



Panneau LED

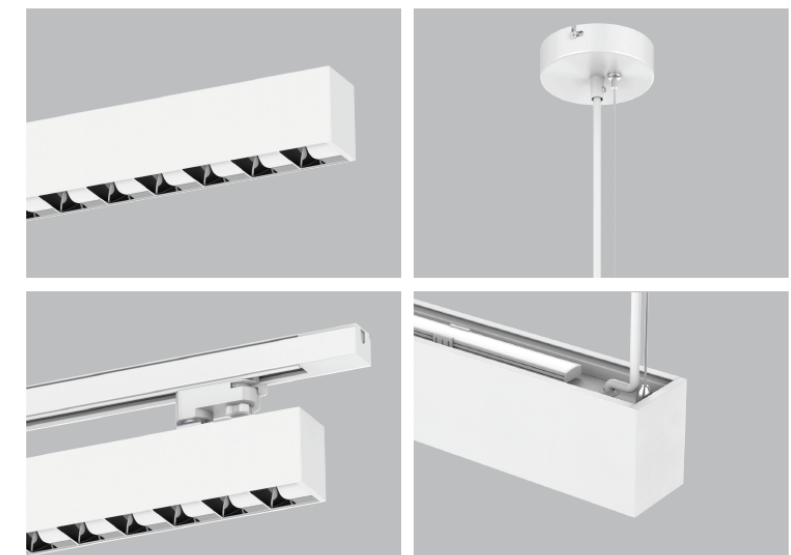
SOS-DB77B

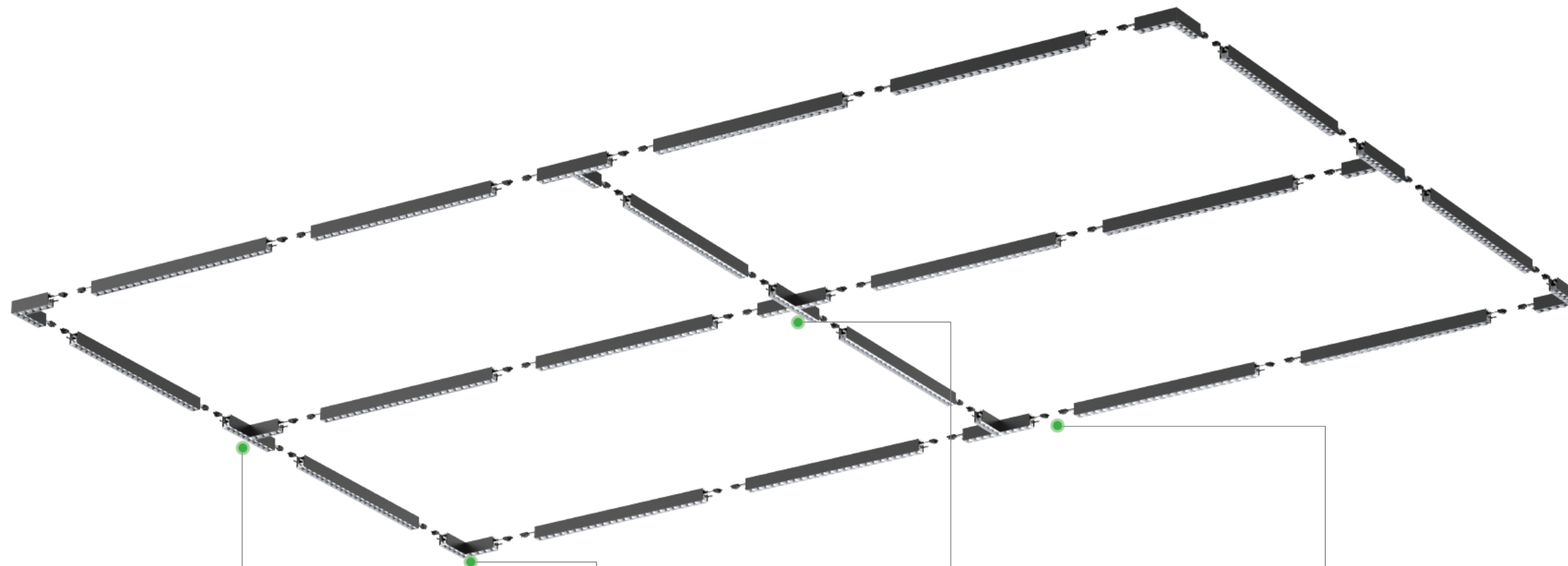
SOS-DB77B est doté d'une conception de raccordement sans soudure avec un **connecteur de raccordement** droit/corner/cross, il peut réaliser une **connexion** très pratique avec une prise mâle et femelle. Il adopte une source lumineuse SMD à haute **luminosité**, un réflecteur à grille en PC avec effet anti-éblouissant UGR<19, un pilote sans scintillement et à haute **efficacité** pour un meilleur rendement lumineux. Le boîtier en aluminium assure une excellente gestion thermique.

SOS-DB77B peut être utilisé dans les centres commerciaux, les bureaux, les parkings, les gares et les habitations.

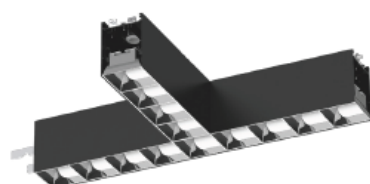
Caractéristiques

- Installation multiple : Montage suspendu/surface/mural/encastré/rail/éclatement.
- Conception modulaire avec pilote remplaçable, module d'éclairage vers le haut.
- Jonction sans faille avec des connecteurs droits "-"/coins "L"/coins "T"/coins "+".
- Efficacité lumineuse élevée, 100lm/w.
- Réflecteur à grille de 65 degrés avec UGR<19.
- CCT interchangeable (3000/4000/5700K) avec interrupteur à glissière.
- Pilote non dim/DALI/1-10V dim sans scintillement.
- Effet de lumière vers le haut et vers le bas pour une installation murale ou suspendue.

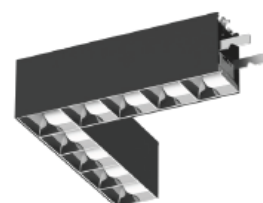




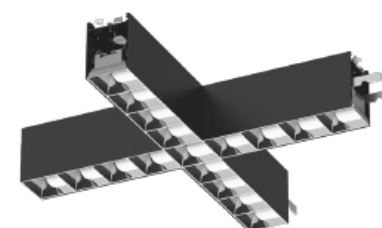
"T" shape
 ACC-DB778-WT-04
 ACC-DB778-WT-C3-04
 ACC-DB778-WT-DA-04
 ACC-DB778-WT-DAP3-04



Corner "L"
 ACC-DB778-WT-03
 ACC-DB778-WT-C3-03
 ACC-DB778-WT-DA-03
 ACC-DB778-WT-DAP3-03



Cross "+"
 ACC-DB778-WT-02
 ACC-DB778-WT-C3-02
 ACC-DB778-WT-DAP3-02
 ACC-DB778-WT-DA-02

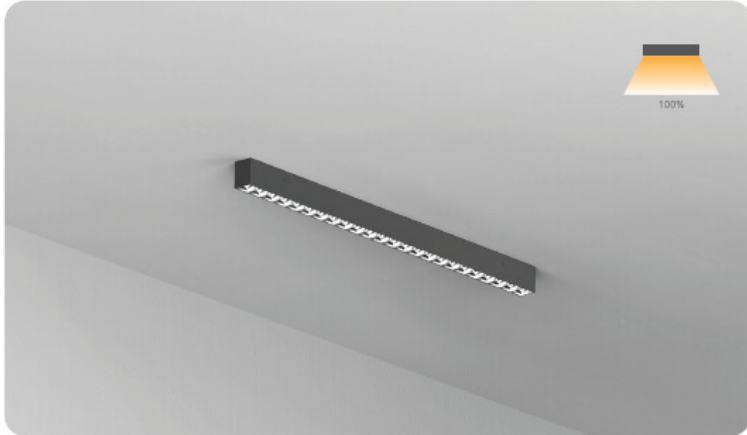
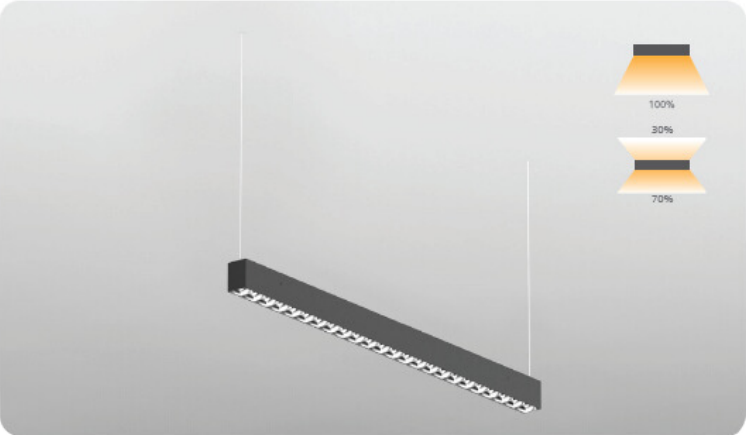
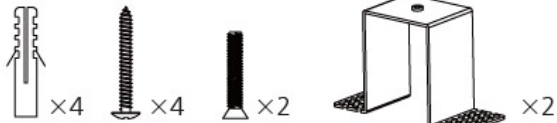
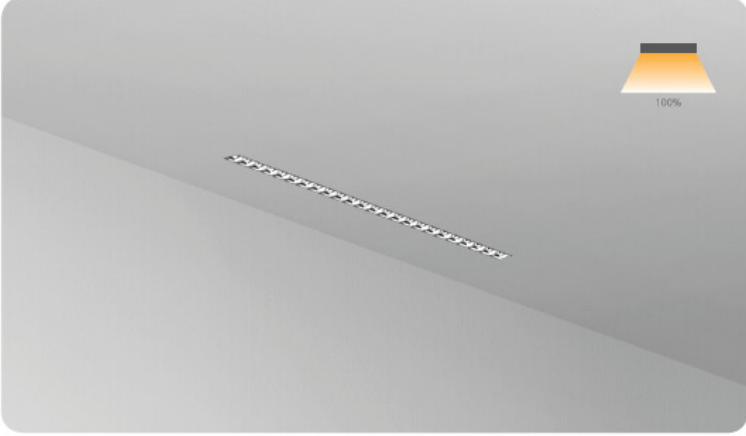
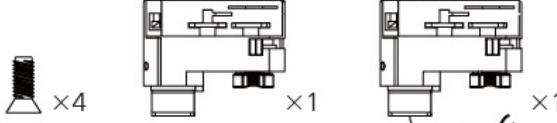


Strengthen connector
 (used for suspended, track splicing)



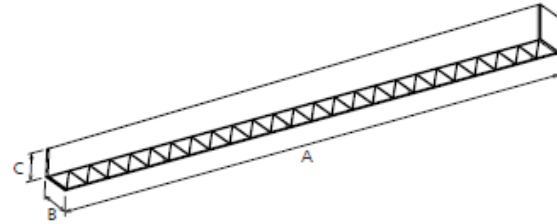
included in luminaire

Accessory

Surface Mount	Pendant without ceiling plate	Pendant with ceiling plate
 ×2 ×2 Accessory included 	 ×2 ×2 ×2 ×2 ×2 ×2 	 ×3 ×3 ×1 ×2 ×2 ×2 ×1 ON/OFF Version: ACC-DB66-WT/BK-0200 DALI/1-10V Version: ACC-DB66-WT/BK-DA/D0-0200 
Wall Mount	Recessed	Track
 ×2 ×2 ×4 ×2 ×2 	 ×4 ×4 ×2 ×2 ACC-DB66-WT/BK-0300 	 ×4 ×1 ×1 ON/OFF Version: ACC-DB77A-WT-0500 DALI/1-10V Version: ACC-DB77A-WT-DA/DO-0500 

Measurement

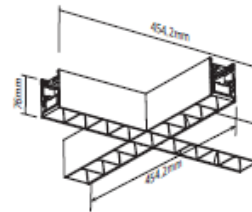
DB77B



Code	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GF (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
DB77B-1200	1212	57	76	1212*57*76	2.3	2.7	13.8	17.2	127*31*25.5	6	1440	3780
DB77B-1500	1512	57	76	1512*57*76	2.8	3.3	16.8	21	157*31*25.5	6	1152	3060
DB77B-1800	1812	57	76	1812*57*76	3.4	4	20.4	25.5	187*31*25.5	6	1008	2580
DB77B-2400	2412	57	76	2412*57*76	4.5	5.4	9.0	12.4	248*22.5*14.5	2	540	1224

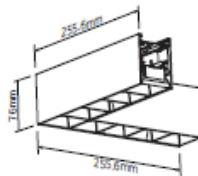
ACC-DB77B

Cross "+"
ACC-DB77B-WT-02
ACC-DB77B-WT-C3-02
ACC-DB77B-WT-DAP3-02
ACC-DB77B-WT-DA-02



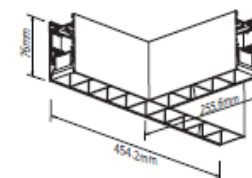
Code	Size(mm)	Carton Size(cm)	Qty/CTN
Cross "+"	454.2*454.2*76	53*47*48	6
N.W/PC(Kg)	G.W/PC(Kg)	N.W/CTN(Kg)	G.W/CTN(Kg)
1.5	1.75	9	11.8

Corner "L"
ACC-DB77B-WT-03
ACC-DB77B-WT-C3-03
ACC-DB77B-WT-DA-03
ACC-DB77B-WT-DAP3-03



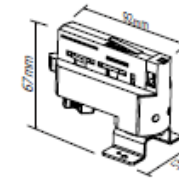
Code	Size(mm)	Carton Size(cm)	Qty/CTN
Corner "L"	255.6*255.6*76	53*27*28	6
N.W/PC(Kg)	G.W/PC(Kg)	N.W/CTN(Kg)	G.W/CTN(Kg)
0.9	1.05	5.4	7.2

"T" shape
ACC-DB77B-WT-04
ACC-DB77B-WT-C3-04
ACC-DB77B-WT-DA-04
ACC-DB77B-WT-DAP3-04



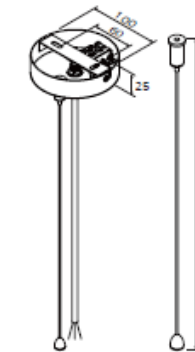
Code	Size(mm)	Carton Size(cm)	Qty/CTN
"T" shape	454.2*255.6*76	53*47*28	6
N.W/PC(Kg)	G.W/PC(Kg)	N.W/CTN(Kg)	G.W/CTN(Kg)
1.2	1.4	7.2	9.5

ACC-DB77A-WT-0500
ACC-DB77A-WT-DA/DO-0500

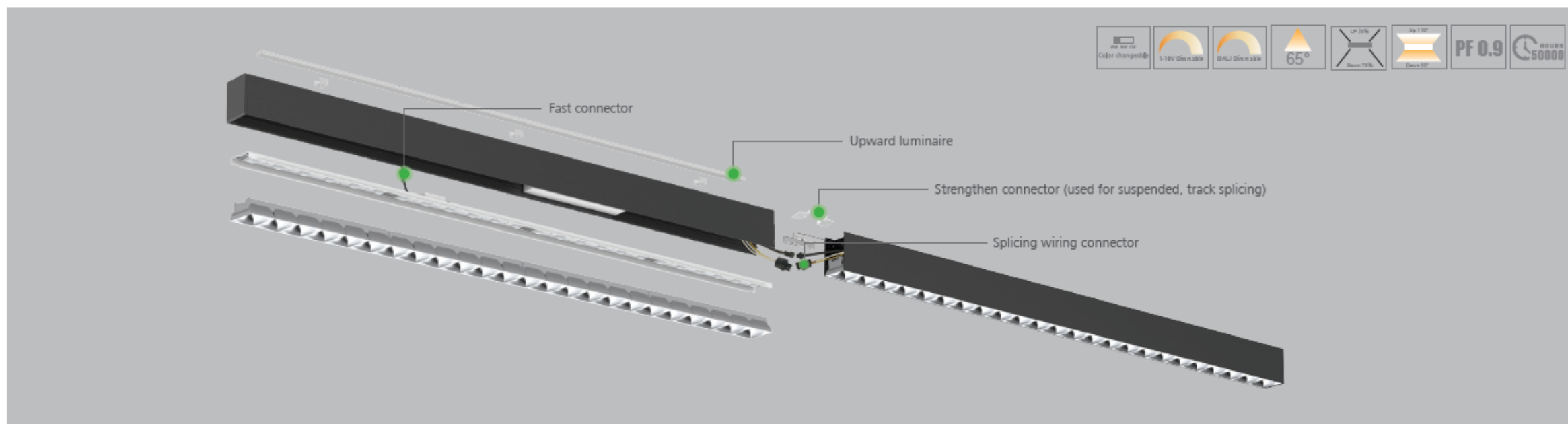


Code	Size(mm)	Carton Size(cm)	Qty/CTN
ACC-DB77A-0500	92*53*67	50*30*37.5	40
N.W/PC(Kg)	G.W/PC(Kg)	N.W/CTN(Kg)	G.W/CTN(Kg)
0.23	0.28	9.2	12.3

Ceiling plate
ACC-DB66-WT/BK-0200
ACC-DB66-WT/BK-DA/DO-0200



Code	Size(mm)	Carton Size(cm)	Qty/CTN
ACC-DB66-0200	100*25*1500	40*26*27	24
N.W/PC(Kg)	G.W/PC(Kg)	N.W/CTN(Kg)	G.W/CTN(Kg)
0.27	0.31	6.48	7.82



Technical Data Sheet

Code No.		D8778-1200-36W	D8778-1200-48W	D8778-1500-45W	D8778-1500-60W	D8778-1800-54W	D8778-1800-65W	D8778-2400-72W	D8778-2400-96W	Corner "L"	Corner "T"	Corner "+"	Corner "+"(DALI)	
Dimension(mm)		1212*57*76	1212*57*76	1512*57*76	1512*57*76	1812*57*76	1812*57*76	2412*57*76	2412*57*76	255.6*255.6*76	454.2*255.6*76	454.2*454.2*76		
Cutout (mm) (Recessed version)		1214*63*76	1214*63*76	1514*63*76	1514*63*76	1814*63*76	1814*63*76	2414*63*76	2414*63*76	257*257*76	455*257*76	455*455*76		
Watt(W)		36W	48W	45W	60W	54W	65W	72W	96W	13W	19W	24W	28W	
Rated Input Voltage(V)		AC220-240V									220-240VAC			
Input Voltage(V)		AC198-264V/ AC180-264V									AC198-264V / 180-264VAC			
LED Module Input		-									-			
Light Source		SMD									SMD			
SDCM		<6 (@3000K 4000K 5000K)									<6			
CCT(K)		1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K									1-CCT: 3000K/4000K/5700K 3-CCT: 3000K + 4000K + 5700K			
CCT Selection DIP Switch		Yes	No	Yes	No	Yes	No	Yes	No	YES				
Luminous Flux (lm) ±5%	1-CCT	Non-DIM	3050-3600	4350-4800	3850-4490	5400-6000	4600-5400	5600-6500	6100-7200	8700-9600	1100-1350	1600-1900	1800-2100	-
		DIM	3050-3600	4350-4800	3850-4490	5400-6000	4600-5400	5600-6500	6100-7200	8700-9600	1100-1350	1600-1900	-	2100-2400
	3-CCT	Non-DIM	3050-3650	-	3850-4550	-	4600-5500	-	6100-7300	-	1100-1350	1600-1900	1800-2100	-
		DIM	3050-3650	-	3850-4550	-	4600-5500	-	6100-7300	-	1100-1350	1600-1900	-	2100-2400
CRI		80									80			
Beam Angle (°)		65°	direct 65°/indirect 110°	65°	direct 65°/indirect 110°	65°	direct 65°/indirect 110°	65°	direct 65°/indirect 110°	Down 65°				
UGR		<19									<19			
LED Driver		Built-in									Built-in			
Dimming Option		DALI / 1-10V									DALI			
Sensor		No									NO			
Emergency Kits		-									NO			
Electrical Class		Class I									Class I			
Ingress Protection (IP Rating)		IP20									IP20			
Impact Resistance (IK Rating)		-									-			
Product Finishing(Base)		White RAL 9016 / Black RAL 9005									White RAL 9016 / Black RAL 9005			
Materials of Optics		PC									PC			
Materials of Housing		Aluminium									Aluminium			
Lifetime (hr)		50,000h									50,000h			
Glow wire test (°C)		750°C									750°C (Cover)			
Operating Temp. (°C)		-20°C~45°C									-20°C~45°C			
Storage Temp. (°C)		-20°C~65°C									-20°C~65°C			
Installation		Surface mount / Pendant / Wall mount / Recessed / Track									Surface mount / Pendant / Wall mount / Recessed / Track			

Remark: The lumen value based on white lamp, if with black lamp, lumen will decrease around 3%

Driver Datasheet(Non-dimmable)

Code		DB77B-1200		DB77B-1500		DB77B-1800		DB77B-2400		Corner L	Corner T	Corner +	
Total load wattage		36W	48W	45W	60W	54W	65W	36W *2	48W *2	13W	19W	26W	
Output	Rated output current	900mA	1200mA	1100mA	1400mA	1300mA	1600mA	900mA*2	1200mA*2	300mA	450mA	600mA	
	Output Voltage range	DC23-54V		DC27-54V		DC 23-48V		DC23-54V		DC30-42V		DC28-42V	
	Line Regulation	±7.5%											
	Setup, Rise Time	≤0.5S/230VAC											
	Flickering Index	5%											
Input	Rated Input Voltage(V)	AC220-240V											
	Input Voltage	AC198-264V											
	Frequency	50/60Hz											
	Rated Input Current	≤0.19A	≤0.25A	≤0.23A	≤0.31A	≤0.28A	≤0.33A	≤0.37A	≤0.49A	≤0.07A	≤0.1A	≤0.14A	
	Input Current	≤0.21A	≤0.27A	≤0.26A	≤0.34A	≤0.31A	≤0.37A	≤0.41A	≤0.54A	≤0.08A	≤0.11A	≤0.15A	
	Power Factor	>0.9											
	THD	<15% @ 230VAC											
	Efficiency	86%									82%	84%	84%
	No load wattage	<0.5W											
Protection	Short circuit protection	Pass											
	Over voltage protection	Pass											
	Over temperature protection	Pass											
Safety & EMC	Withstand voltage	I/P-Q/P:3750VAC,I/P-FG:1750VAC,Q/P-FG:500VAC											
	Isolation Resistance	I/P-Q/P: 500VDC, ≥100M Ω											
	Surge	IEC/EN61000-4-5 (L-N:1KV, L/N-PE:2KV)											
	EMC Emission	IEC/EN55015, IEC/EN61000-3-2											
	EMC Immunity	IEC/EN61000-4-2,3,4,5,6,8,11; IEC/EN61547											

Driver Datasheet(DALI-Dimmable)

Code		DB77B-1200		DB77B-1500		DB77B-1800		DB77B-2400		Corner L	Corner T	Corner +
Total load wattage		36W	48W	45W	60W	54W	65W	36W *2	48W *2	13W	19W	28W
Output	Rated output current	900mA	1200mA	1100mA	1400mA	1300mA	1600mA	900mA*2	1200mA*2	300mA	450mA	700mA
	Output Voltage range	DC3-42V	DC3-41.5V	DC3-42V			DC3-37.5V	DC 3-42V		DC9-45V		DC9-40V
	Line Regulation	±5%										
	Setup, Rise Time	≤0.5S/AC230V										
	Flickering Index	5%										
Input	Rated Input Voltage(V)	AC200-240V										
	Input Voltage	AC180-264V										
	Frequency	50/60Hz										
	Rated Input Current	≤0.2A	≤0.27A	≤0.25A	≤0.34A	≤0.25A	≤0.37A	≤0.4A	≤0.54A	≤0.07A	≤0.1A	≤0.14A
	Input Current	≤0.23A	≤0.3A	≤0.28A	≤0.38A	≤0.34A	≤0.41A	≤0.45A	≤0.6A	≤0.09A	≤0.12A	≤0.15A
	Power Factor	0.9										
	THD	<20% @ 230VAC										
	Efficiency	86%										
	No load wattage	<0.5W										
	Protection	Short circuit protection	Pass									
Over voltage protection		Pass										
Over temperature protection		Pass										
Safety & EMC	Withstand voltage	I/P-Q/P:3750VAC,I/P-FG:1750VAC,Q/P-FG:500VAC										
	Isolation Resistance	I/P-Q/P: 500VDC, ≥100M Ω										
	Surge	IEC/EN61000-4-5 (L-N:1KV, L/N-PE:2KV)										
	EMC Emission	IEC/EN55015, IEC/EN61000-3-2										
	EMC Immunity	IEC/EN61000-4-2,3,4,5,6,8,11; IEC/EN61547										

Driver Datasheet(1-10V-Dimmable)

Code		DB77B-1200		DB77B-1500		DB77B-1800		DB77B-2400	
Total load wattage		36W	48W	45W	60W	54W	65W	36W *2	48W *2
Output	Rated output current	900mA	1200mA	1100mA	1400mA	1300mA	1600mA	900mA*2	1200mA*2
	Output Voltage range	DC 3-42V	DC 3-41.5V	DC 3-42V			DC 3-37.5V	DC 3-42V	
	Line Regulation	±5%							
	Setup, Rise Time	≤0.5S/230VAC							
	Flickering Index	5%							
Input	Rated Input Voltage(V)	AC200-240V							
	Input Voltage	AC180-264V							
	Frequency	50/60Hz							
	Rated Input Current	≤0.2A	≤0.27A	≤0.25A	≤0.34A	≤0.25A	≤0.37A	≤0.4A	≤0.54A
	Input Current	≤0.23A	≤0.3A	≤0.28A	≤0.38A	≤0.34A	≤0.41A	≤0.45A	≤0.6A
	Power Factor	0.9							
	THD	<20% @ 230VAC							
	Efficiency	86%							
	No load wattage	<0.5W							
	Protection	Short circuit protection	Pass						
Over voltage protection		Pass							
Over temperature protection		Pass							
Safety &EMC	Withstand voltage	I/P-O/P:3750VAC,I/P-FG:1750VAC,O/P-FG:500VAC							
	Isolation Resistance	I/P-Q/P: 500VDC, ≥100M Ω							
	Surge	IEC/EN61000-4-5 (L-N:1KV, L/N-PE:2KV)							
	EMC Emission	IEC/EN55015, IEC/EN61000-3-2							
	EMC Immunity	IEC/EN61000-4-2,3,4,5,6,8,11; IEC/EN61547							

Installation Procedure

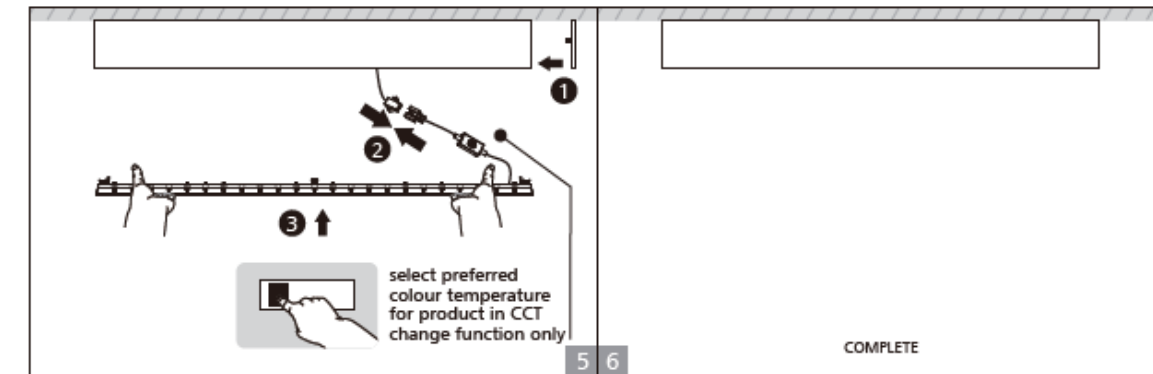
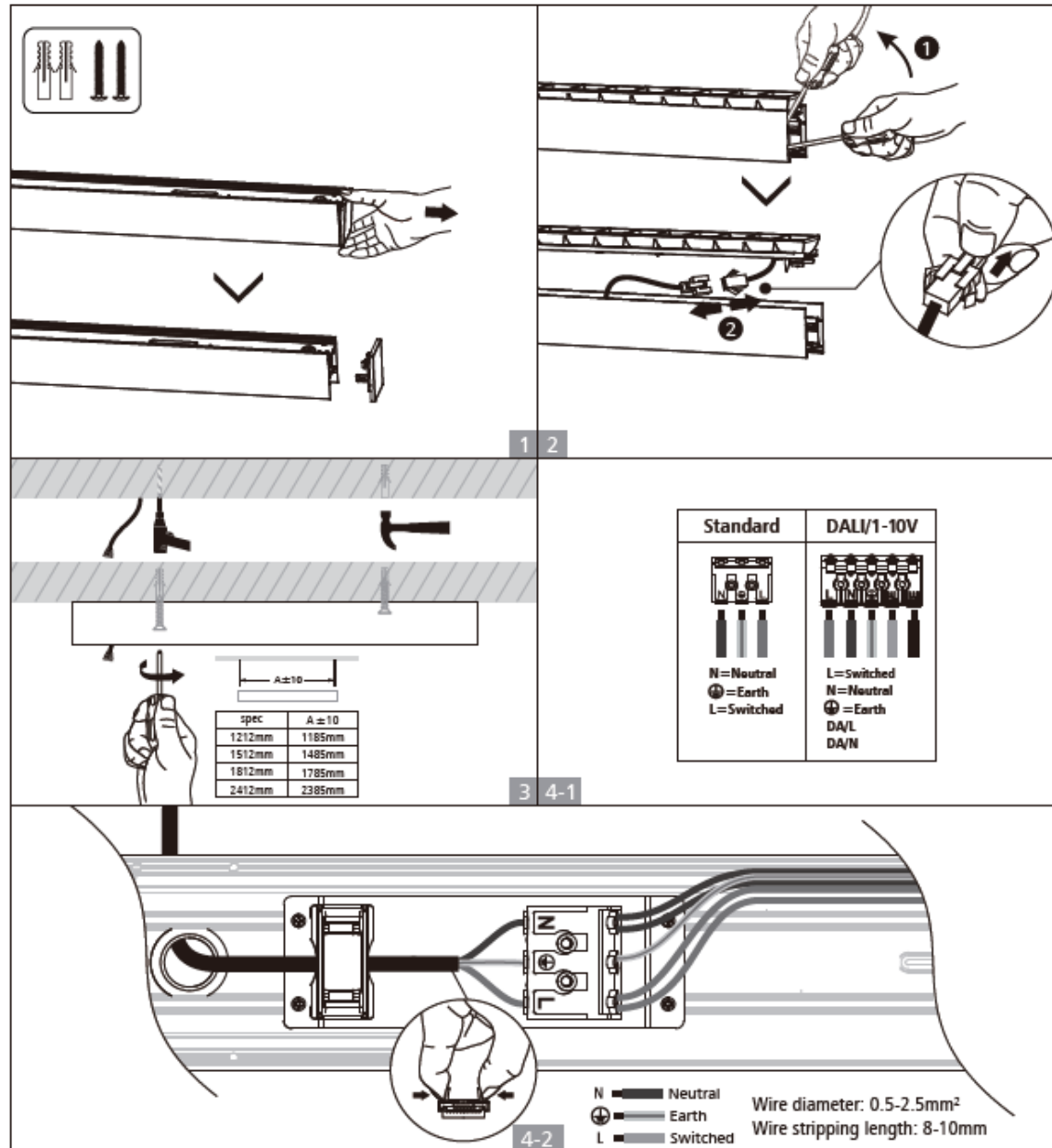
WARNING

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

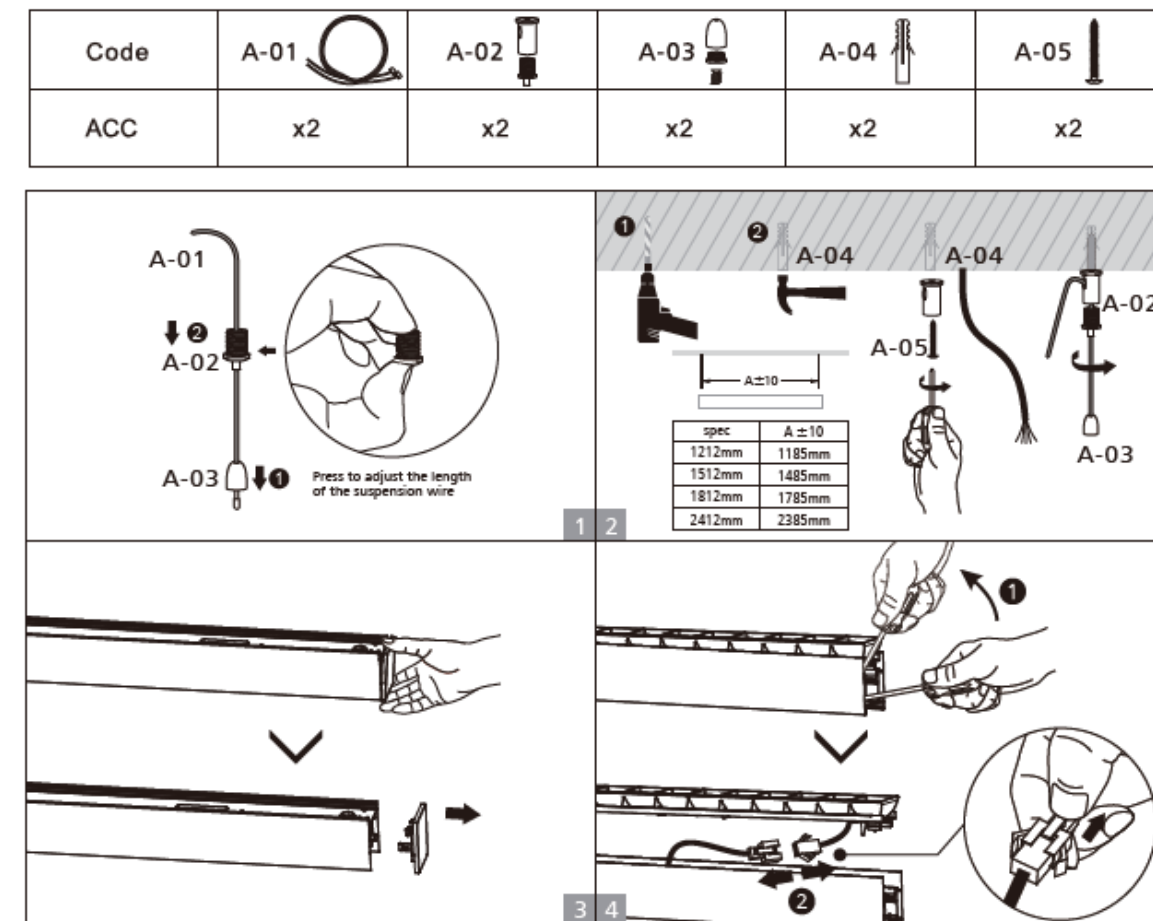


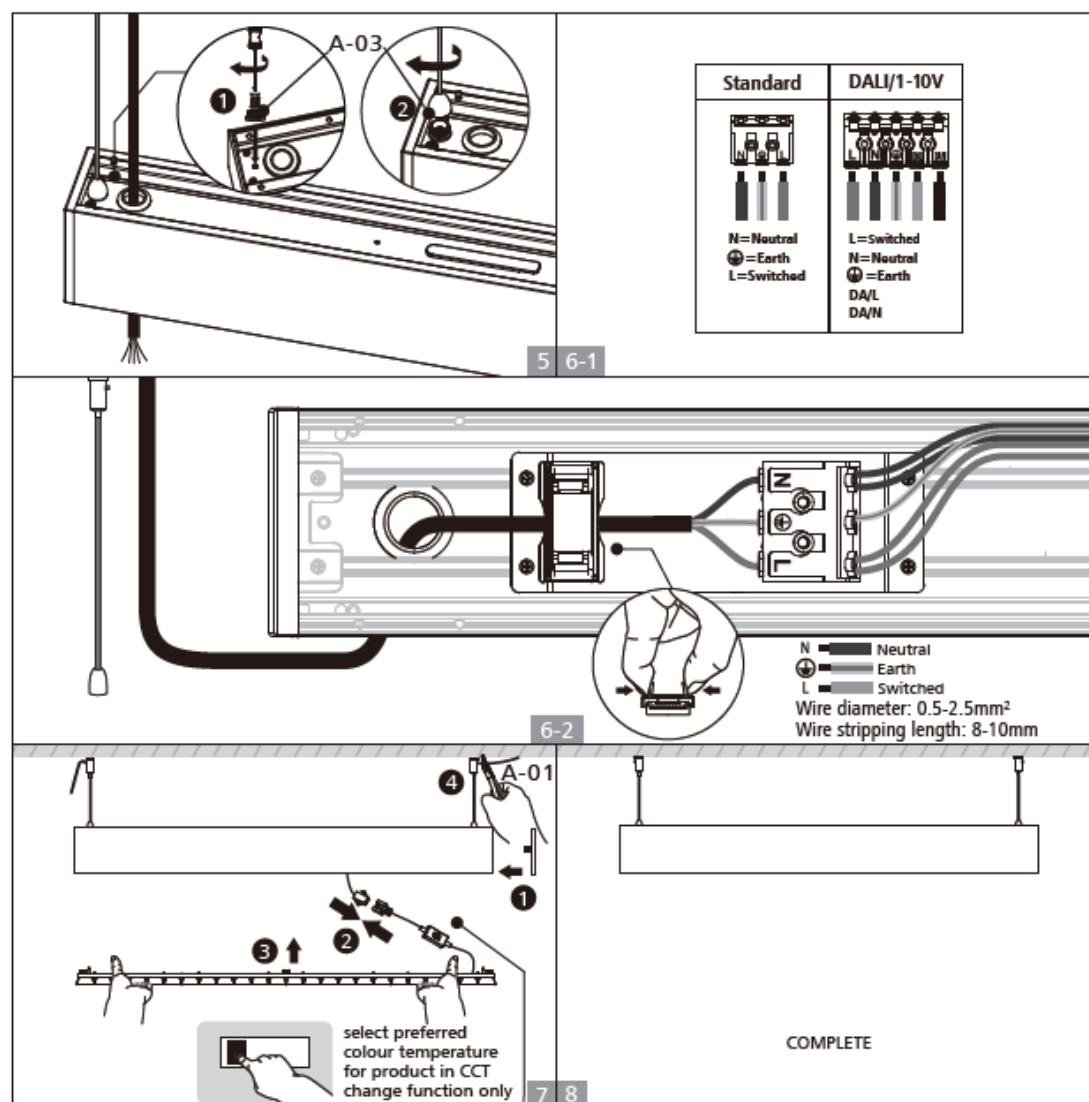
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

Surface mount installation



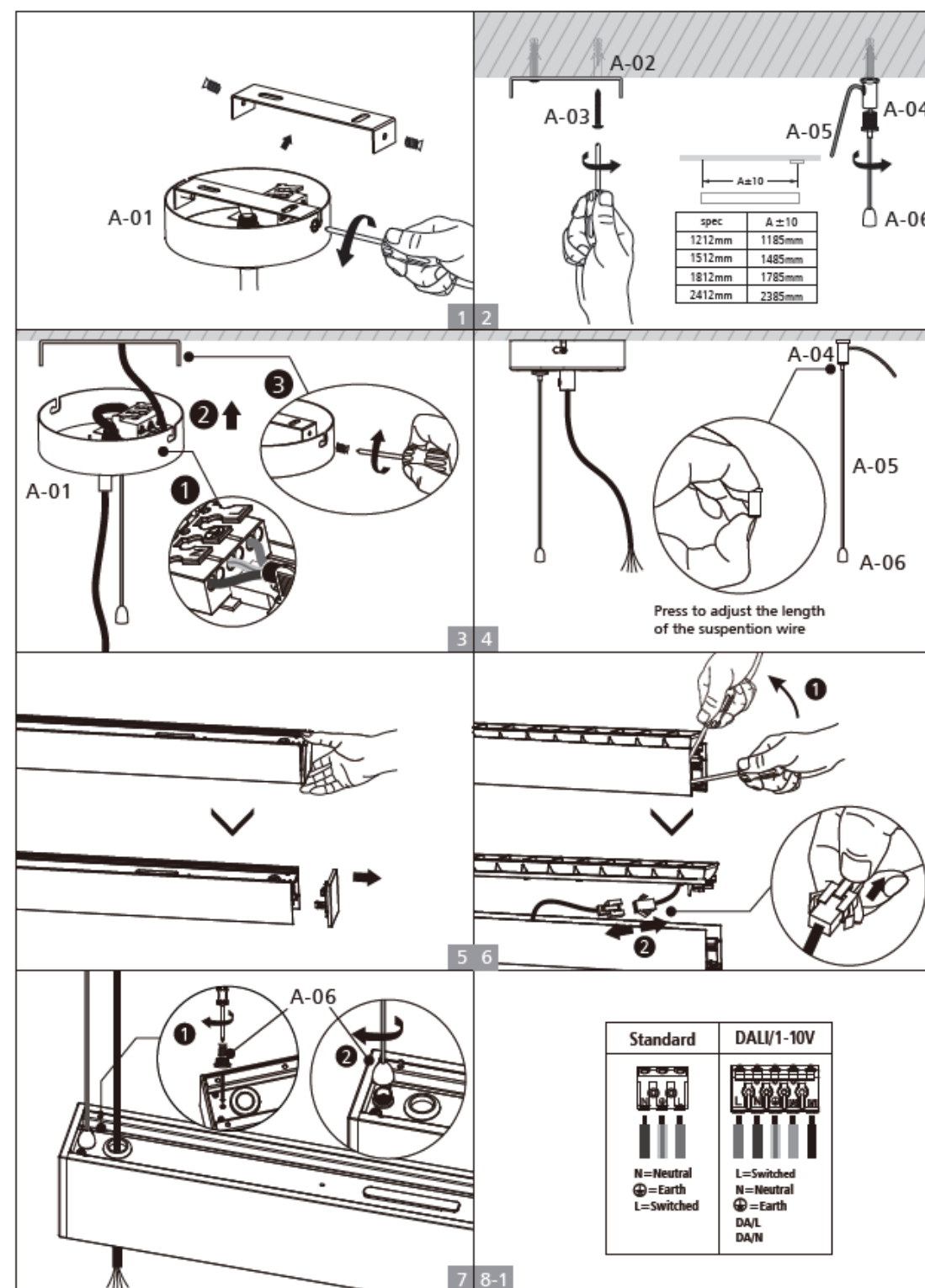
Pendant installation (Without round ceiling plate)

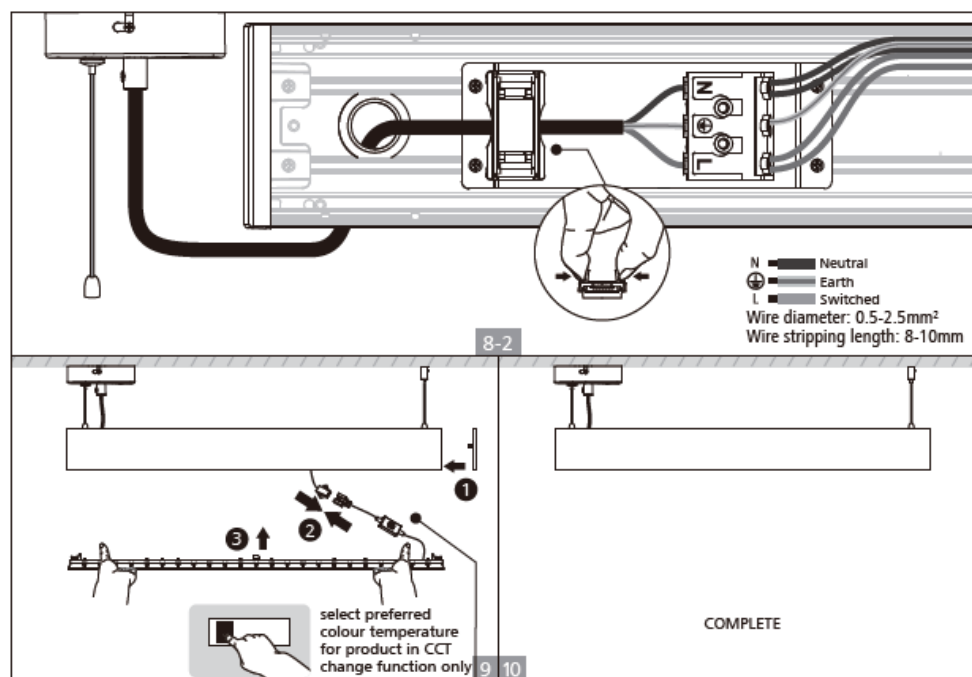




■ Pendant installation (With round ceiling plate)

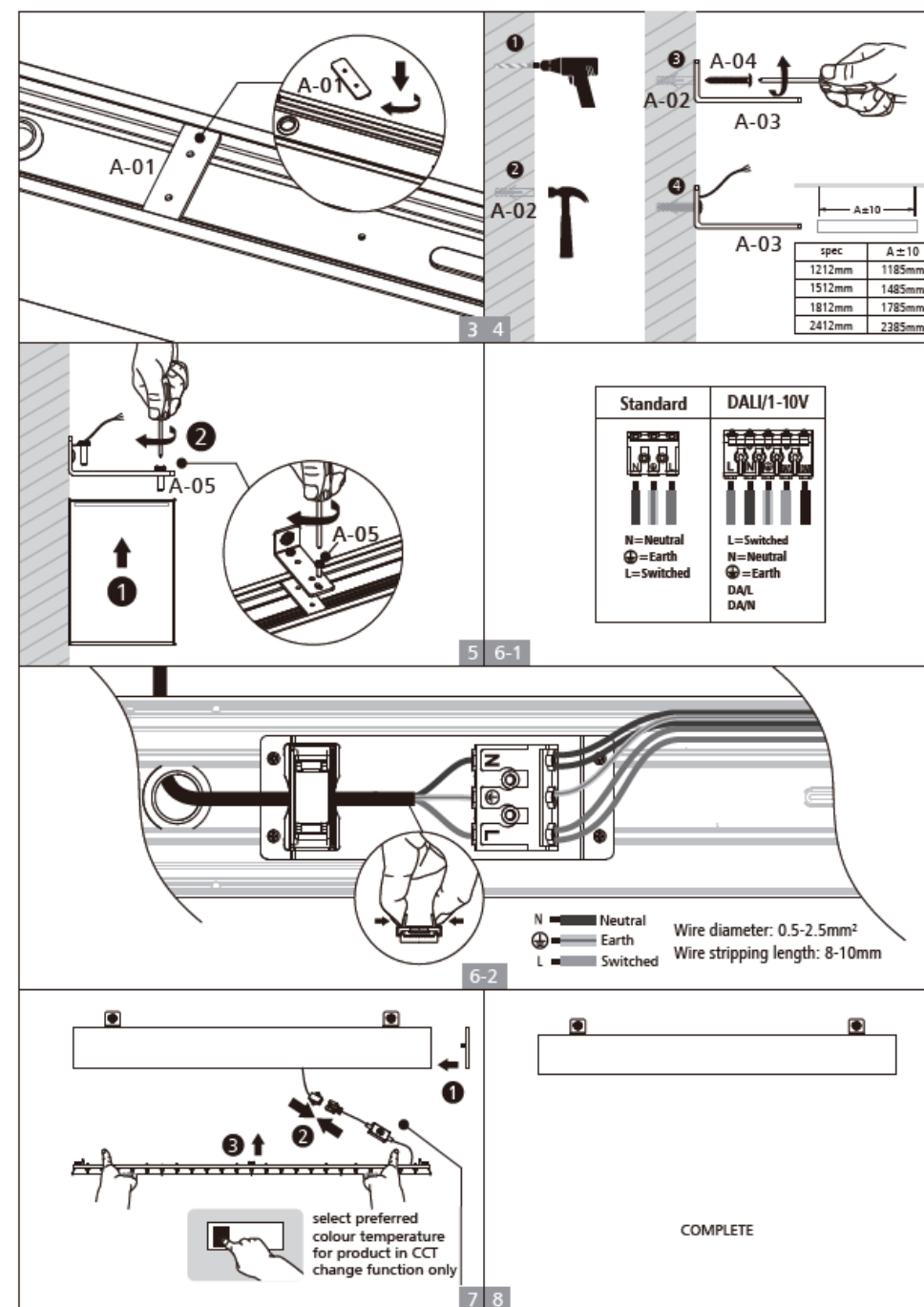
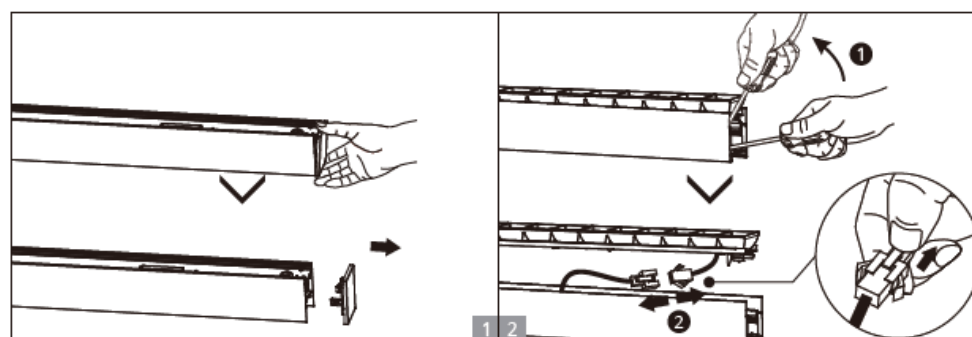
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ACC	x1	x3	x3	x1	x2	x2





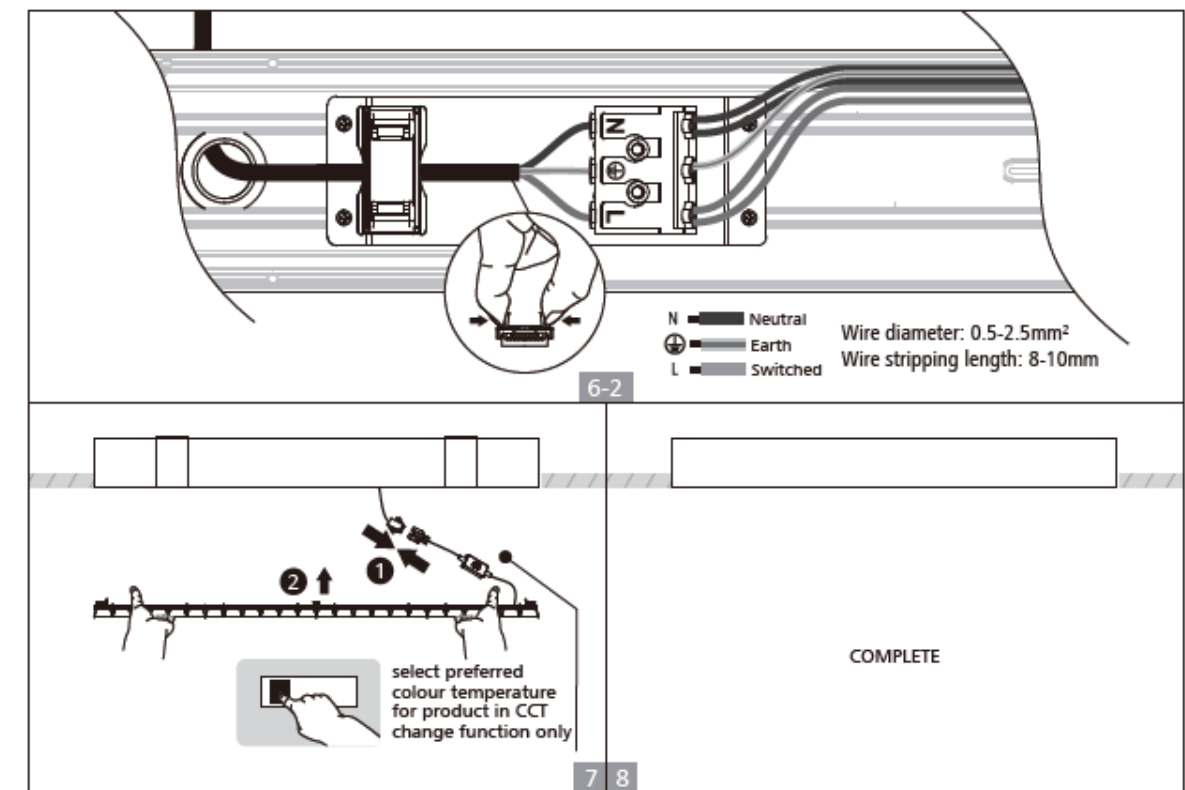
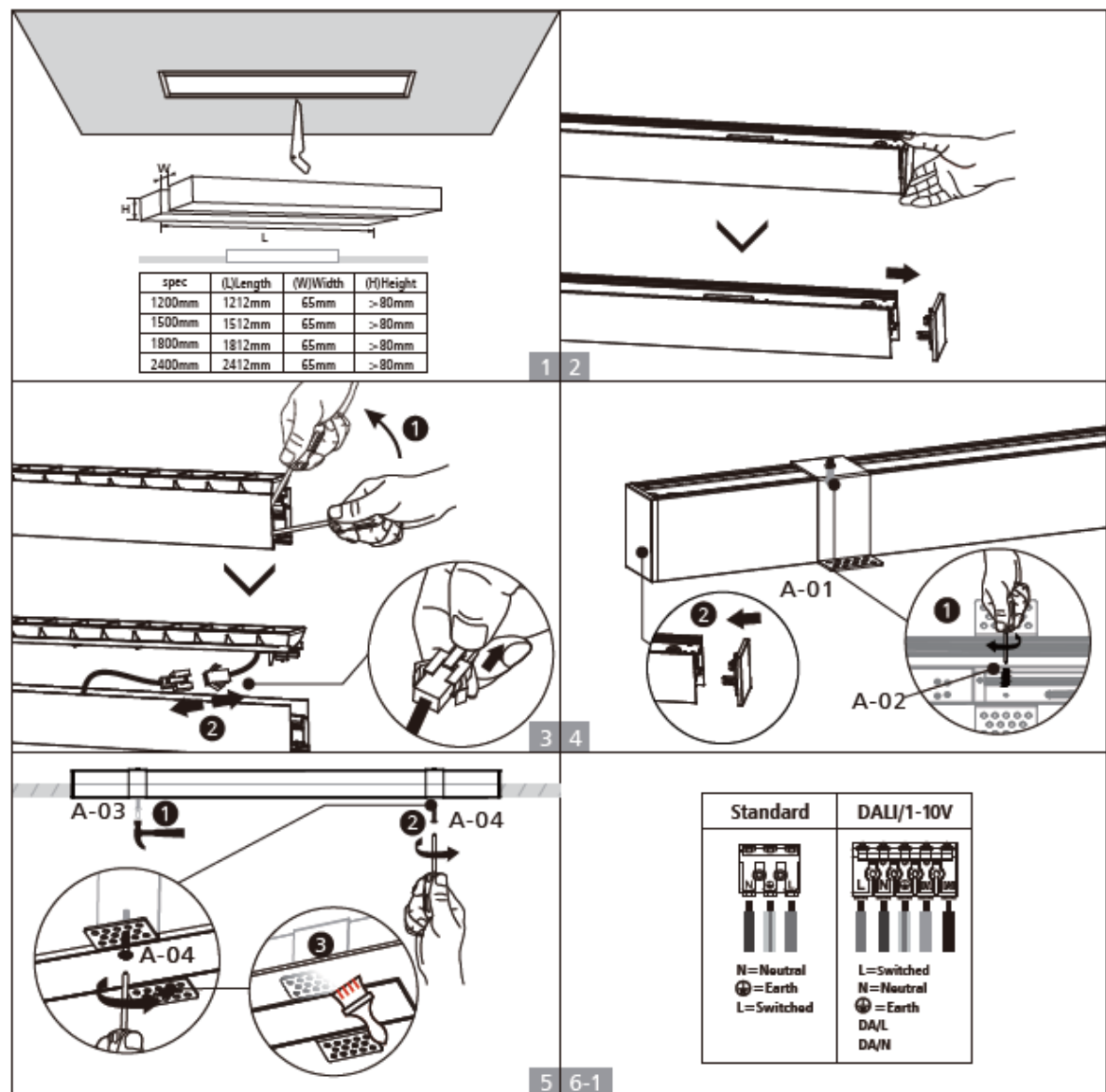
Wall mount installation

Code	A-01	A-02	A-03	A-04	A-05
ACC	x2	x2	x2	x2	x4



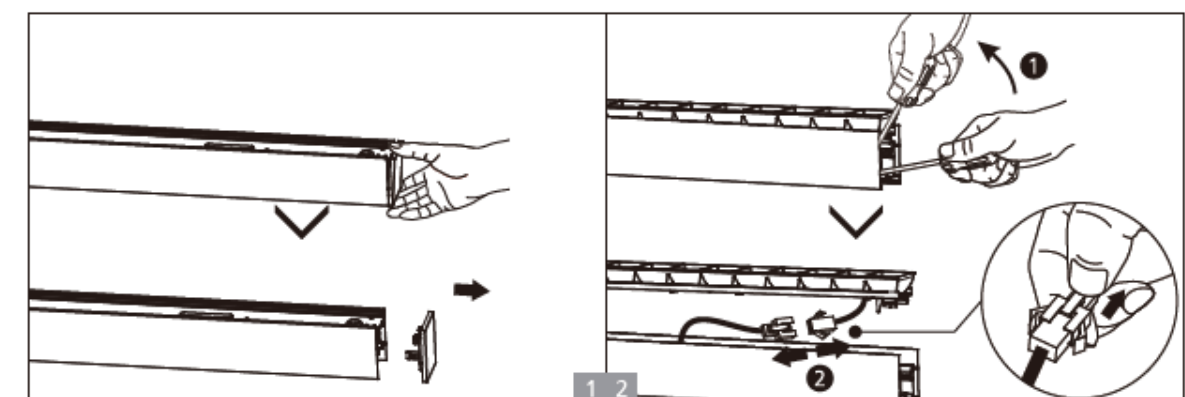
■ **Recessed installation (in front of the ceiling)**

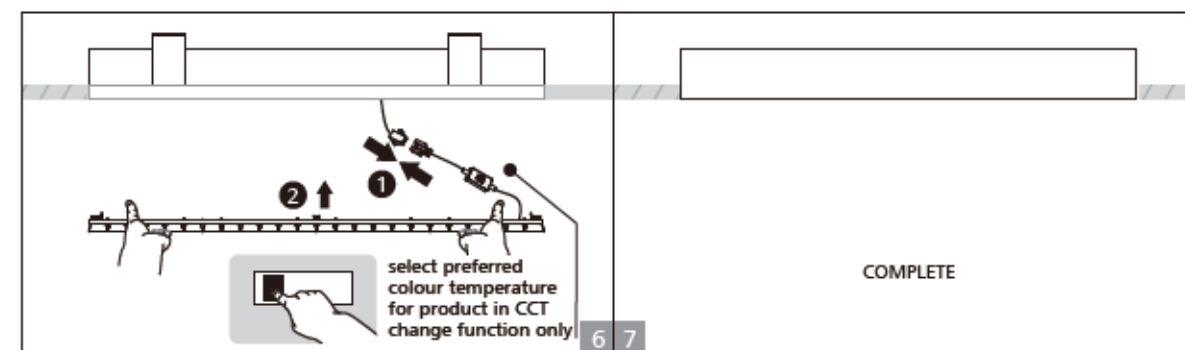
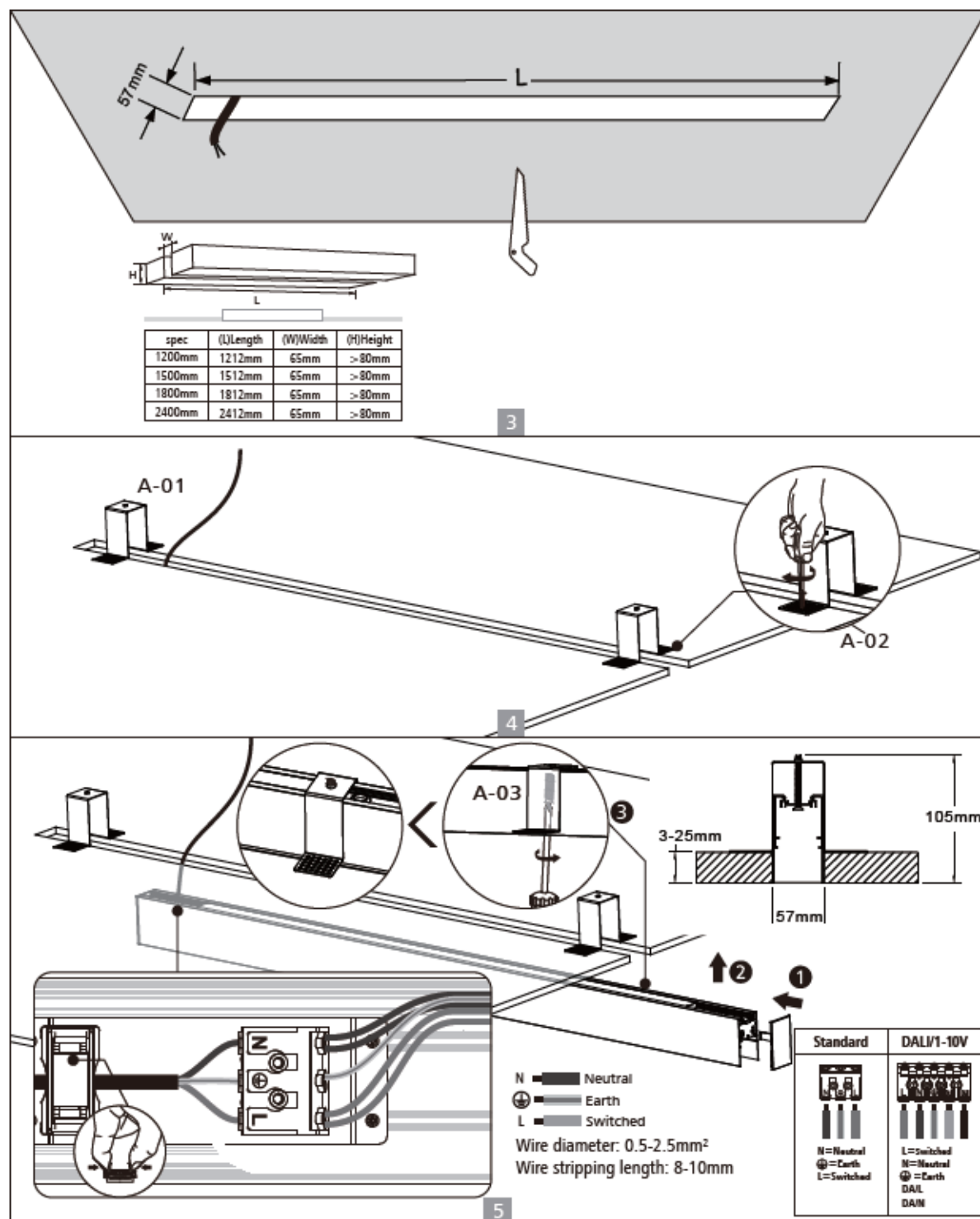
Code	A-01 	A-02 	A-03 	A-04 
ACC	x2	x2	x4	x4



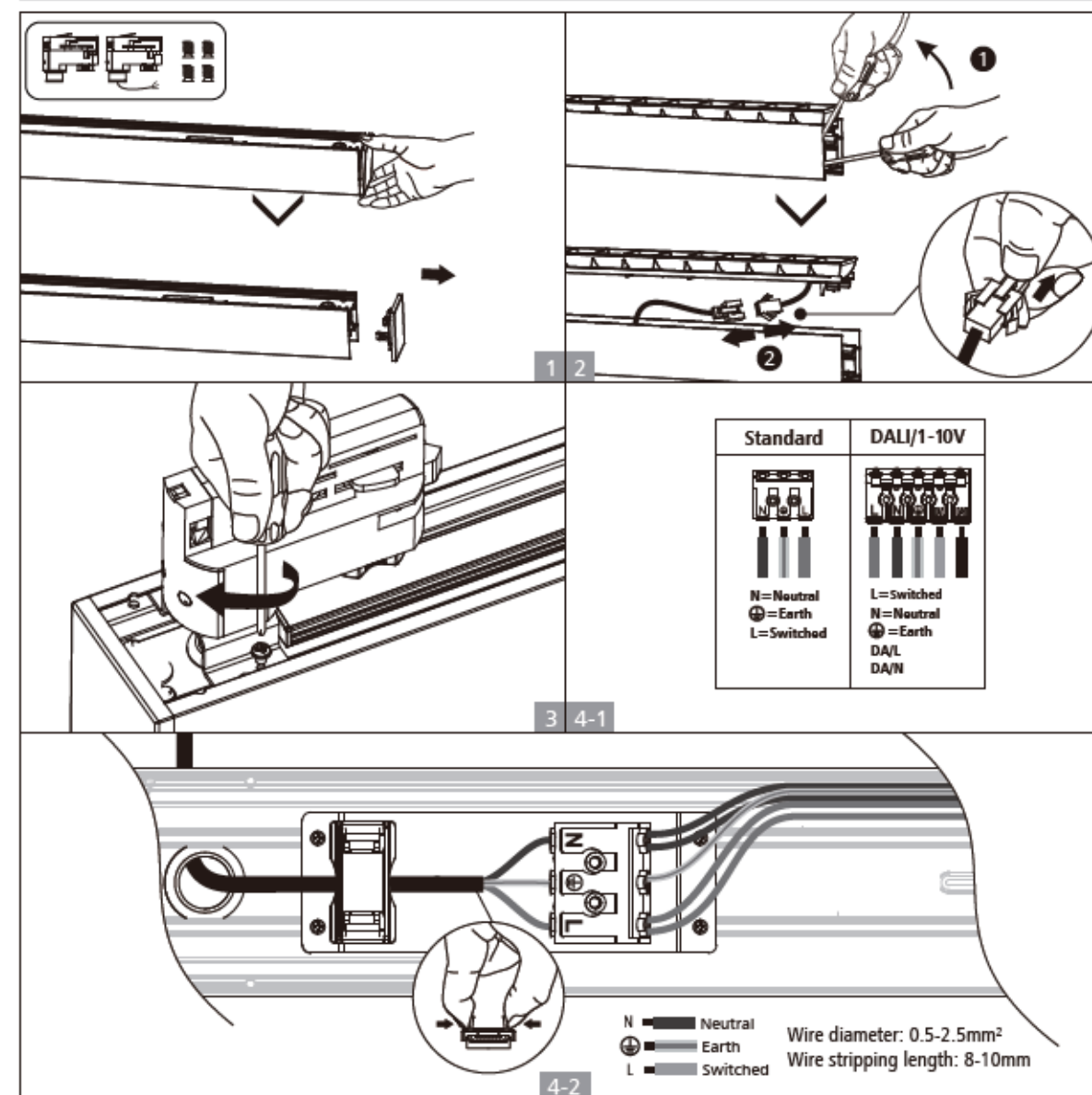
■ **Recessed installation (on the back of the ceiling)**

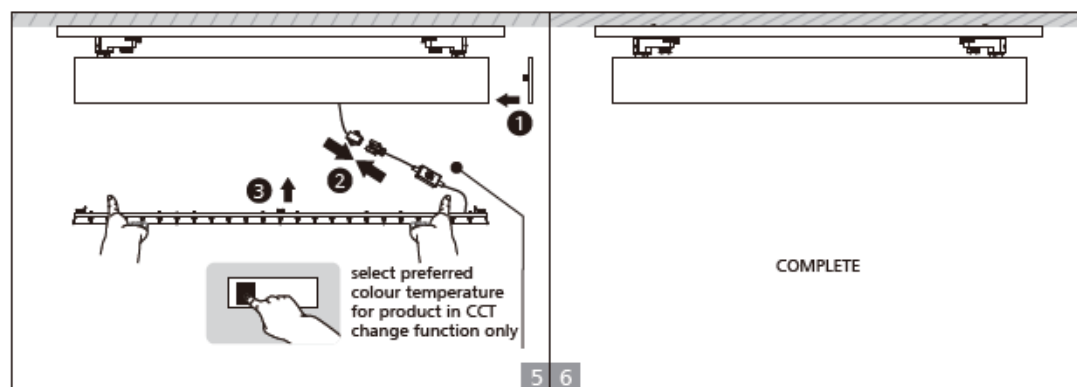
Code	A-01 	A-02 	A-03 	A-04 
ACC	x2	x4	x2	x4



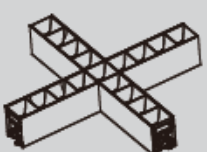
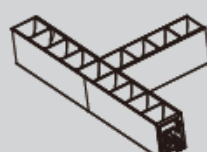
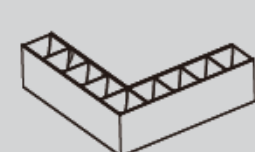


Track installation

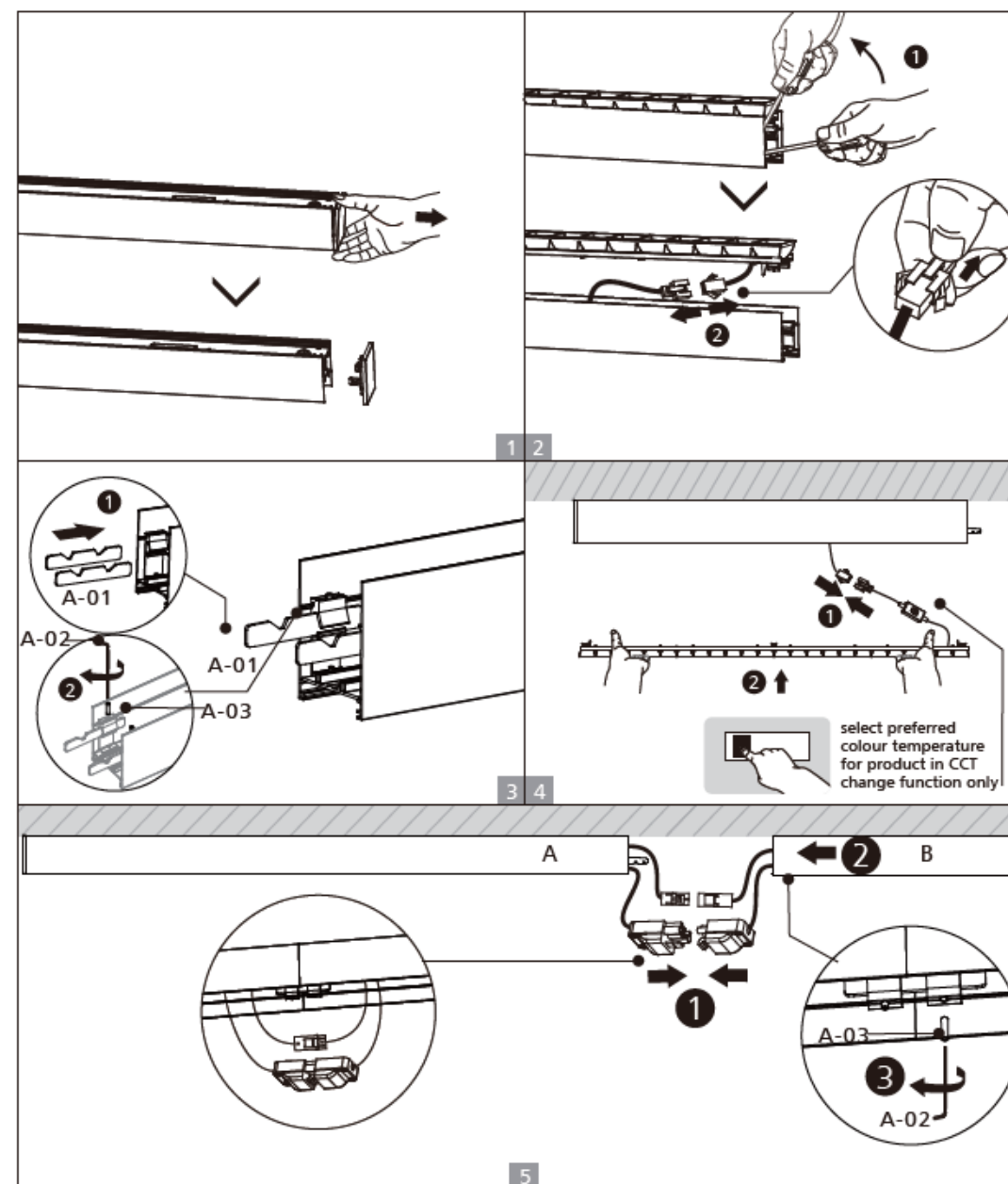


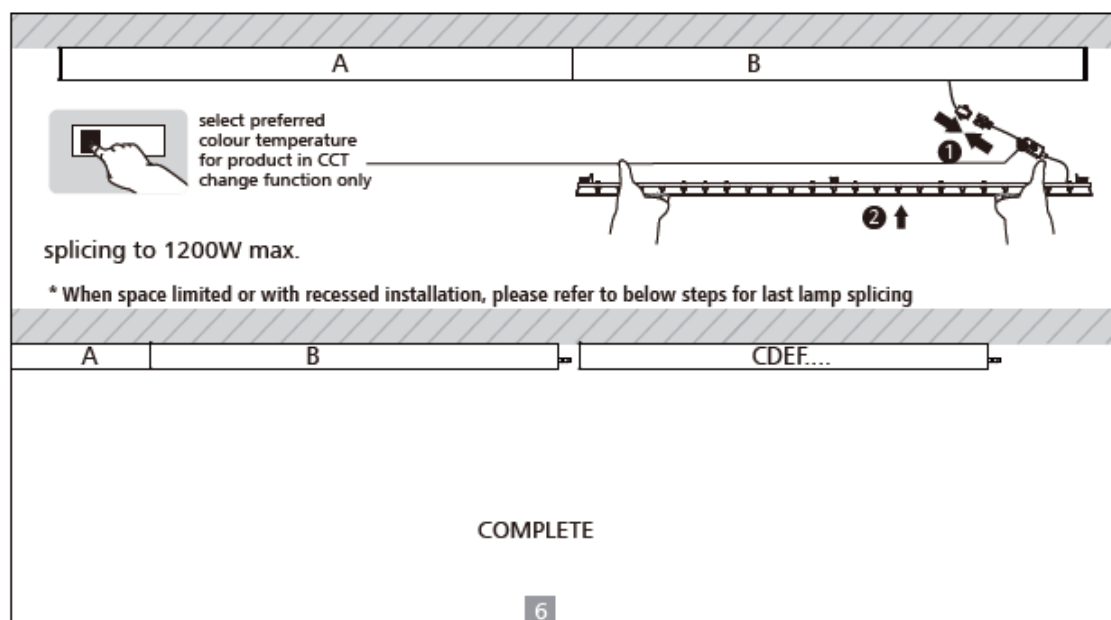


Surface mount splicing installation(Straight"-")

Cutout (mm)				
Dimension with end cap(mm)	1212	1512	1812	2412
Dimension without end cap(mm)	1200	1500	1800	2400
Cutout(mm) for single lamp	L1214*W63	L1514*W63	L1814*W63	L2414*W63
Cutout(mm) straight splicing	Dimension without end cap*N+15 (N=connection quantity) (for example cutout for 2pcs 1200mm lamp splicing: 1200*2+15=2415mm)			
Cutout (mm) for X,T, L accessories	X-shape	T-shape	L-shape (positive angle)	
				
	L455*W455	L455*W257	L257*W257	
Remark	For the combination of +, T, L splicing , please open the hole according to the above data			

Code	A-01 	A-02 	A-03 
ACC	x2	x1	x4



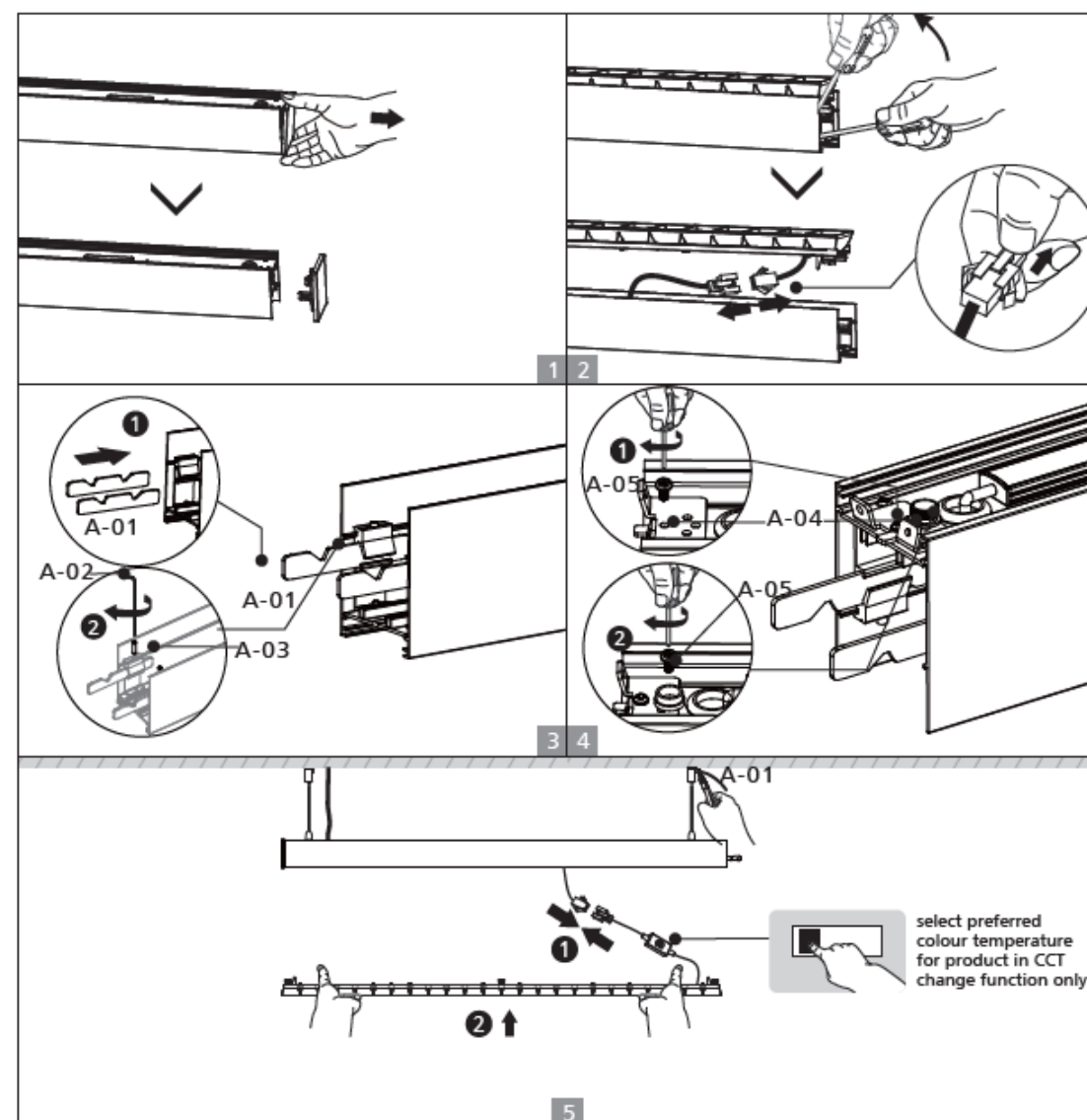


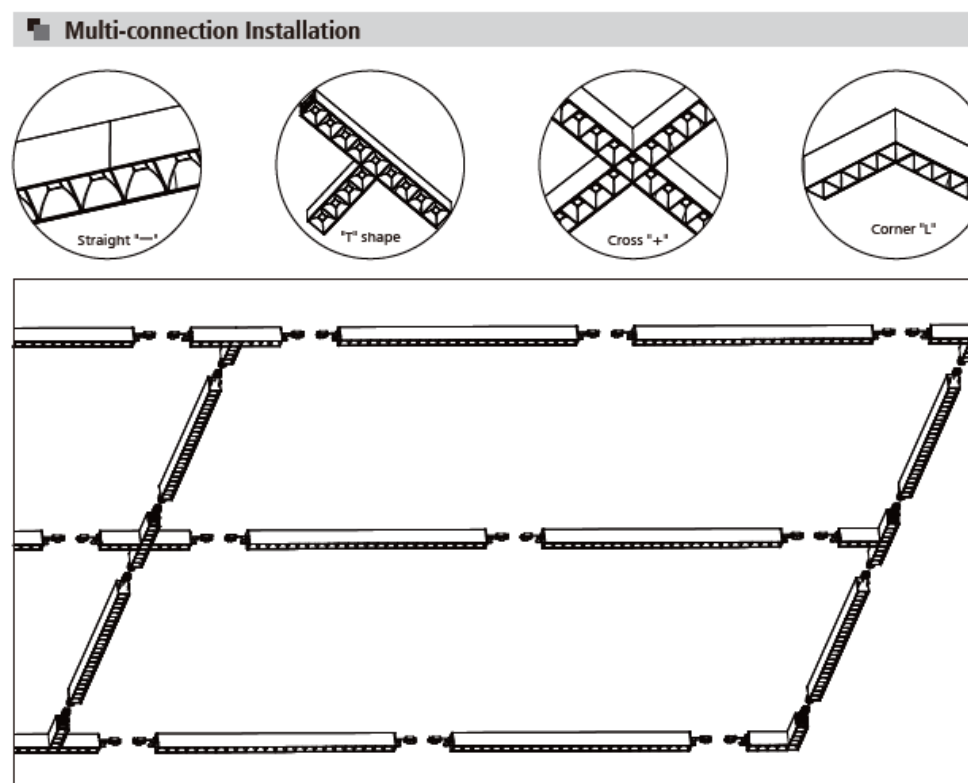
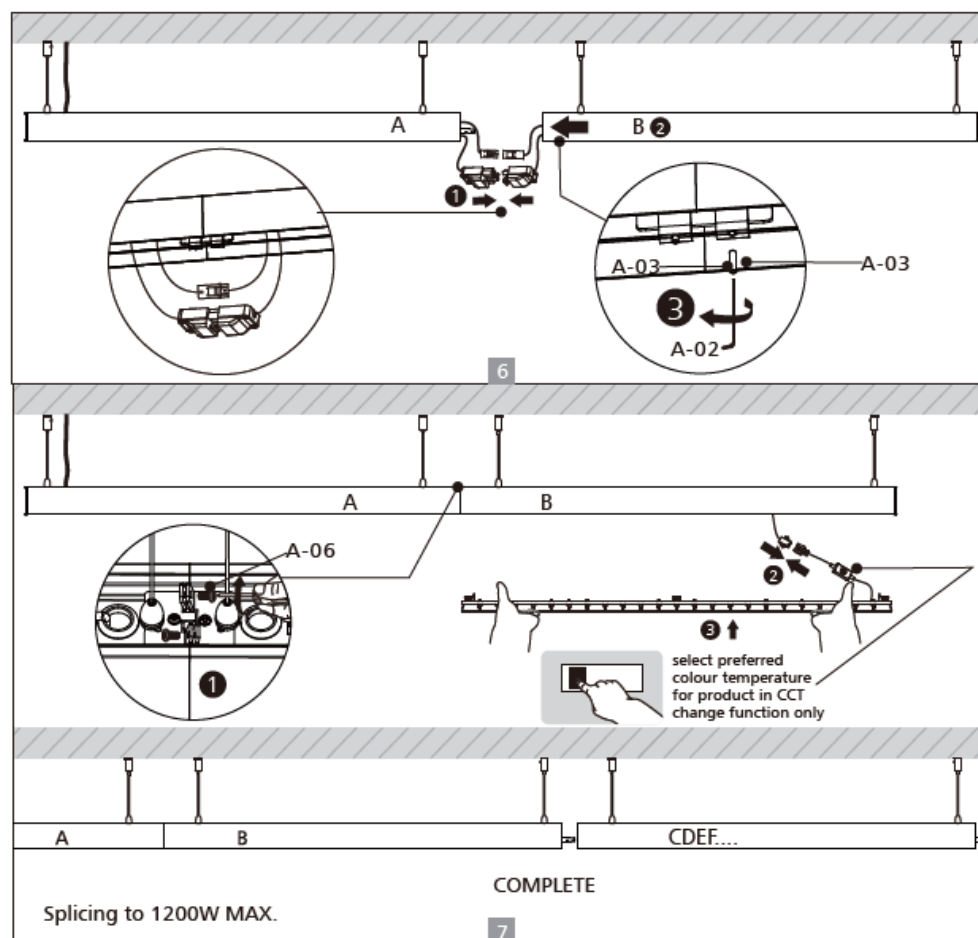
pendant splicing installation(Straight"-")

* The steps also applicable to track splicing

* The steps also applicable to "L"/"T"/" + "/" shape connector splicing

Code	A-01	A-02	A-03	A-04	A-05	A-06
ACC	x2	x1	x4	x2	x4	x2







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