

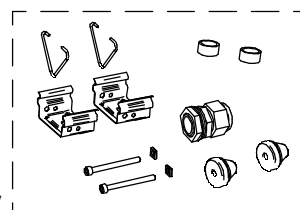
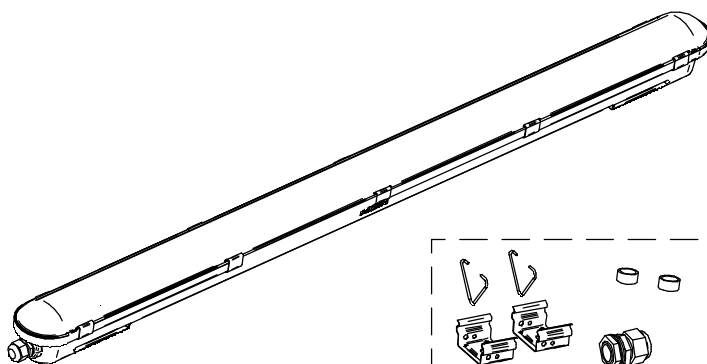
PHILIPS

CoreLine
Waterproof

WT120C G2



Please refer to InterAct commissioning guide
to enable wireless InterAct Ready functionality



220 V
240 V

50 Hz
60 Hz



Max.
35 °C
Min.
-20 °C



LIFETIME
50k HRS



IP65

IK08

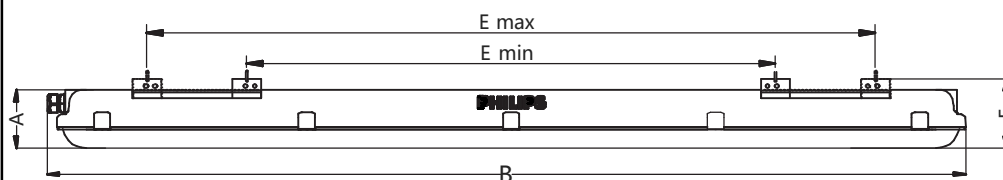
GLOW
WIRE
850 °C



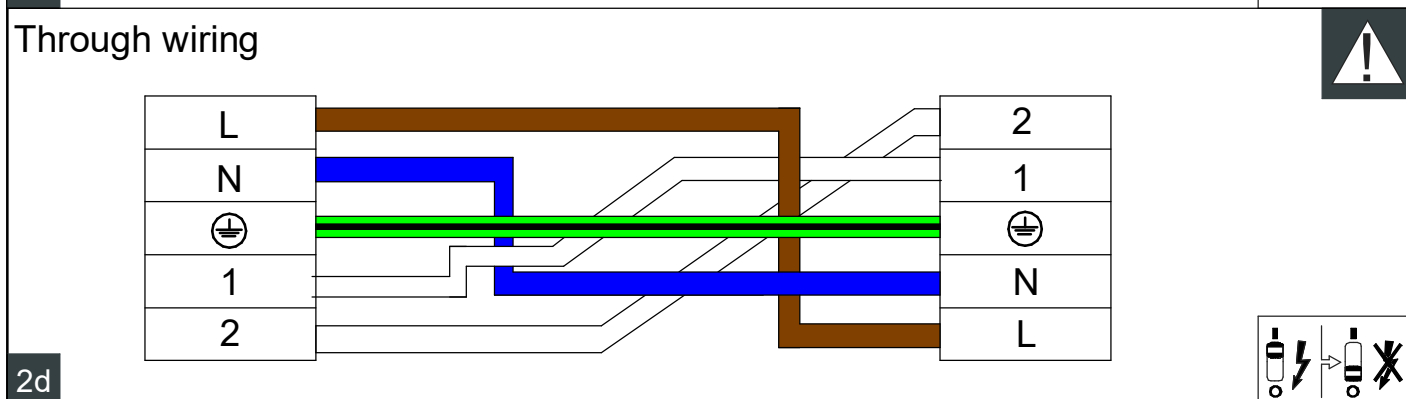
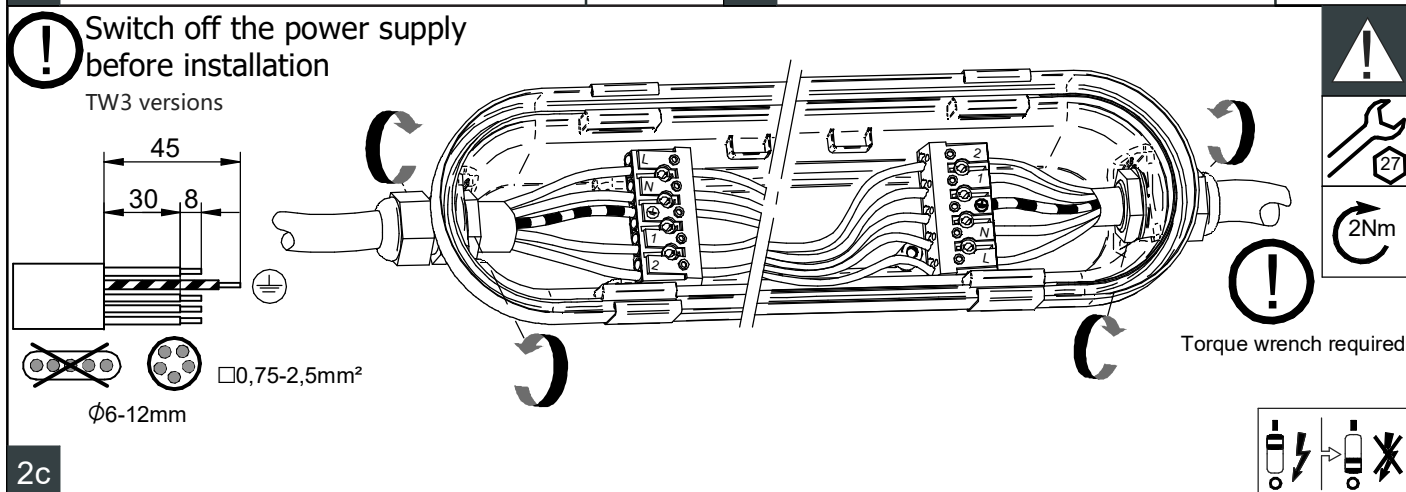
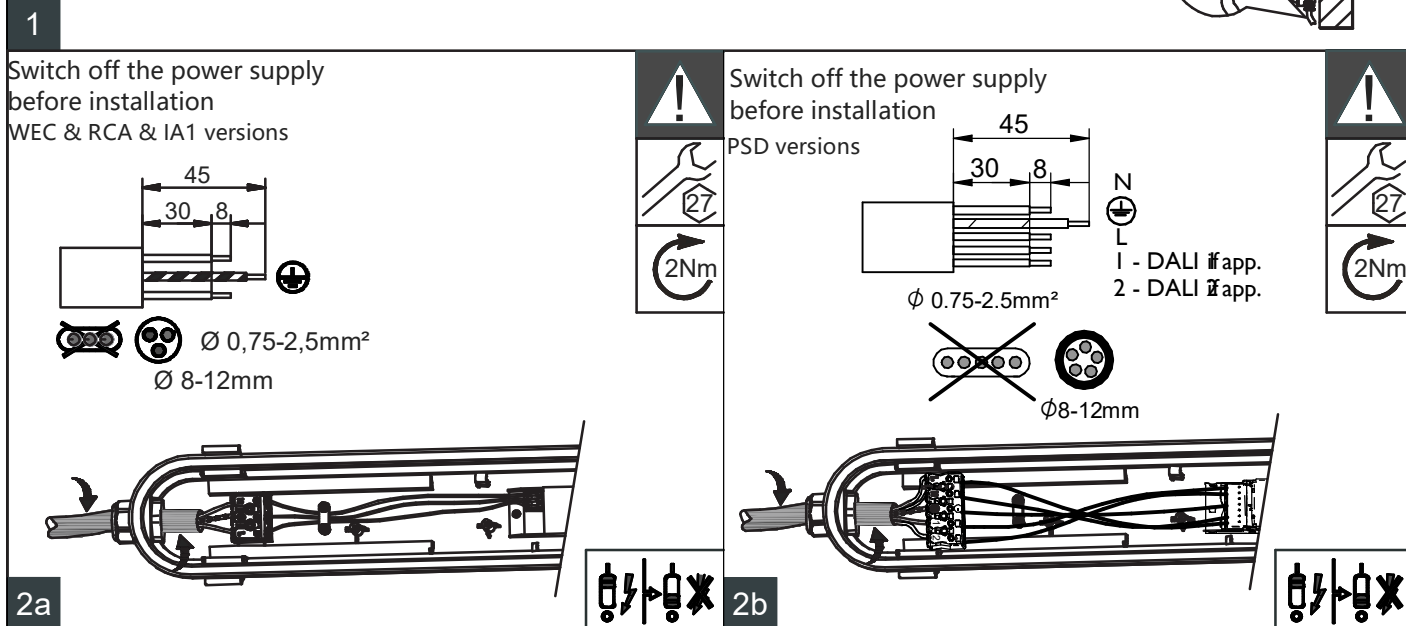
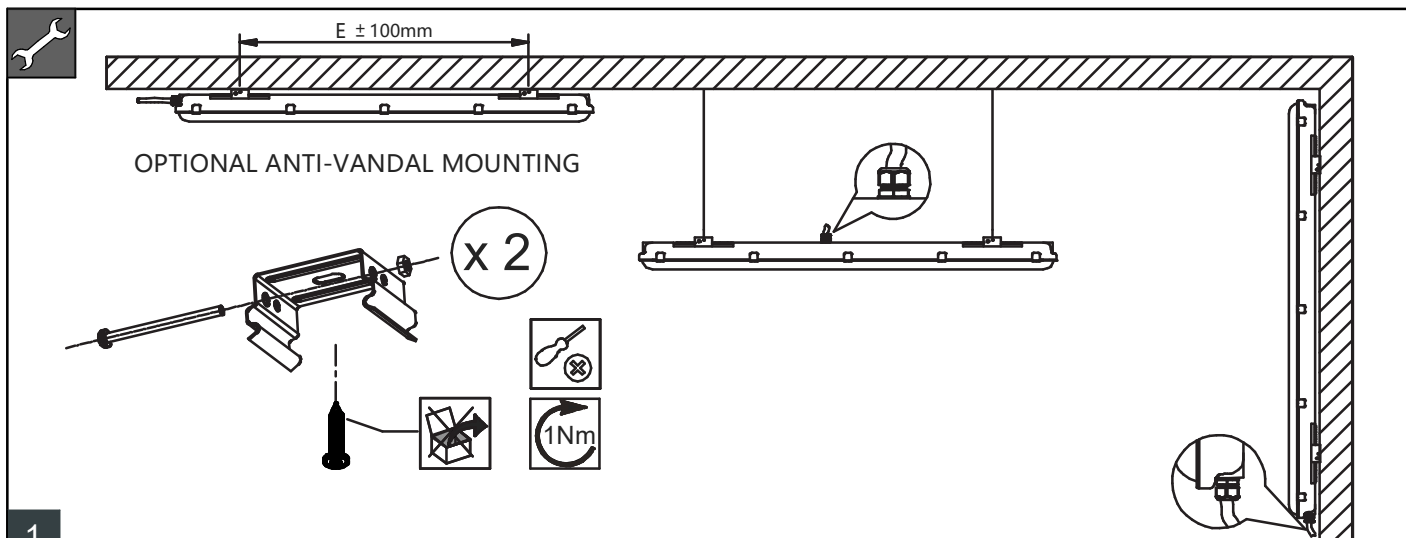
System light
output (Lm)



	System light output (Lm)	
WT120C G2 LED19S/840 PSD L600	1900	0,9
WT120C G2 LED27S/840 PSD L1200	2700	1,4
WT120C G2 LED40S/840 PSD L1200	4000	1,4
WT120C G2 LED34S/840 PSD L1500	3400	1,7
WT120C G2 LED60S/840 PSD L1500	6000	1,7
WT120C G2 LED80S/840 PSD L1500	8000	1,7
WT120C G2 LED27S/840 PSU TW3 L1200	2700	1,5
WT120C G2 LED40S/840 PSU TW3 L1200	4000	1,5
WT120C G2 LED34S/840 PSU TW3 L1500	3400	2,1
WT120C G2 LED60S/840 PSU TW3 L1500	6000	2,1
WT120C G2 LED80S/840 PSU TW3 L1500	8000	2,1
WT120C G2 LED40S/840 PSU WEC L1200	4000	1,4
WT120C G2 LED40S/840 PSU TW1 WEC L1200	4000	1,5
WT120C G2 LED60S/840 PSU WEC L1500	6000	1,7
WT120C G2 LED60S/840 PSU TW1 WEC L1500	6000	1,8
WT120C G2 LED40S/840 IA1 L1200	4000	1,4
WT120C G2 LED60S/840 IA1 L1500	6000	1,7
WT120C G2 LED19S/840 PSU RCA	1900	0,9
WT120C G2 LED40S/840 PSU RCA	4000	1,4
WT120C G2 LED60S/840 PSU RCA	6000	1,7



Type	Dimension (mm)						Nr. of clips	
	A	B	C	D	E _{min}	E _{max}		F
WT120C G2 LED18S L600	76	665	80	38	308	512	85	6
WT120C G2 LED27S L1200		1215			538	1062		10
WT120C G2 LED40S L1200		1515			838	1362		12
WT120C G2 LED34S L1500								
WT120C G2 LED60S L1500								
WT120C G2 LED80S L1500								

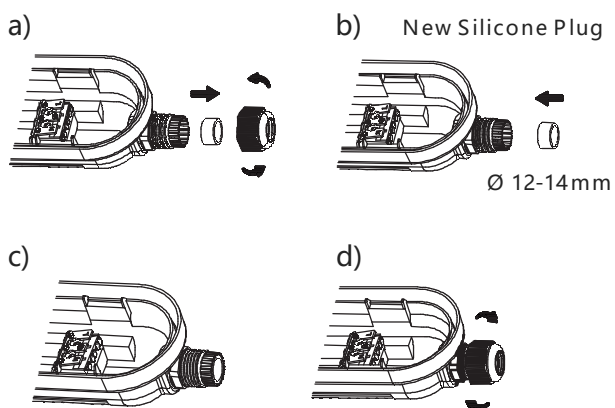


Switch off the power supply
before installation



Must be free
of burrs
to keep IP65 protection





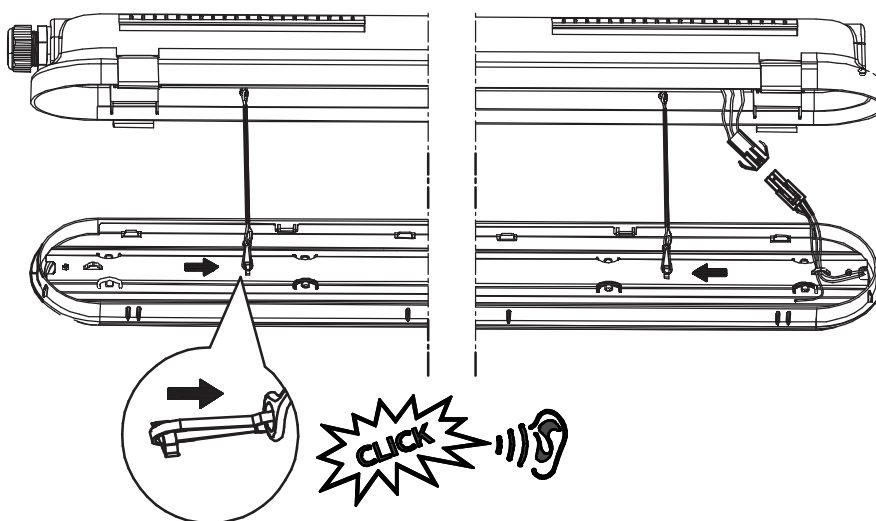
Ø 12-14mm

Ø 12-14mm

3



4



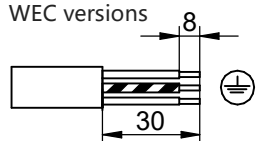
Use only optical sub-assembly
is delivered with housing in one box!

5



Switch off the power supply
before installation

WEC versions



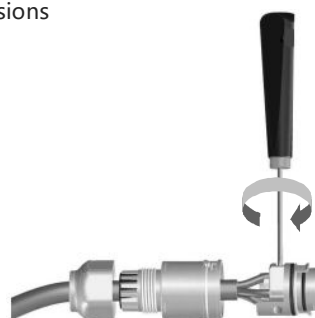
6a



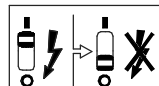
 □ 1,5-2,5mm²
Ømm

 ϕ mm

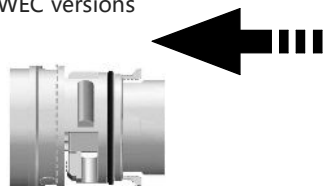
WEC versions



6b

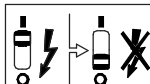


WEC versions



6c

WEC versions

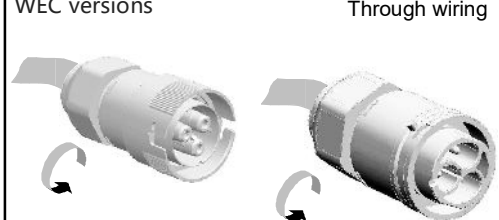


WEC versions



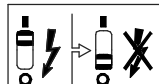
6d

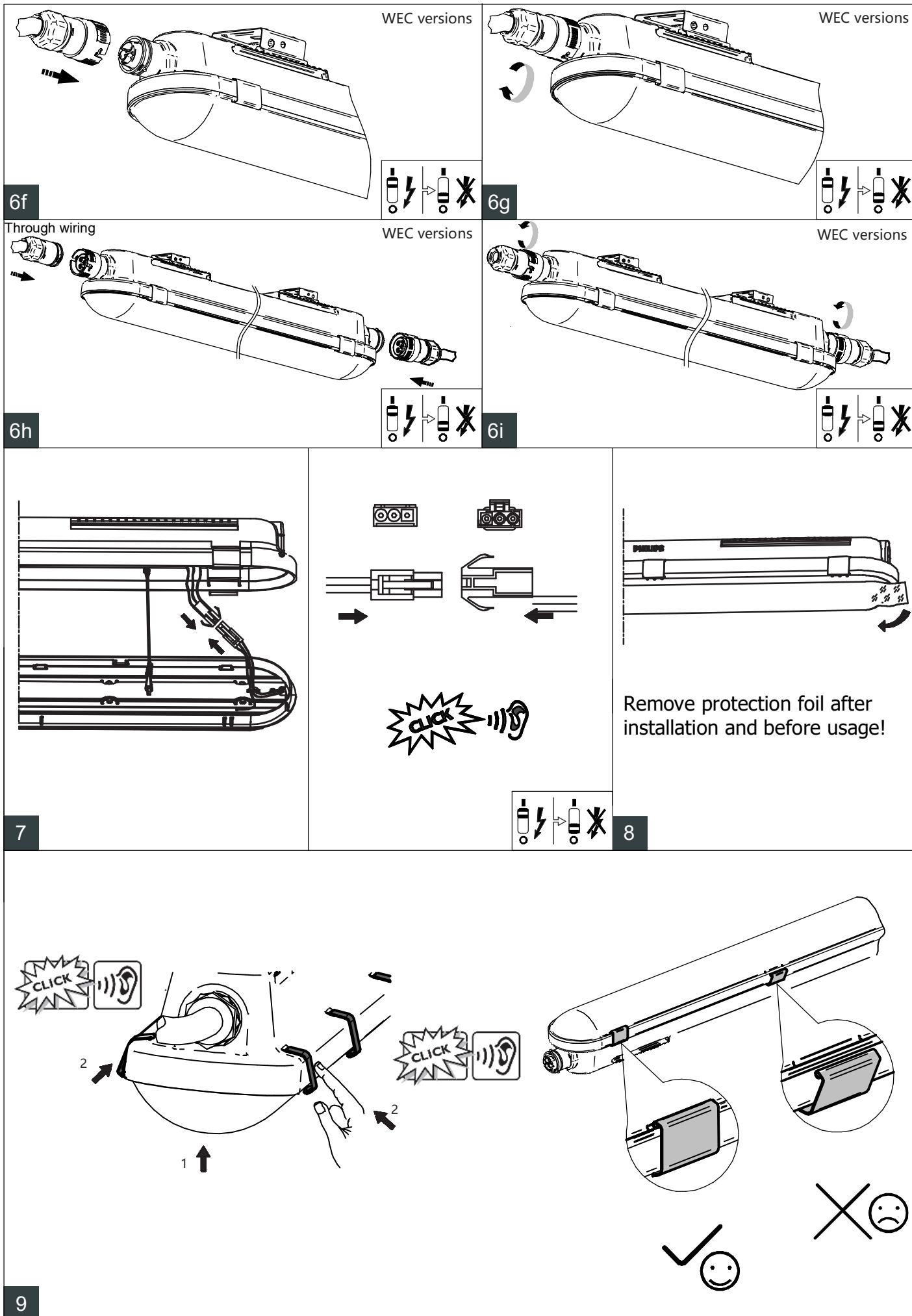
WEC versions



6e

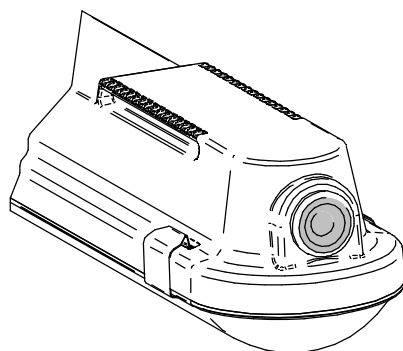
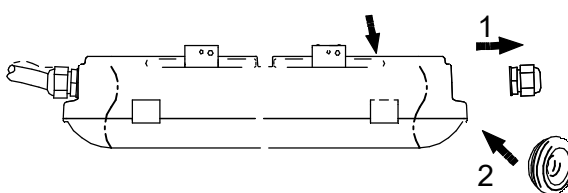
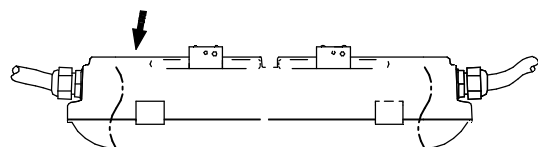
Through wiring





Start of line

End of line

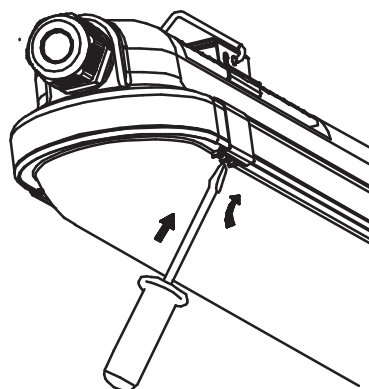


10

SERVICE

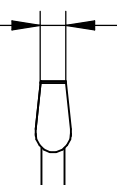
Light source (LED) is non-user replaceable.
The light source contained in this luminaire shall only be replaced by the manufacturer or his agent or a similar qualified person.

Do not touch electronic components!
Electronic components maybe under high voltage.
Caution, risk of electric shock

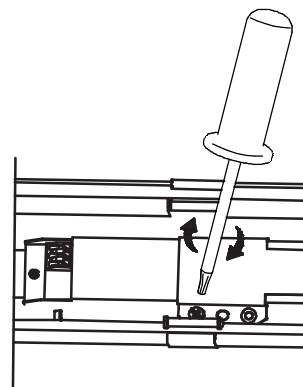
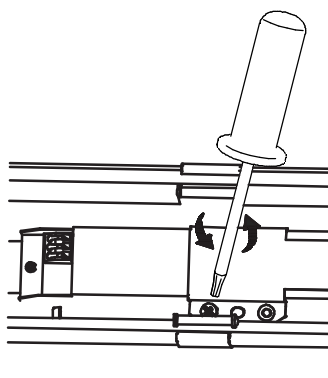
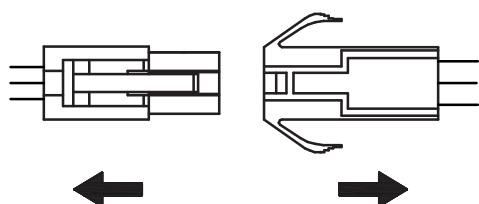


Maximal screwdriver size:

MAX 6mm

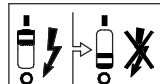


11a



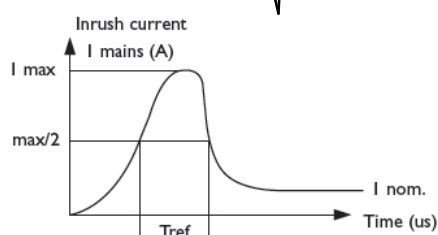
1,2Nm

New driver



11b

	LED19S			LED27S		LED34S	
Driver type	PSU (Certa)	PSU (Xitanium)	PSD	PSU	PSD	PSU	PSD
I _{peak} [A]	3,58	15,1	19,4	3,58	19,4	5,16	19,4
T _{ref} [μs]	40	230	200	40	200	47	200
Max. Nr of products							
Drivers / MCB 16A type B [max.]	80	33	30	80	30	60	30
Drivers / MCB 10A type B [max.]	50	20	18	50	18	37	18
Drivers / MCB 16A type C [max.]	136	56	51	136	51	102	51
Drivers / MCB 10A type C [max.]	80	34	31	80	31	62	31



LED40S						LED60S			LED80S		
Driver type	PSU	PSU (Xitanium)	PSD	IA1	PSU	PSU (Xitanium)	PSD	IA1	PSU	PSD	
Ipeak [A]	5,16	15,1	19,4	22	5,56	17,8	20,9	22	6,9	20,9	
Tref [μs]	47	230	200	270	47	282	192	270	58	192	
Max. Nr of products											
Drivers / MCB 16A type B [max.]	60	33	30	22	45	24	29	22	30	29	
Drivers / MCB 10A type B [max.]	37	20	18	13	28	15	18	13	18	18	
Drivers / MCB 16A type C [max.]	102	56	51	37	76	40	49	37	51	49	
Drivers / MCB 10A type C [max.]	62	34	31	22	46	24	30	22	31	30	

Maintenance instructions

To assure the lighting quality of this unique LED lighting concept there are only a few instructions regarding the maintenance of this LED luminaire:

- * Do not stare into LED light beam
- * The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements
- * Above average concentration of sulfur effects the useful lifetime of the product.
E.g: Light color changes from white to blue. Typically in chicken & pig farms
- * The luminaires are not suitable for CBS (Central Battery System)

