0024A-060-UNV-ND	Dry/damp location Class 2 and indoor rated driver box 60W, 24 Vdc adjustable from 22 to 27Vdc via a built in potentiometer 120-277V AC	 INSTRUCTION SHEET 4449-0024A-060-UNV-ND 

EN USE ONLY WITH CLASS 2 POWER
FR UTILISER AVEC UNE ALIMENTATION DE CLASSE 2 SEULEMENT
ES USAR SOLO CON ALIMENTACIÓN DE CLASE 2
IT USAR SOLO CON ALIMENTACIÓN DE CLASE 2

[illegible]

4549-0024A-060-UNV-ND

4640

cable 4/16AWG, by others

V+ V- CLK SDI

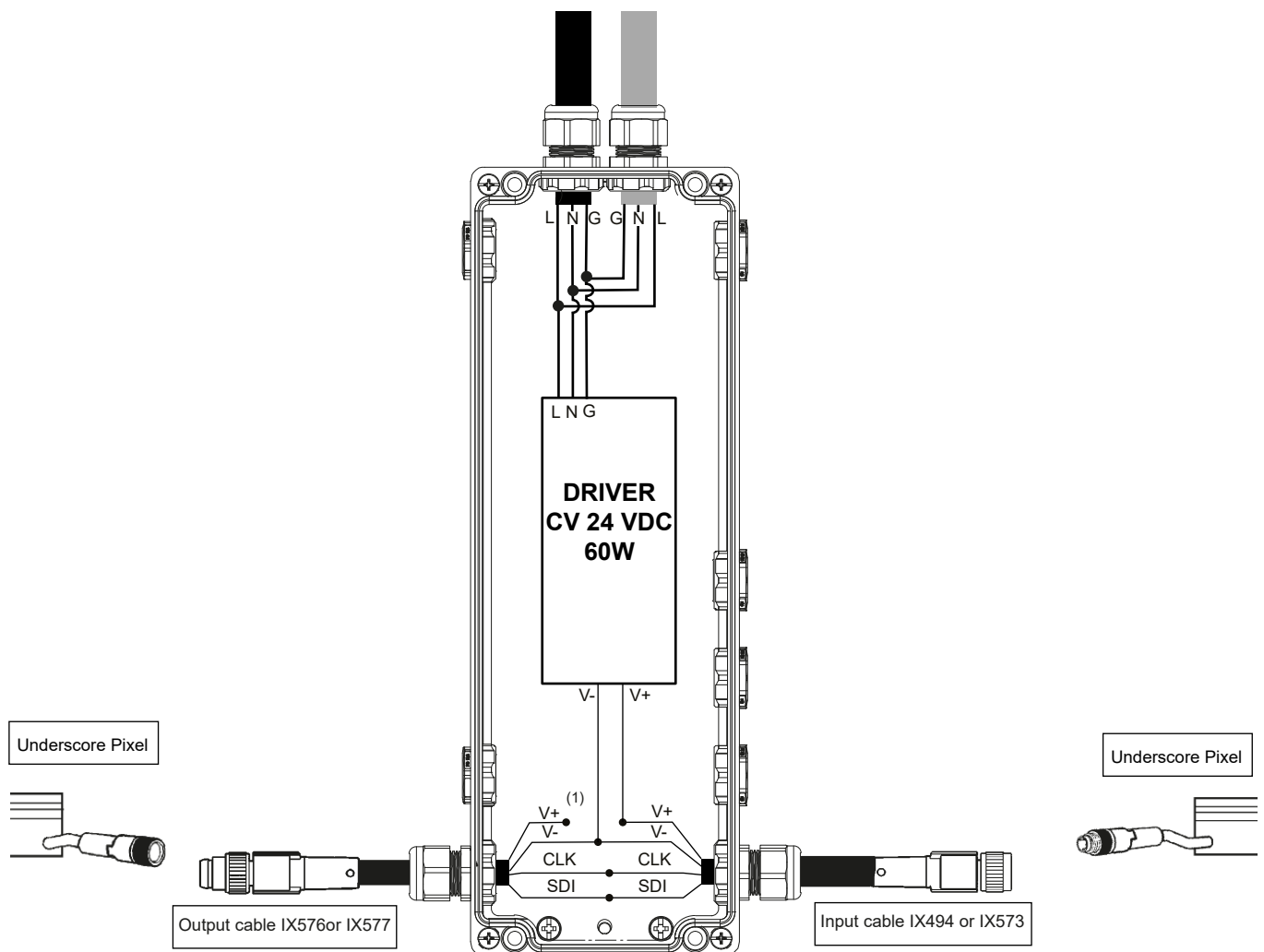
V+ V- CLK SDI

Input cable IX494 or IX573

Underscore Pixel

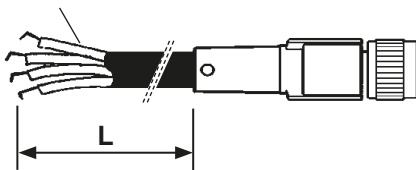
WIRING 4549-0024A-060-UNV-ND (detail B)

POWER INPUT OPTIONAL DAISY CHAIN



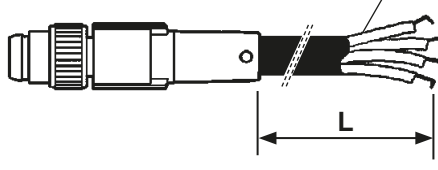
CONNECTION ACCESSORIES

INPUT CABLE
4 x 24AWG



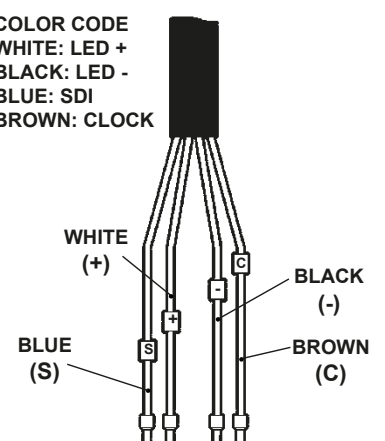
Art	Length
X494	4.5" (115mm)
X573	5' (1500mm)

OUTPUT CABLE
4x24AWG



Art	Length
X576	4.5" (115mm)
X577	5' (1500mm)

COLOR CODE
WHITE: LED +
BLACK: LED -
BLUE: SDI
BROWN: CLOCK

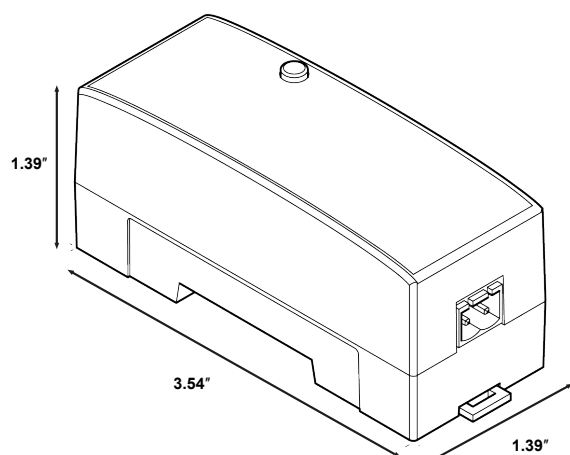


QUANTITY OF PRODUCTS / DATA INTERFACE

art. 4640

SDI module

Maximum DMX addresses: 1024



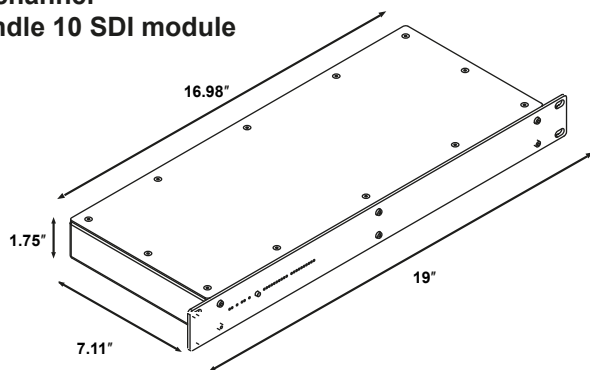
ART	L	DMX address quantity	R/G/B/W pixel quantity	Total products on SDI module 4640
E259	1.1' (337)	16	4	64
E267	1.7' (504)	24	6	42
E268	2.2' (671)	32	8	32
E269	2.7' (837)	40	10	25
E270	3.3' (1004)	48	12	21
E271	6.6' (2004)	96	24	10
E272	9.9' (3004)	144	36	7
E273	13.1' (4004)	192	48	5
E274	16.4' (5004)	240	60	4
E275	23' (7004)	336	84	3

art. 4641

EDN Data node

10 channel

Handle 10 SDI module

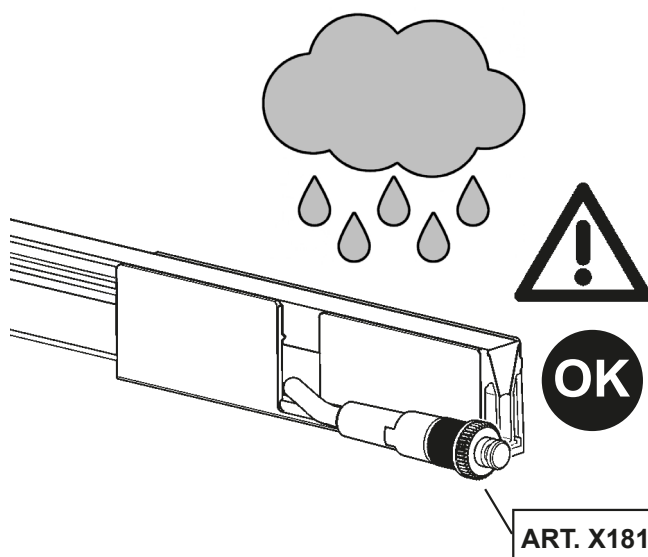
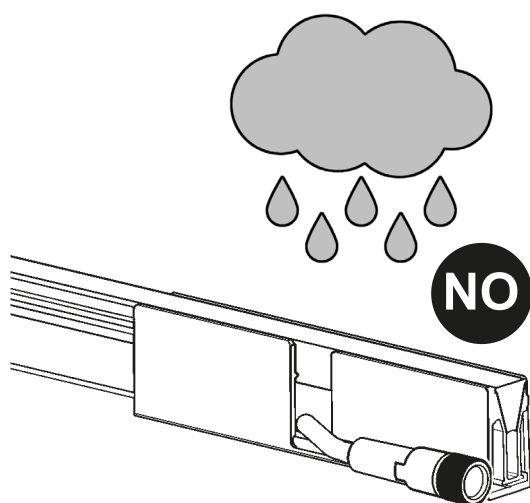
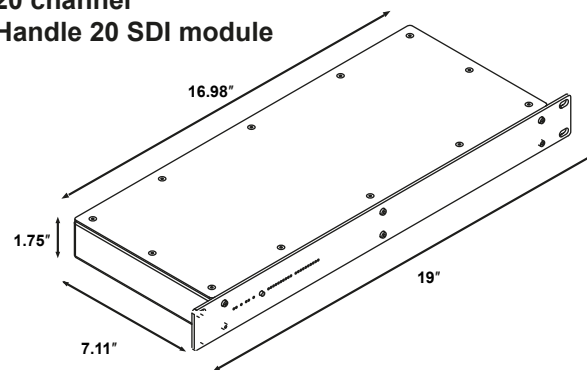


art. 4642

EDN Data node

20 channel

Handle 20 SDI module





- EN** The degree of protection offered by the system is only guaranteed if the installation is completed correctly.
- FR** L'indice de protection du système n'est assuré que si les opérations d'installation sont effectuées correctement.
- ES** El grado de protección del sistema está garantizado siempre y cuando las operaciones de instalación se lleven a cabo correctamente.
- IT** Il grado di protezione del sistema è garantito soltanto se si effettuano correttamente le operazioni di installazione.

- EN** The performance level and safety of the lighting fixture are only guaranteed for oscillations of $\pm 5\%$ in the current, in relation to the nominal value.
Conformity with the standard is guaranteed only if iGuzzini driver assemblies are used.
When using other drivers, contact iGuzzini for any additional technical information
- FR** Les performances et la sécurité de l'appareil ne sont assurées que pour des oscillations de courant de $\pm 5\%$ par rapport à la valeur nominale.
La conformité à la norme n'est assurée qu'en cas d'utilisation de blocs drivers iGuzzini.
Si vous utilisez des drivers différents, pour toute information technique supplémentaire, veuillez contacter iGuzzini
- ES** Las prestaciones y la seguridad del aparato están garantizada solamente con oscilaciones de la corriente del $\pm 5\%$ respecto al valor nominal.
La conformidad a la norma se garantiza solamente con el uso de grupos driver iGuzzini.
Voor het gebruik van andere drivers dient u contact op te nemen met iGuzzini voor alle verdere technische informatie
- IT** Le prestazioni e la sicurezza dell'apparecchio sono garantite soltanto per oscillazioni della corrente del $\pm 5\%$ rispetto al valore nominale.
La conformità alla norma è garantita soltanto utilizzando gruppi driver iGuzzini.
Nel caso di utilizzo di driver diversi, per tutte le informazioni tecniche aggiuntive, contattare la iGuzzini

- EN NB:** clean the screens exclusively using water and methylated spirits.
- FR N.B. :** pour le nettoyage éventuel des écrans, utiliser uniquement de l'eau et de l'alcool.
- ES Nota:** Para la limpieza de las pantallas utilizar exclusivamente agua y alcohol.
- IT N.B.:** Per l'eventuale pulizia degli schermi, utilizzare esclusivamente acqua ed alcool.

- EN** The products are are subject to thermal expansion as a result of the changes in temperature to which they are subject. This thermal expansion must be taken into account in installations subject to a wide range of temperatures.
- FR** Les produits peuvent subir des dilatations thermiques selon les écarts de température auxquels ils sont soumis. Il faut tenir compte de ces dilatations en cas d'installations avec de vastes écarts de température.
- ES** Los productos pueden verse sujetos a dilataciones térmicas si se ven sometidos a cambios bruscos de temperatura. Tenga en cuenta estas dilataciones en caso de instalaciones con cambios bruscos de temperatura.
- IT** Gli art. , sono soggetti a dilatazioni termiche in funzione delle escursioni di temperatura alle quali sono sottoposte. Considerare questa eventualità nel caso di installazioni con alte escursioni.

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www.iguzzini.com/us
VL 29.05.2025

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via Mariano Guzzini, 37 - 62019 Recanati Italy