PHILIPS

CoreLine Surface-mounted

SM136V

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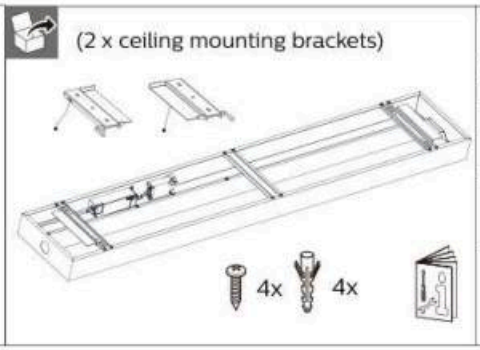

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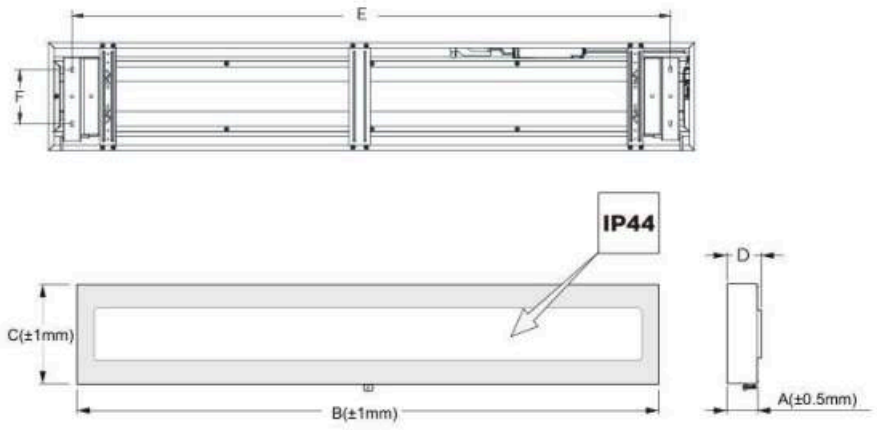
Service tag

indoor | 50Hz 60Hz | 220V 240V | LIFE L90 50k hrs | LIFE L80 100k hrs | IP20 | IK03 | Max. 40 °C Min. -10 °C | DALI 2 for PSD

	System power (W)	Luminaire luminous flux (lm)	Efficacy (lm/W)	Energy efficacy class	CCT (K)	UGR	Class	kg
SM136V G4 36_45_60S/840 PSU W20L120 NOC	**23***/29/38.5	**3600***/4500/6000	**157***/155/156	C	4000	25	II	3.4
SM136V G4 36_45_60S/840 PSU W20L120 OC	**23***/29/38.5	**3600***/4500/6000	**157***/155/156	C	4000	19	II	3.6
SM136V G4 34_43_57S/830 PSD W20L120 OC	**23***/29/38.5	**3400***/4300/5700	**148***/148/148	C	3000	19	II	3.6
SM136V G4 36_45_60S/840 PSD W20L120 OC	**23***/29/38.5	**3600***/4500/6000	**157***/155/156	C	4000	19	II	3.6
SM136V G4 40S/830 WIA W20L120 OC	27.5	4000	145	C	3000	19	II	3.6
SM136V G4 43S/840 WIA W20L120 OC	27.5	4300	156	C	4000	19	II	3.6
SM136V G4 36_45_68S/840 PSU W20L157 OC	**22.5***/29/43.5	**3600***/4500/6800	**160***/155/156	C	4000	19	II	4.4
SM136V G4 34_43_65S/830 PSU W20L157 OC	**22.5***/29/43.5	**3400***/4300/6500	**151***/148/149	C	3000	19	II	4.4
SM136V G4 36_45_68S/840 PSD W20L157 OC	**22.5***/29/43.5	**3600***/4500/6800	**160***/155/156	C	4000	19	II	4.4
SM136V G4 34_43_65S/830 PSD W20L157 OC	**22.5***/29/43.5	**3400***/4300/6500	**151***/148/149	C	3000	19	II	4.4
SM136V G4 40S/830 WIA W20L157 OC	27.5	4000	145	C	3000	19	II	4.4
SM136V G4 43S/840 WIA W20L157 OC	27.5	4300	156	C	4000	19	II	4.4

** Default setting*



Dimensions in mm

	SM136V W20L120	SM136V W20L157
A	45.5	45.5
B	1200	1570
C	200	200
D	53	53
E	1015	1385
F	100	100

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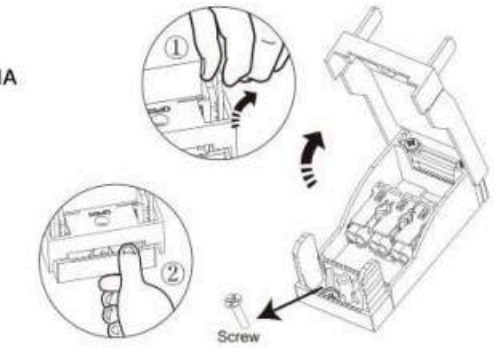
Printed in China
Data subject to change without notice
Keep for future reference : www.philips.com/lighting

Push-in connectors

PSU/WIA



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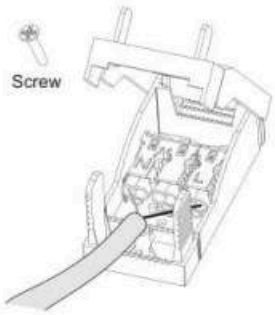
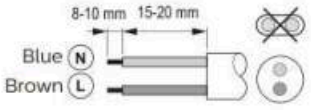


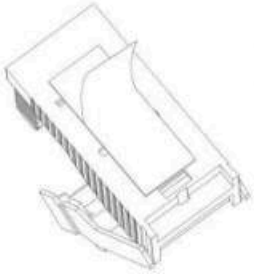


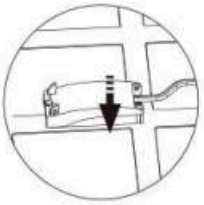
2

Uses click fix
0.75-1.5 mm²
∅ 6-9 mm

Needs screw fix
1-1.5 mm²
∅ 6-9 mm

3

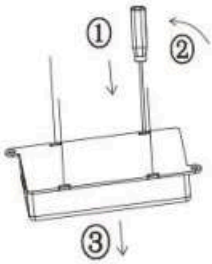




Double
sided sticker

4

PSD



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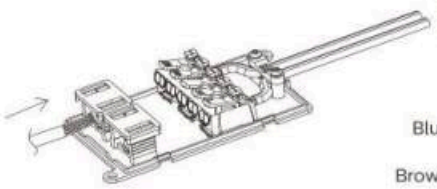
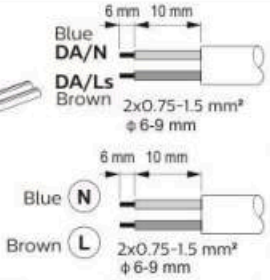
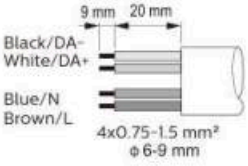
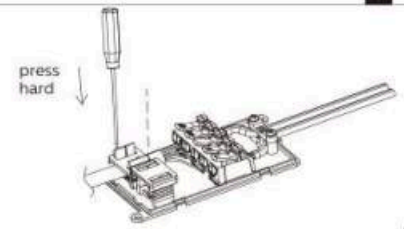






basic insulation between LV (Lower Voltage) and control conductors

2



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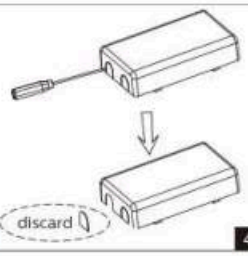

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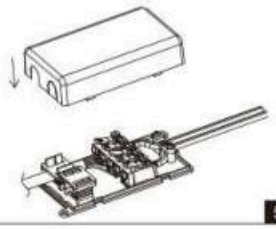

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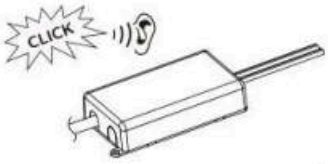
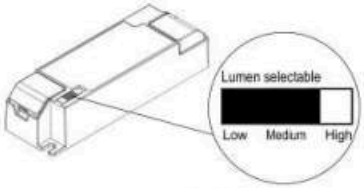


6

MultiLumen selection on driver

PSU



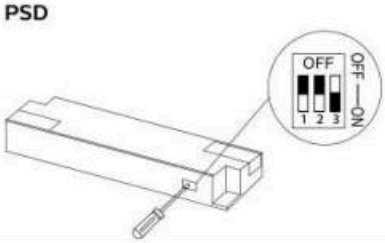
W20L120:

Switch	3.000 K (lumen)	4.000 K (lumen)	Power
Low	**3.400 lm***	**3.600 lm***	**23 W***
Medium	4.300 lm	4.500 lm	29 W
High	5.700 lm	6.000 lm	38.5 W

W20L157:

Switch	3.000 K (lumen)	4.000 K (lumen)	Power
Low	**3.400 lm***	**3.600 lm***	**22.5 W***
Medium	4.300 lm	4.500 lm	29 W
High	6.500 lm	6.800 lm	43.5 W

PSD



W20L120:

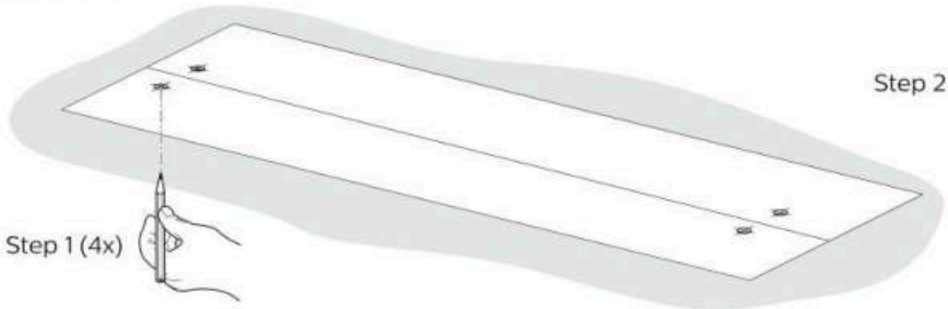
Switch1	Switch2	Switch3	3.000 K (lumen)	4.000 K (lumen)	Power
OFF	OFF	ON	**3.400 lm***	**3.600 lm***	**23W***
OFF	ON	ON	4.300 lm	4.500 lm	29W
ON	OFF	OFF	5.700 lm	6.000 lm	38.5W

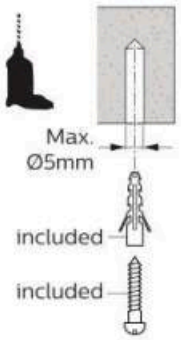
W20L157:

Switch1	Switch2	Switch3	3.000 K (lumen)	4.000 K (lumen)	Power
OFF	OFF	OFF	**3.400 lm***	**3.600 lm***	**22.5 W***
OFF	ON	OFF	4.300 lm	4.500 lm	29 W
ON	OFF	ON	6.500 lm	6.800 lm	43.5 W

** Default setting*

Surface mounted





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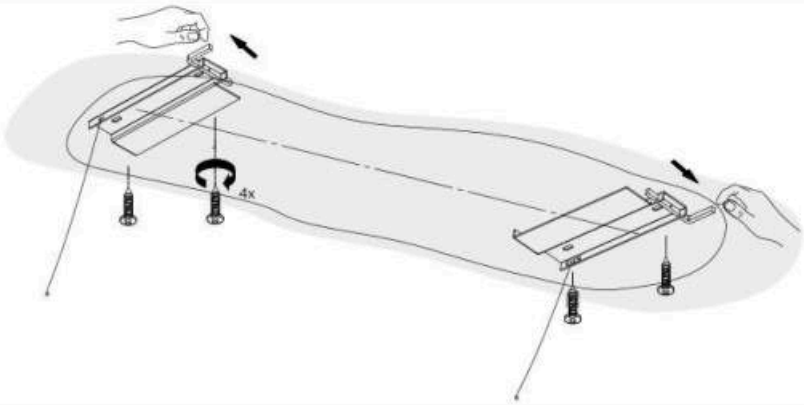

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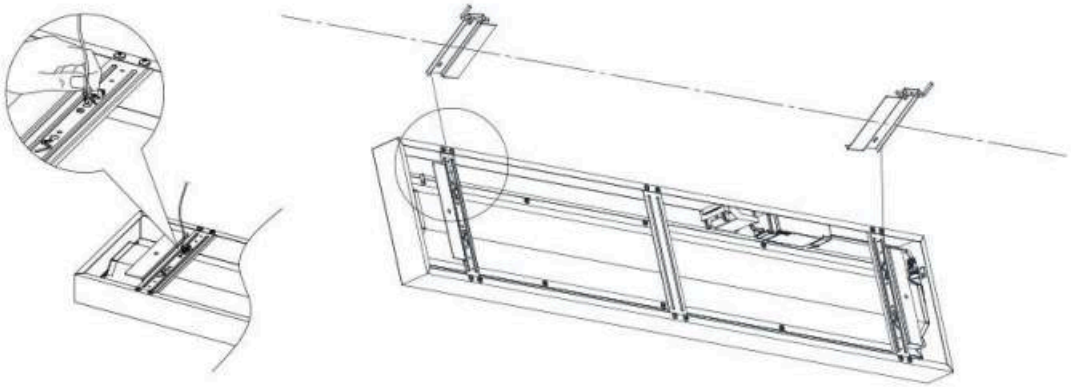

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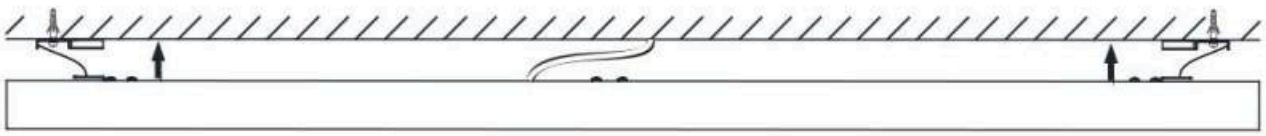
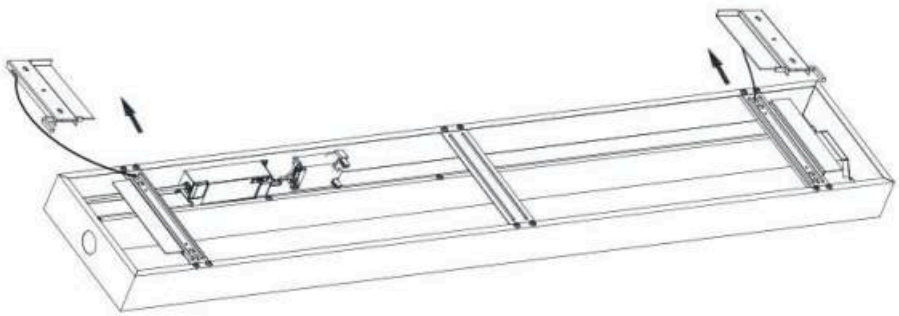
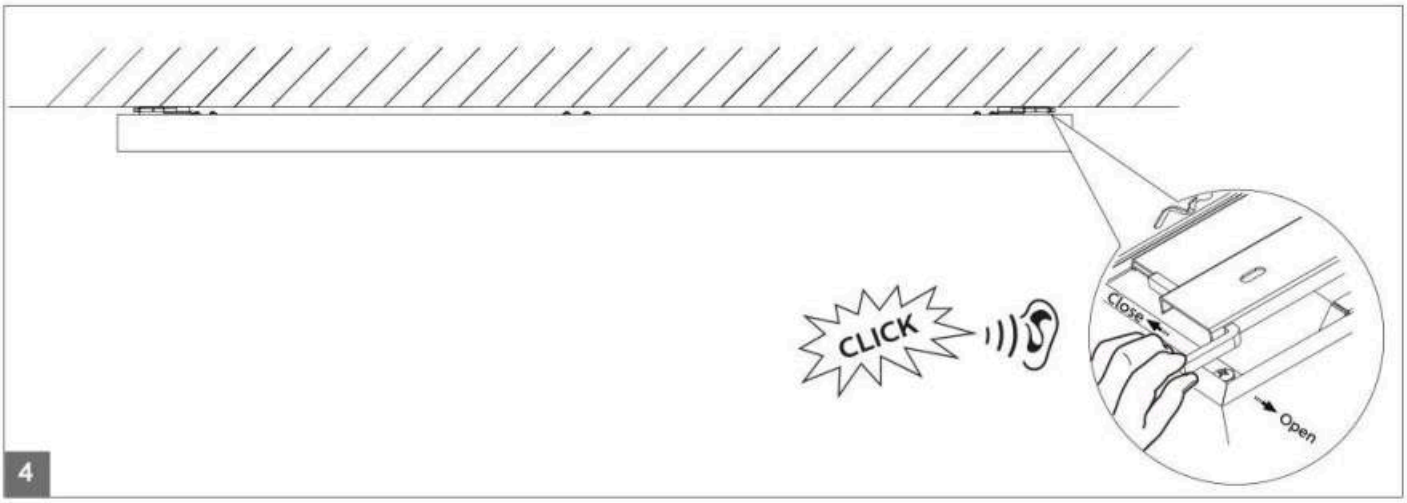
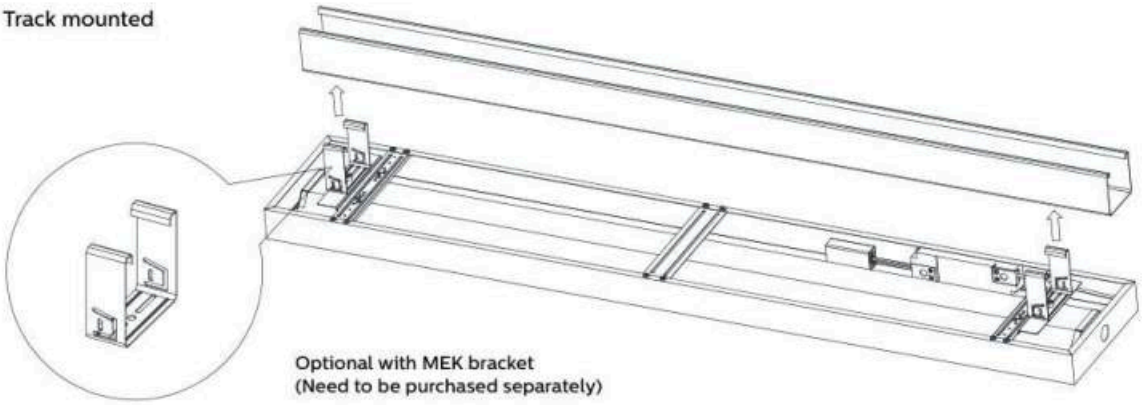


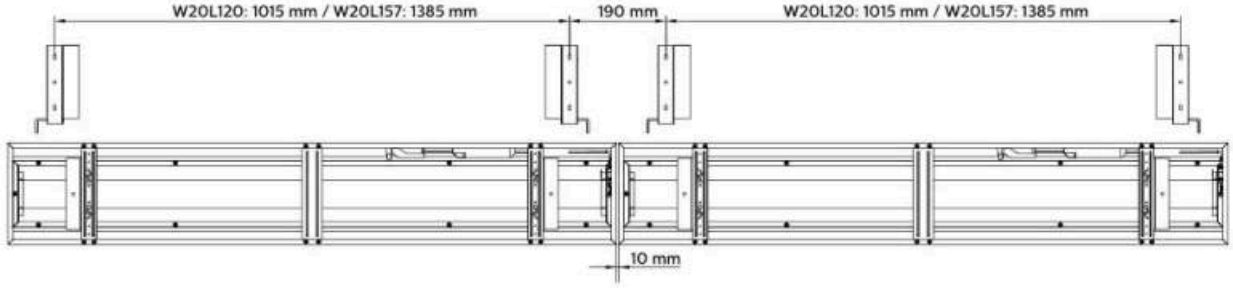


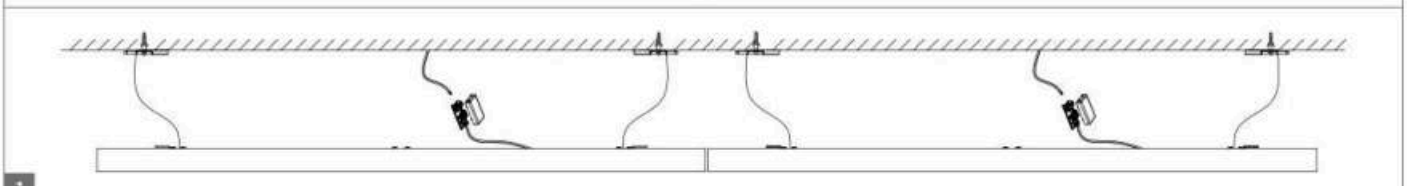


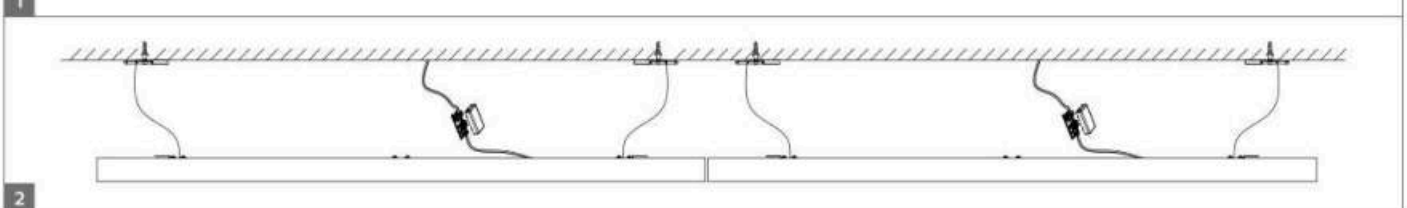
Track mounted

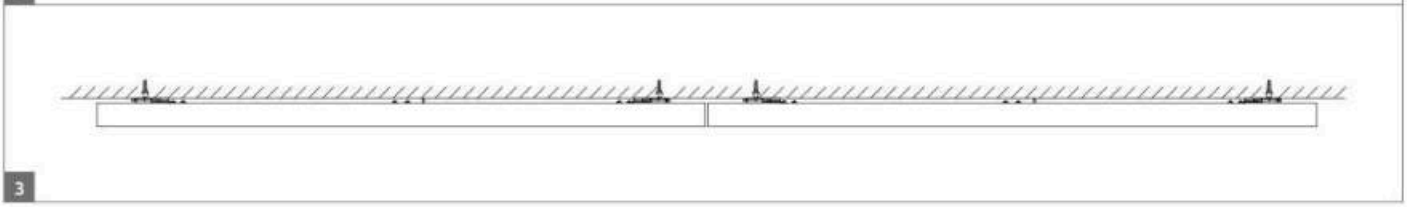


Head-to-Head mounted (light line)

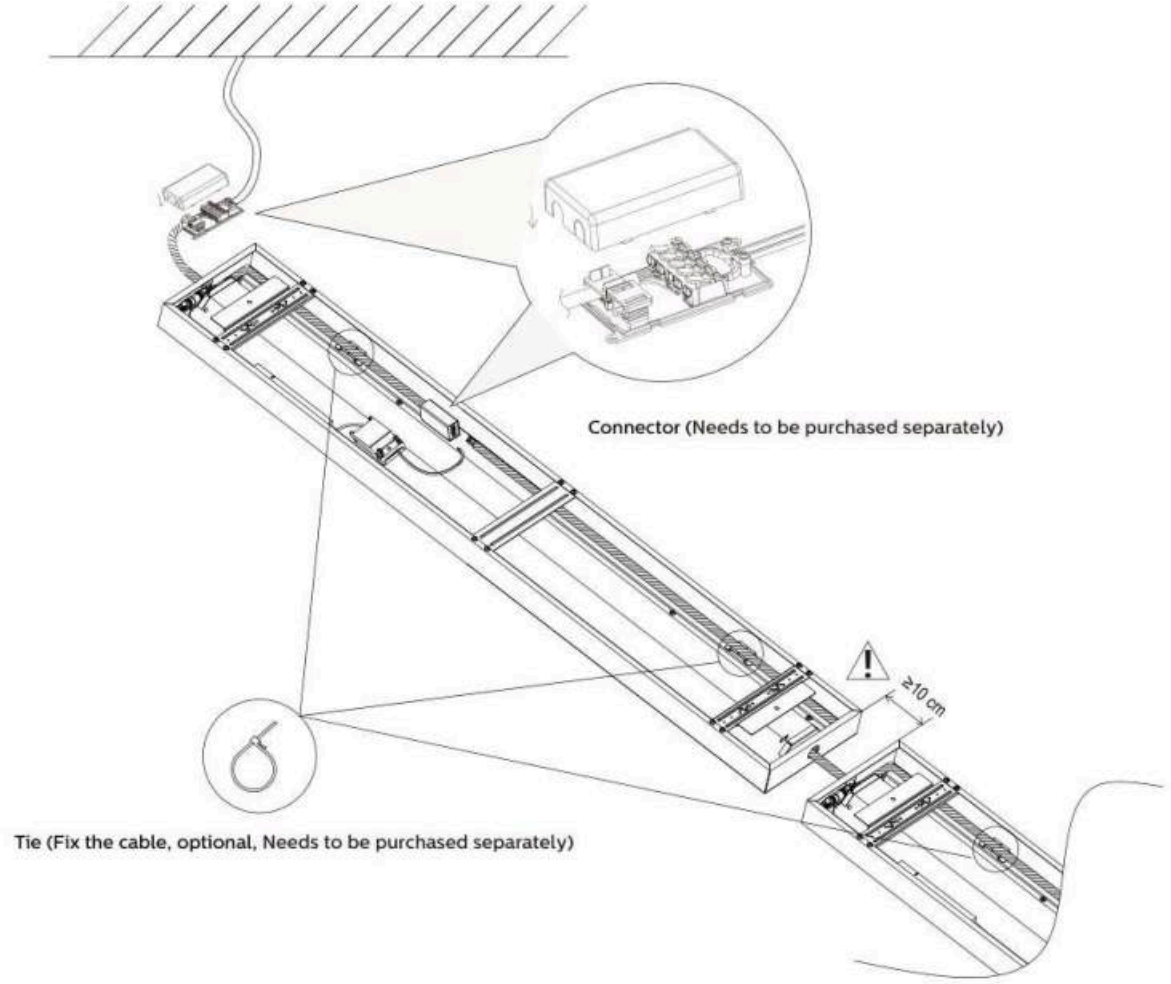






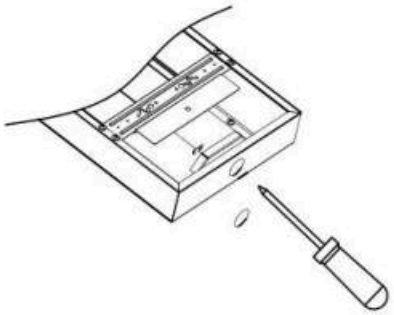


Central electrical connection / side entry electrical connection with through wiring



1. Direct Head-to-Head (inline) mounting.
2. Mounting with central electrical connection / side entry electrical connection with through wiring is possible - not the combination of both.
3.Through wiring cable using wires of 1.5 - 2.5 mm², maximum 15 luminaires can be connected.
4.Inline mounting is possible and through wiring is possible, but not the combination.

1



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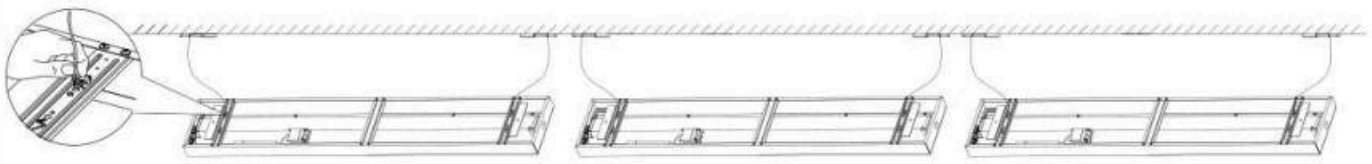

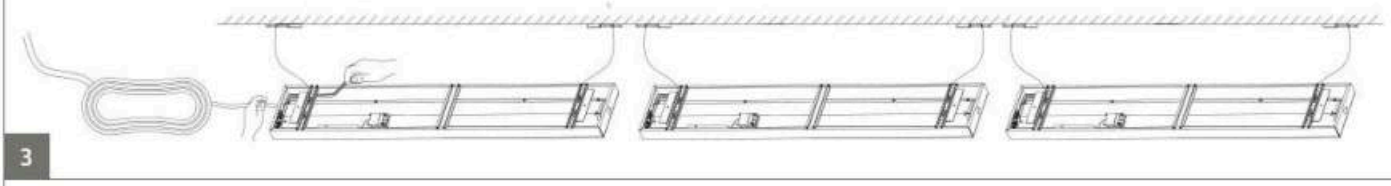

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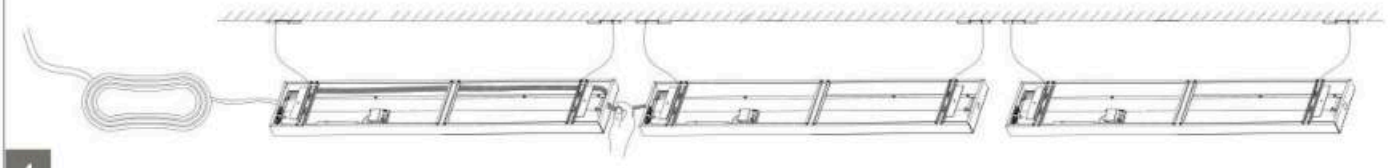

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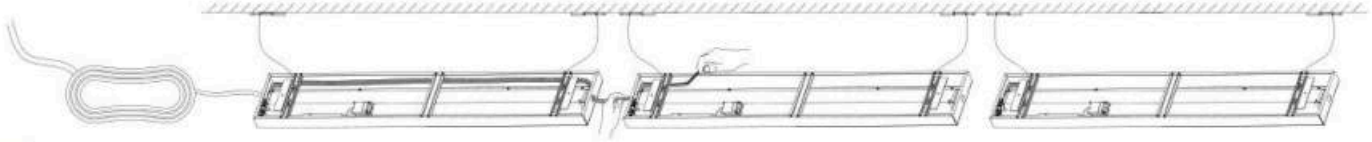

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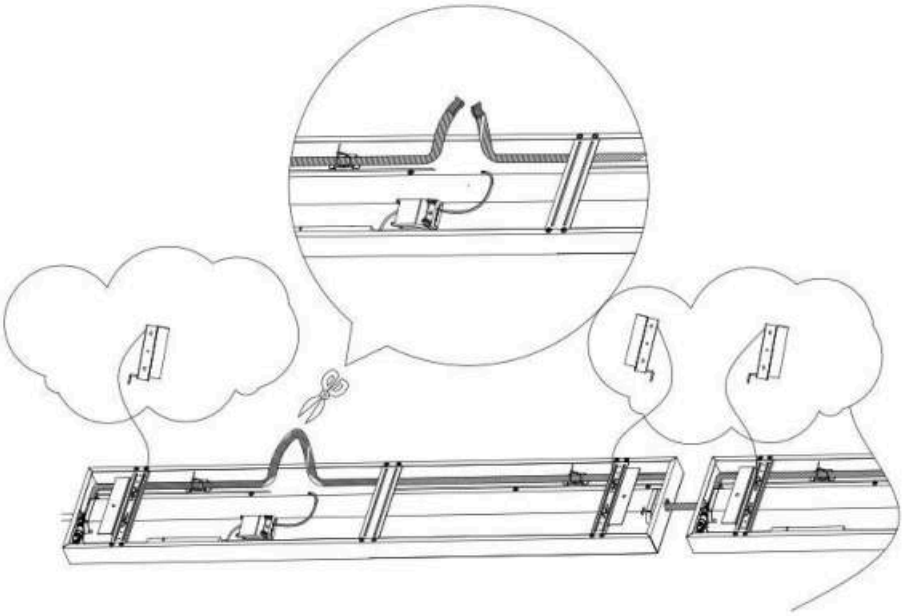

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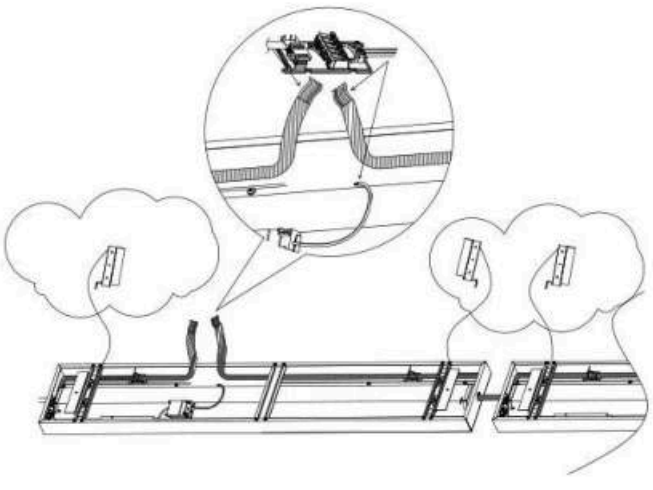

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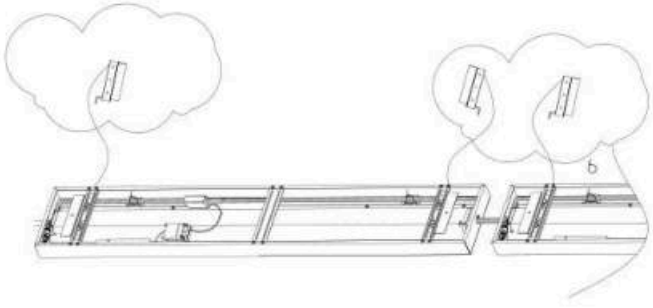
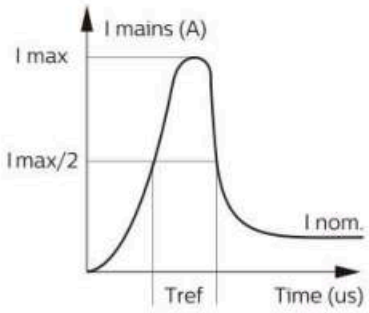


8

Inrush current



	PSU			PSD			WIA
W20L120	23 W	29 W	38.5 W	23 W	29 W	38.5 W	27.5 W
W20L157	22.5 W	29 W	43.5 W	22.5 W	29 W	43.5 W	27.5 W
Electrical specifications							
Imax(A)	25			5.33			4.9
Tref (us)	150			40			56
MCB	No. of luminaires, max.						
B-10 A	24			46			15
B-16A	38			73			24
C-10 A	40			46			25
C-16A	64			73			40

- The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEEE electrical regulations or the national requirements.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- Luminaire must not be used or stored in corrosive environment where hazardous materials such as Sulphur,Chlorine, Phthalates, etc, are present.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

ATTENTION
OBSERVE PRECAUTIONS FOR HANDLING
ELECTROSTATIC SENSITIVE DEVICES