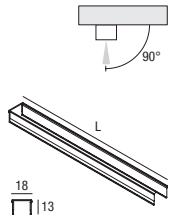


Abmessungen | Dimensions | Dimensioni | Medidas | Dimensions

ALL CHANNELS AND ENDCAPS WITHOUT DRILLINGS

NANO Channel 90

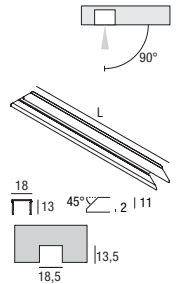


L (MM)
300 600 900 1200 3000

NANO Endcap 90



NANO Channel 90 bevel cut

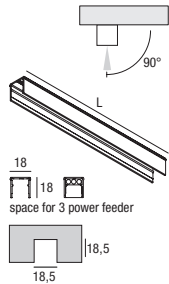


L (MM)
300 600 900 1200

NANO turn Endcap bevel cut



NANO 90+

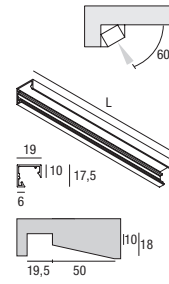


L (MM)
300 600 900 1200 3000

NANO Endcap 90+



NANO Channel 60

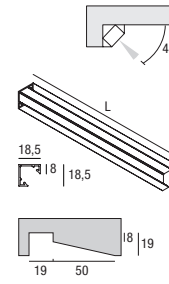


L (MM)
300 600 900 1200 3000

NANO Endcap 60



NANO Channel 45

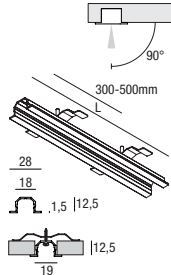


L (MM)
300 600 900 1200 3000

NANO Endcap 45



NANO Channel frame

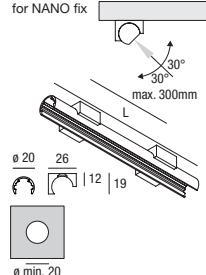


L (MM)
300 600 900 1200 3000

NANO Endcap frame



NANO Channel tube fix for NANO fix

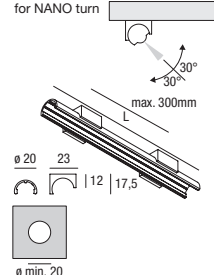


L (MM)
300 600 900 1200 3000

NANO Endcap tube fix



NANO Channel tube turn for NANO turn

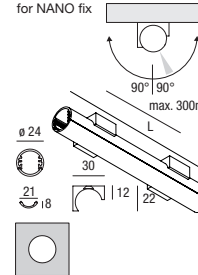


L (MM)
300 600 900 1200 3000

NANO Endcap tube turn



NANO Channel tube cover for NANO fix

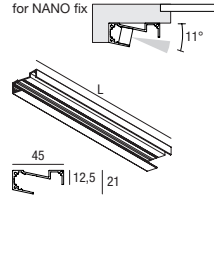


L (MM)
300 600 900 1200 3000

NANO Endcap tube cover



NANO Channel 11 for NANO fix



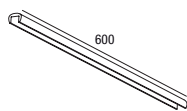
L (MM)
300 600 900 1200 3000

NANO Endcap 11

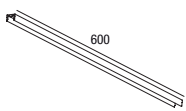


FOR CHANNEL RECESSED: ADD IN GENERAL 1MM | AND ADD FOR TEMPERATURE EXPANSION +1MM PER METER | OPTIONAL ADD 2X1MM FOR END CAPS

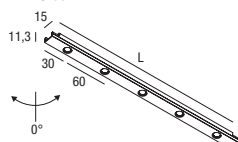
NANO Blindcover turn



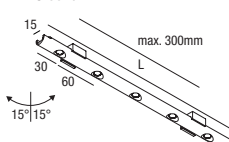
NANO Blindcover fix



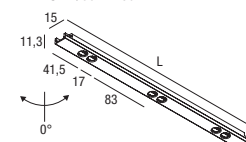
NANO 60 fix



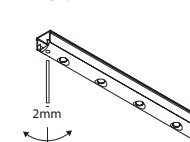
NANO 60 turn



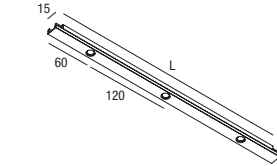
NANO 17/83 mixed fix



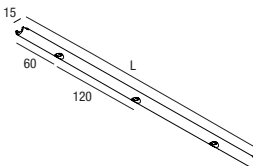
NANO turn



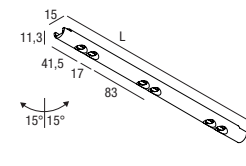
NANO 120 fix



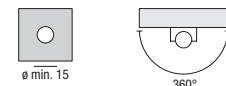
NANO 120 turn



NANO 17/83 mixed turn



X (MM)	L (MM)
60	120 180 240 300 360 600
120	120 240 360 480 600
17/83	300 600

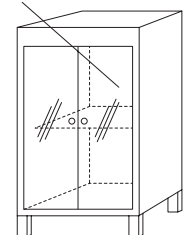


Fixing device turn

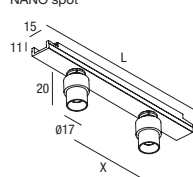


Notice that all NANO cables shall be strain relieved on site and protected against any force !

Temp. amb.
max. 35° C

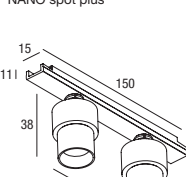


NANO spot



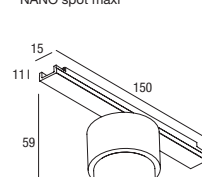
X (MM)	L (MM)
middle	150
75	150
150	300

NANO spot plus



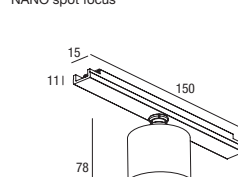
X (MM)	L (MM)
middle	150
75	150
150	300

NANO spot maxi



X (MM)	L (MM)
middle	150
75	150
150	300

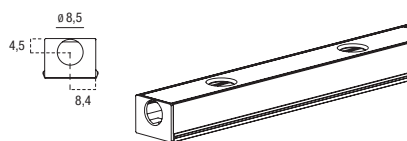
NANO spot focus



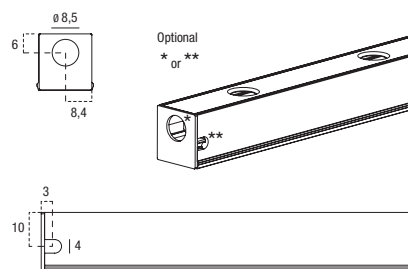
X (MM)	L (MM)
middle	150
75	150
150	300

ALL CHANNELS AND ENDCAPS WITHOUT DRILLINGS

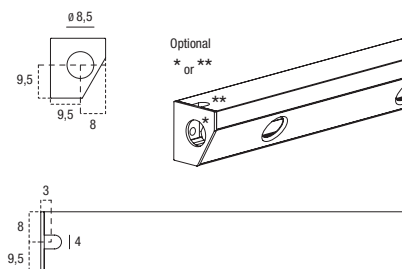
Cable bushing
Channel 90



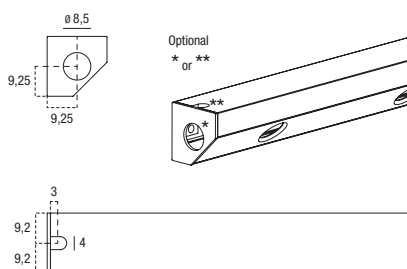
Channel 90+



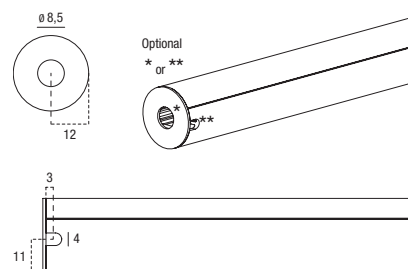
Channel 60



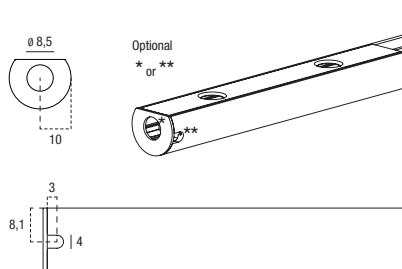
Channel 45



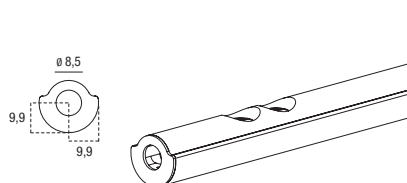
Channel Tube Cover



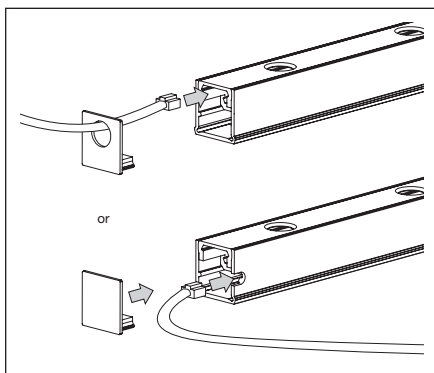
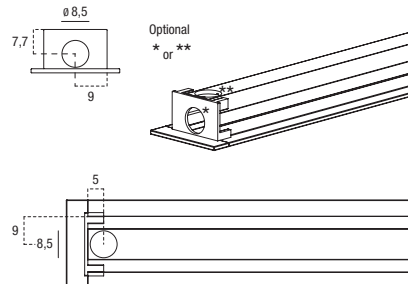
Channel Tube fix



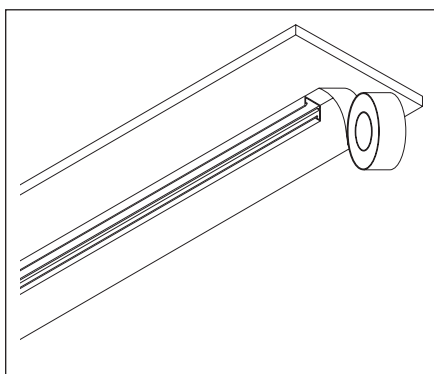
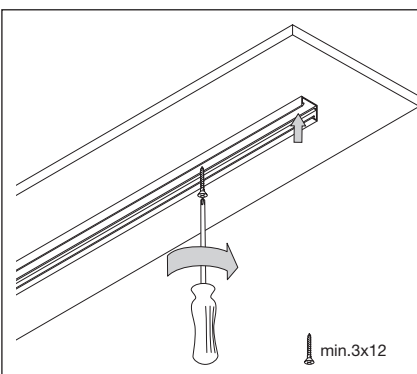
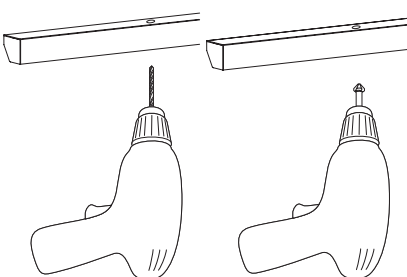
Channel Tube turn



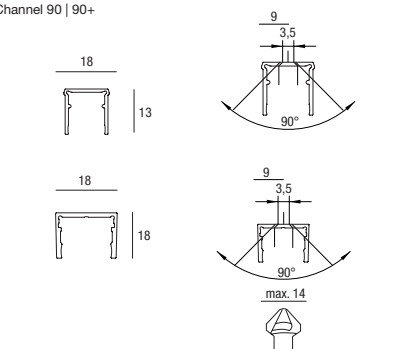
Channel Frame



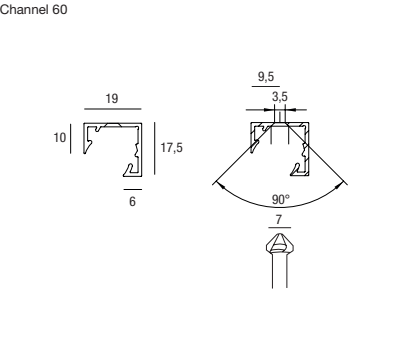
Channel 90 | 90+ | 60 | 45 | 11 | frame



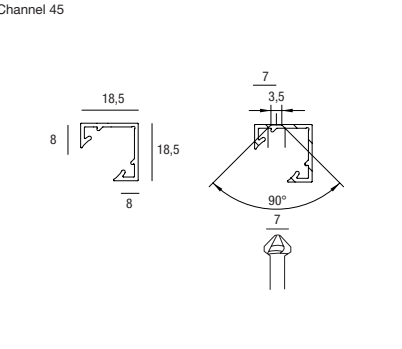
Channel 90 | 90+

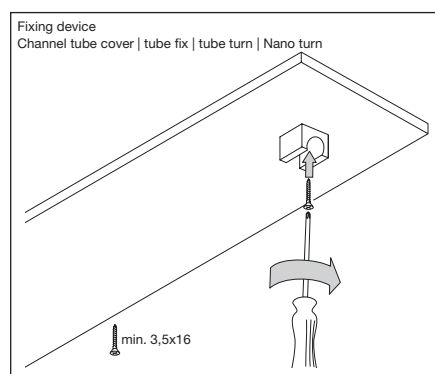
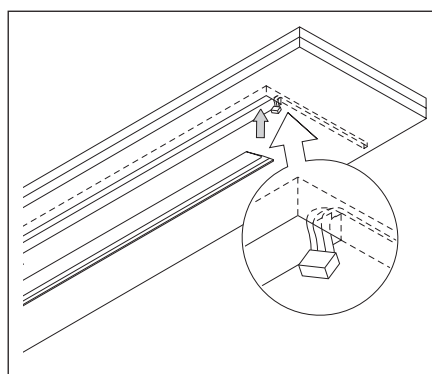
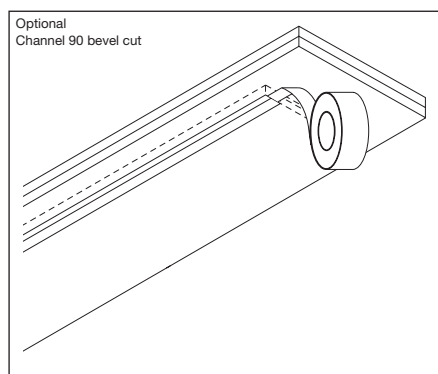
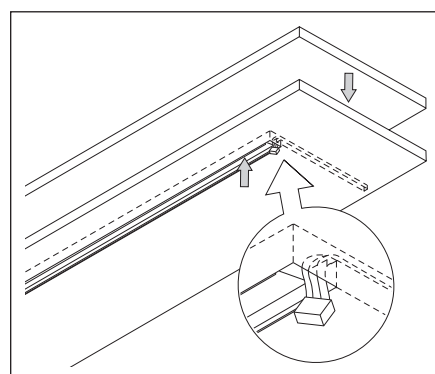
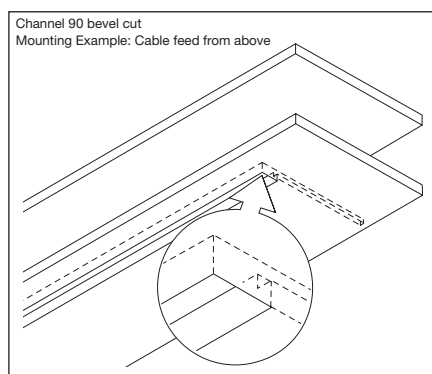
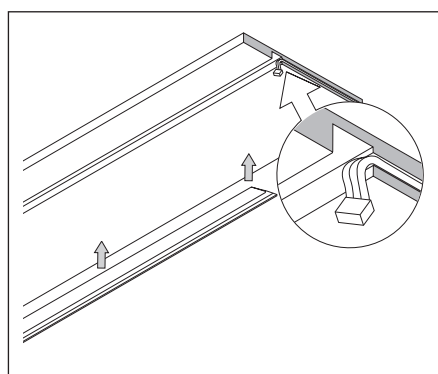
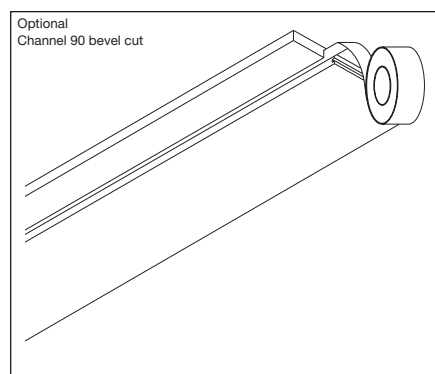
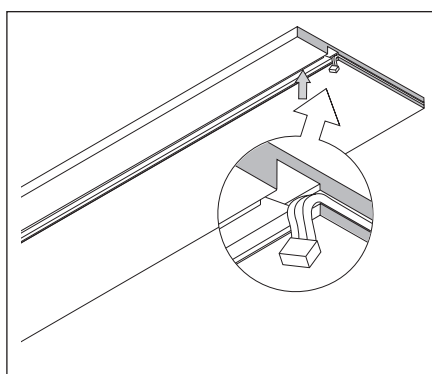
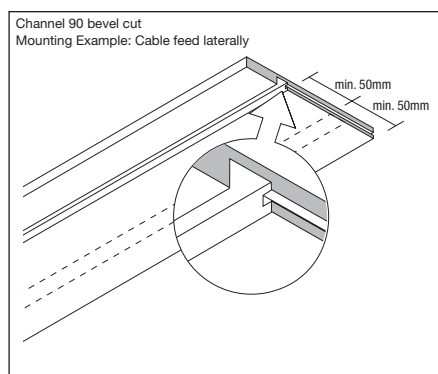
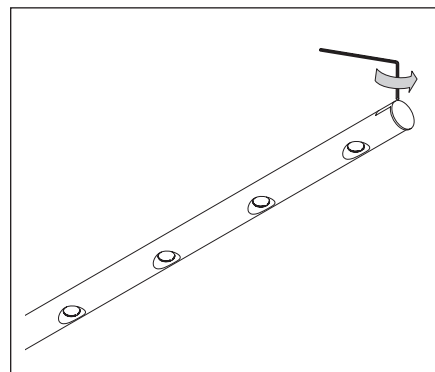
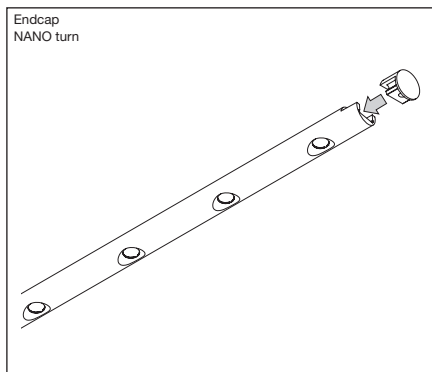
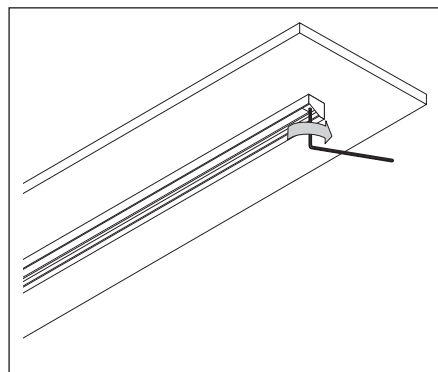
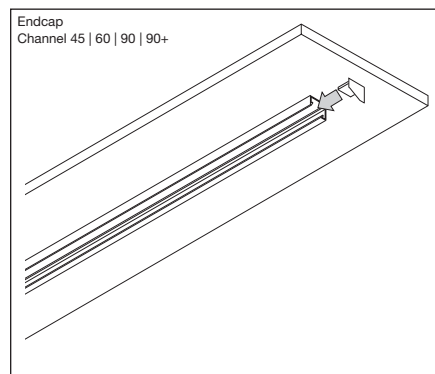
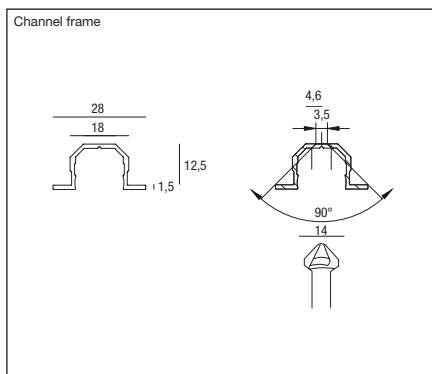
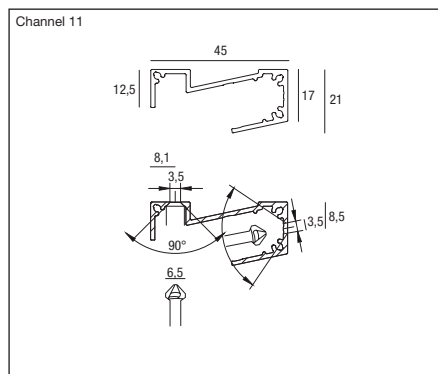


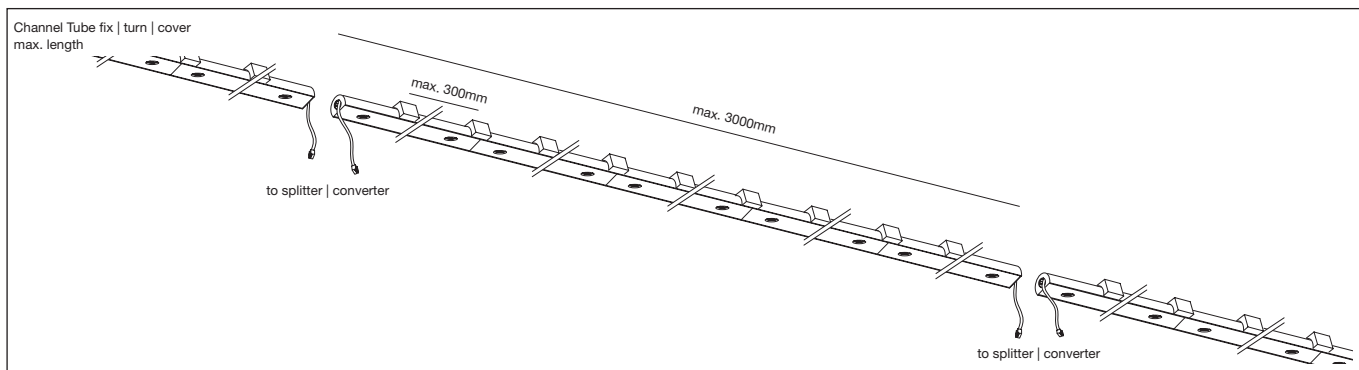
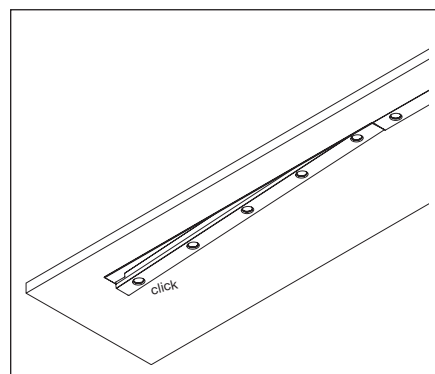
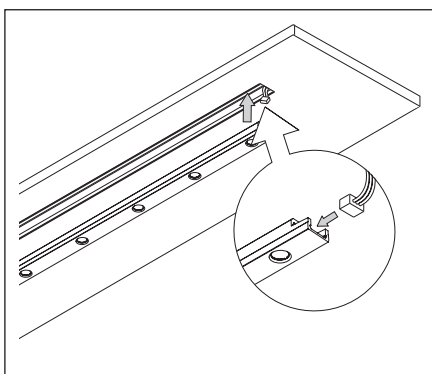
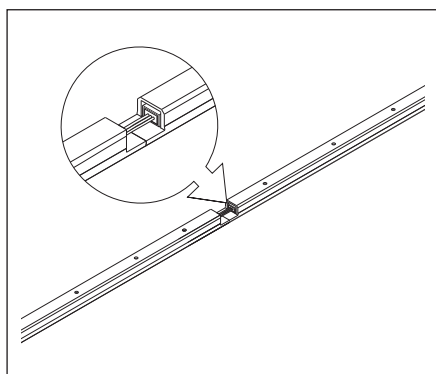
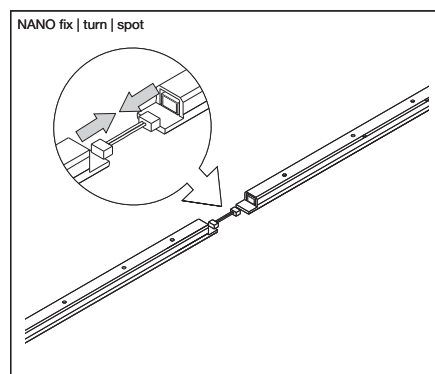
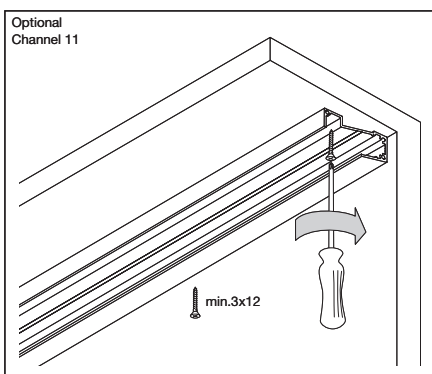
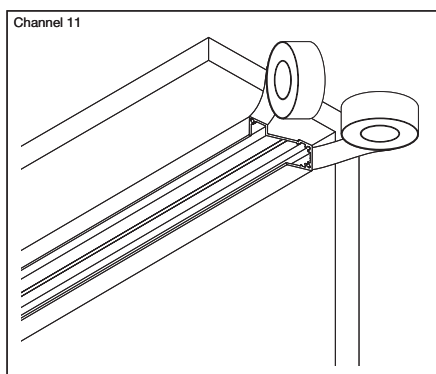
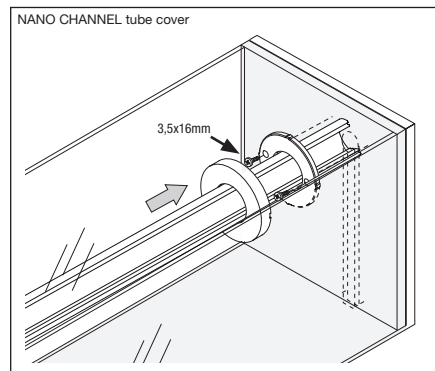
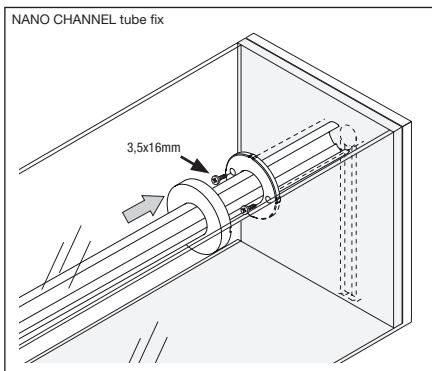
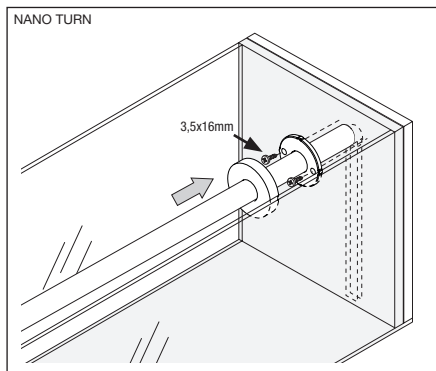
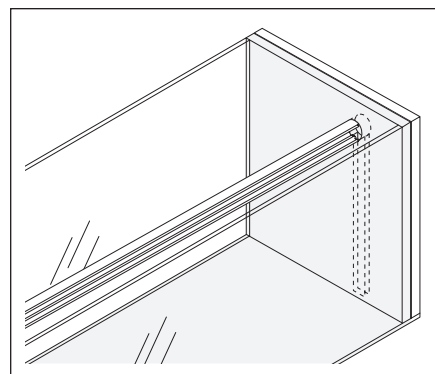
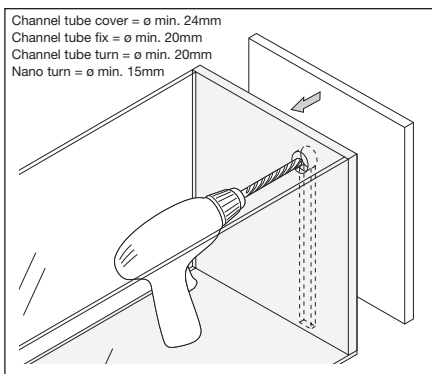
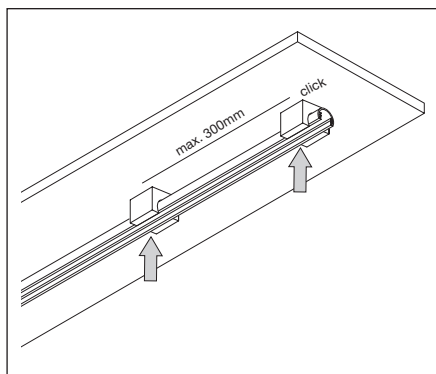
Channel 60



Channel 45



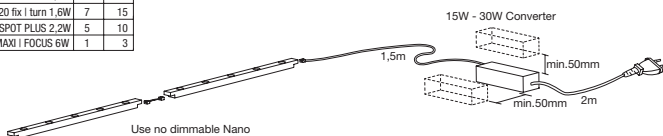




No dimmable

Max. number of LED

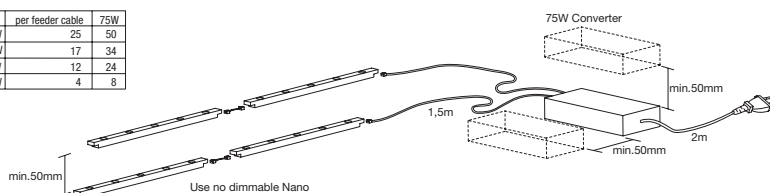
	15W	30W
NANO 60 fix turn spot wallwasher 1,1W	10	20
NANO 120 fix turn 1,6W	7	15
NANO SPOT PLUS 2,2W	5	10
NANO SPOT MAXI FOCUS 6W	1	3



No dimmable | 2 Power cable

Max. number of LED

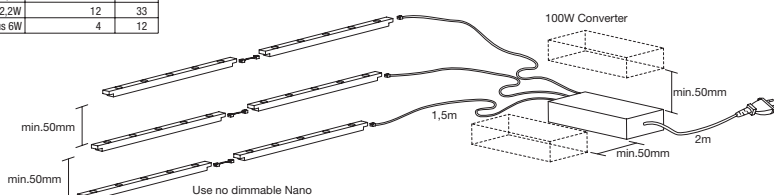
	per feeder cable	75W
NANO 60 fix turn spot wallwasher 1,1W	25	50
NANO 120 fix turn 1,6W	17	34
NANO spot plus 2,2W	12	24
NANO spot maxi focus 6W	4	8



No dimmable | 3 Power cable

Max. number of LED

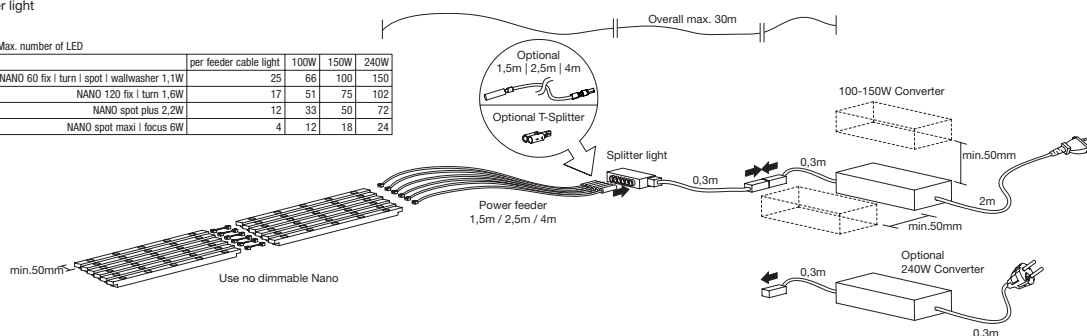
	per feeder cable	100W
NANO 60 fix turn spot wallwasher 1,1W	25	66
NANO 120 fix turn 1,6W	17	51
NANO spot plus 2,2W	12	33
NANO spot maxi focus 6W	4	12



No dimmable | Splitter light

Max. number of LED

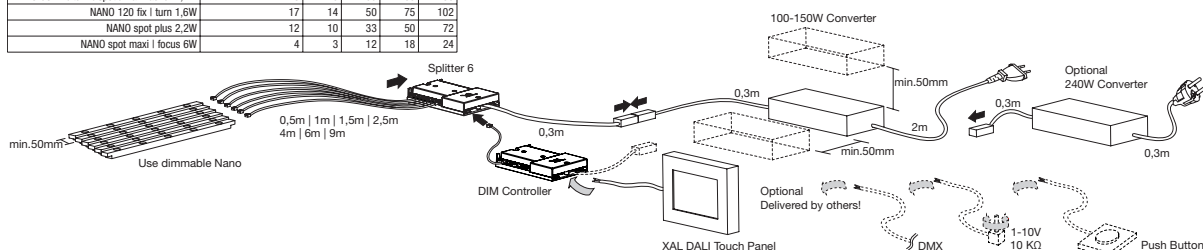
	per feeder cable light	100W	150W	240W
NANO 60 fix turn spot wallwasher 1,1W	25	66	100	150
NANO 120 fix turn 1,6W	17	51	75	102
NANO spot plus 2,2W	12	33	50	72
NANO spot maxi focus 6W	4	12	18	24



Dimmable | Splitter 6

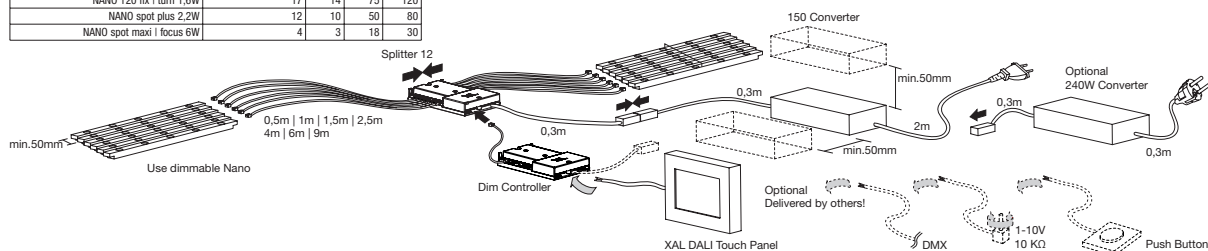
Max. number of LED

	per feeder cable	100W	150W	240W
	0,5; 1; 1,5; 2,5; 4; 6m	9m		
NANO 60 fix turn spot wallwasher 1,1W	25	20	66	100
NANO 120 fix turn 1,6W	17	14	50	75
NANO spot plus 2,2W	12	10	33	50
NANO spot maxi focus 6W	4	3	12	18

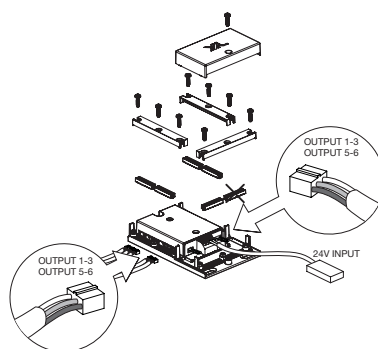
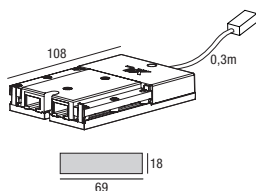


Dimmable | Splitter 12

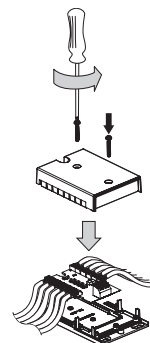
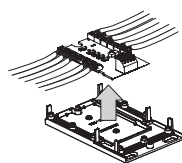
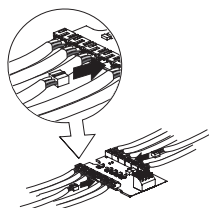
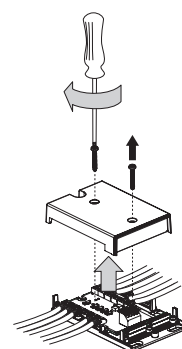
Max. number of LED	per feeder cable			
	0,5; 1; 1,5; 2,5; 4; 6m	9m	150W	240W
NANO 60 fix turn spot wallwasher 1.1W	25	20	100	160
NANO 120 fix turn 1.6W	17	14	75	120
NANO spot plus 2.2W	12	10	50	80
NANO spot maxi focus 6W	4	3	18	30



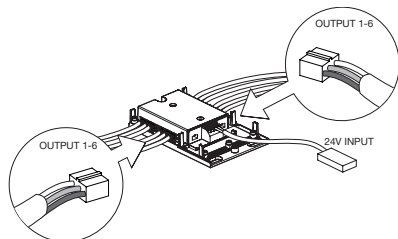
SPLITTER 6 | 2x6 | 12



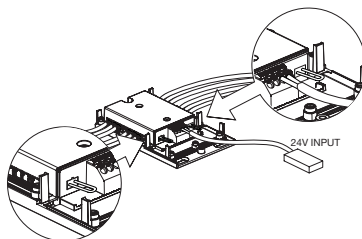
Optional
OUTPUT 4



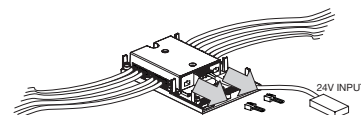
Splitter 6 / 2x6 / 12



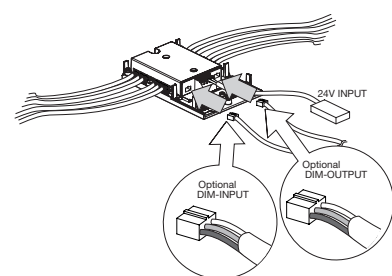
Optional Splitter NON DIM USE



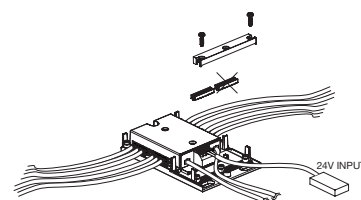
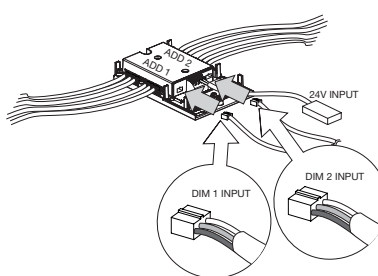
Splitter 6 / 12 DIM USE

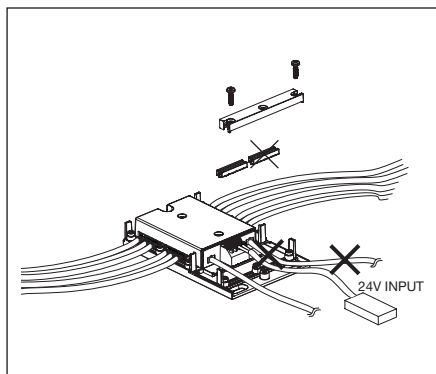


Splitter 6 / 12 DIM USE



Optional Splitter 2x6 DIM USE





D Die Montage und Inbetriebnahme darf nur von autorisiertem Fachpersonal unter Berücksichtigung dieser Montageanleitung und aller für den jeweiligen Anwendungsbereich geltenden Normen und Vorschriften durchgeführt werden. Stellen Sie die elektrische, mechanische und thermische Eignung der Leuchte für den vorgesehenen Anwendungsbereich sicher und überprüfen Sie nach der Montage die sichere Befestigung der Leuchte. Schalten Sie vor jedem Leuchtmittelwechsel und vor allen sonstigen Arbeiten an der Leuchte (z.B. Reinigung) die Netzspannung ab und warten Sie bis Leuchte und Leuchtmittel vollständig abgekühlt sind. Berücksichtigen Sie die Montagehinweise des Leuchtmittelherstellers beim Einsetzen, Wechseln und Betreiben der Leuchtmittel. Verwenden Sie für die Reinigung der Leuchte ein weiches, feuchtes Tuch. Für die Reinigung von Kunststoffteilen und Reflektoren können Sie zusätzlich einen handelsüblichen pH - neutralen, alkoholfreien, nicht scheuernden Reiniger verwenden. Bewahren Sie diese Montageanleitung für allfällige Wartungsarbeiten gut auf. Die Leuchte darf unter keinen Umständen durch wärme dämmende Abdeckungen oder ähnliche Werkstoffe abgedeckt werden. Die Leuchte ist nicht für den Außenbereich geeignet. Bei nachträglichen Änderungen an der Leuchte wird keine Haftung übernommen.

E Installation and commissioning may only be performed by authorized and qualified personnel, taking into consideration this Installation Instructions and any standards and regulations applicable to the respective area of application. The electrical, mechanical and thermal suitability of the lamp for the intended area of application must be ensured and the secure fastening of the lamp after its installation must be controlled. Turn off supply voltage before replacing any illuminants as well as before performing any other works on the lamp (e.g. cleaning) and wait until lamp and illuminant have completely cooled off. Please refer to the installation notes of the illuminant manufacturer when inserting, replacing and operating illuminants. Use a soft, damp cloth to clean the lamp. To clean plastic components and reflectors, a standard pH neutral, alcohol-free, non-abrasive cleaning agent may also be used. Keep this Installation Instructions in a safe place as reference for any future maintenance works. Never cover the lamp with heat-insulated covers or similar materials. The lamp is not suitable for outdoor use. No liability is accepted for any subsequent change of the luminaire.

I Il montaggio e la messa in funzione possono essere effettuati solo da tecnici autorizzati, nel rispetto delle presenti istruzioni di montaggio e di tutte le norme e disposizioni vigenti per il relativo campo di applicazione. Assicurarsi dell'adeguatezza elettrica, meccanica e termica della lampada per il campo di applicazione previsto e verificare dopo il montaggio che la lampada sia fissata saldamente. Prima di ogni sostituzione del corpo luminoso e prima di ogni intervento sulla lampada (ad esempio pulizia) staccare la tensione di rete e aspettare fino al completo raffreddamento della lampada e del corpo luminoso. Rispettare le istruzioni di montaggio del relativo produttore per l'impiego, la sostituzione e l'azionamento del corpo luminoso. Per la pulizia della lampada utilizzare un panno morbido e umido. Per la pulizia delle parti in plastica e dei riflettori si può utilizzare inoltre un detergente normale a pH neutro, senza alcool, non abrasivo. Conservare le presenti istruzioni di montaggio in buone condizioni per eventuali interventi di manutenzione. La lampada non deve essere in nessun caso coperta con coperture isolanti o materiali similari. La lampada non è adatta per uso esterno. Si declina qualsiasi responsabilità per modifiche successive alla lampada.

ES La instalación y la puesta en marcha sólo debe realizarse por personal especializado considerando esta guía de instalación y todas las normas vigentes. Asegurarse de la aptitud eléctrica, mecánica y térmica de la luminaria para la aplicación y comprobar la fijación segura de la luminaria después de su instalación. Apagar la corriente siempre antes de cambiar la lámpara o de realizar algún trabajo en esta (p.ej. Limpieza). Esperar hasta que se enfríe la luminaria y la lámpara completamente. Tener en cuenta las instrucciones de montaje del fabricante al poner, cambiar y usar la lámpara. Para la limpieza de la luminaria utilizar una tela suave húmeda. Para limpiar componentes de plástico y reflectores puede usar también un limpiador neutral sin alcohol que no roce el material. Guardar esta guía de instalación para trabajos de mantenimiento. Nunca tapar la luminaria con recubrimientos aislantes térmicos o materiales similares. La luminaria no es apta para utilizarla en el exterior. Para modificaciones futuras en la luminaria no se asume ninguna responsabilidad.

F Le montage seulement peut être effectué par spécialistes respectant les normes y règles valides. Assurer l'aptitude thermique, mécanique et électrique pour l'emploi prévue et assurer la fixation de la luminare. Éteindre la tension avant de changer les lampes ou avant de réaliser travaux (p.ex nettoyage) à la luminare. Attendre jusqu'à ce que la luminare et les lampes ont fraîchi complètement. Respecter les indications de montage du fabricant quand vous changez, installez et utilisez les agent lumineux. Pour nettoyer la luminare utiliser un drap humide et doux. Pour nettoyer les parties du plastique ou les réflecteurs on peut utiliser encore un produit de nettoyage sans alcool qui ne fraye pas le matériel. Garder cette notice de montage pour possibles travaux de maintenance. Jamais couvrir la luminare avec matériaux qui fonctionnent de barrières thermiques. La luminare n'est pas apte pour l'utilisation extérieure. Nous déclinons toute responsabilité en cas de modifications ultérieures.



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Classe di protezione III con alimentazione SELV!
Grado de protección III con alimentación SELV!
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Zastitna klasa III mit SELV zbrinjavanjem.

IP 20

IP20 Abgedeckt
IP20 Covered
IP20 Coperto
IP20 Cubierta
IP20 Recouvert

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