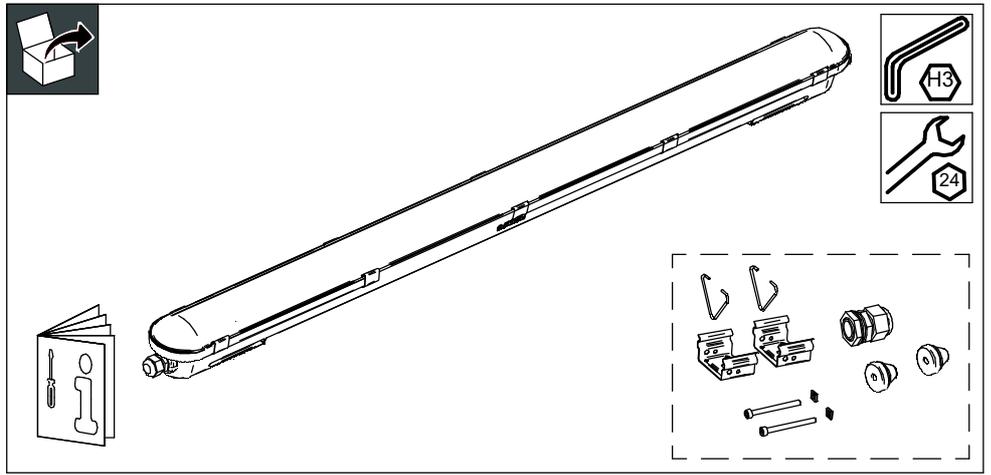


# PHILIPS

CoreLine  
Waterproof

WT120C EL



220 V  
240 V

50 Hz  
60 Hz



Max. 25 °C  
Min. 0 °C



LIFETIME  
50k HRS



IP65

IK08

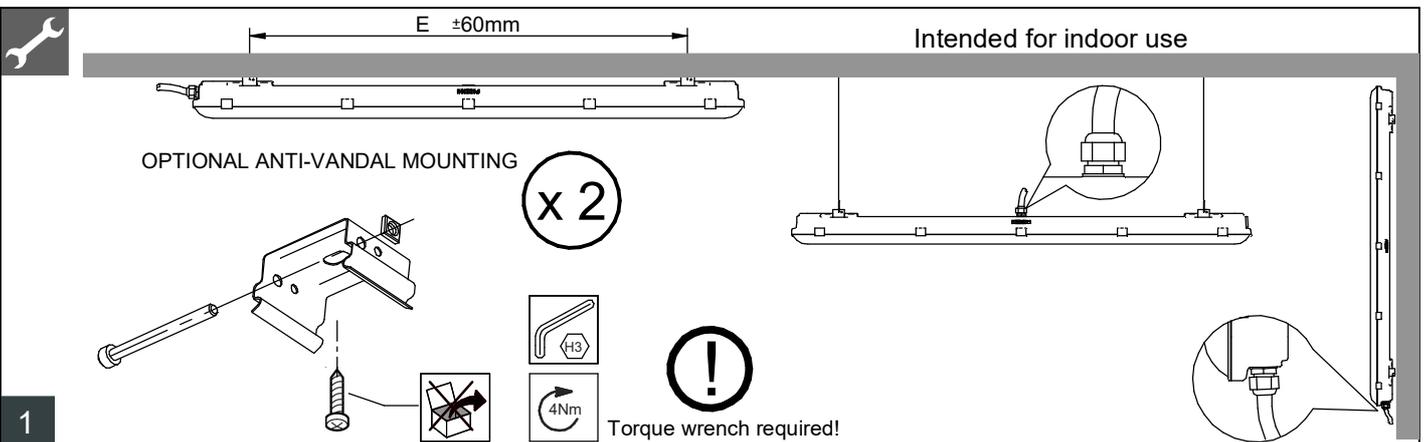


GLOW WIRE  
850 °C



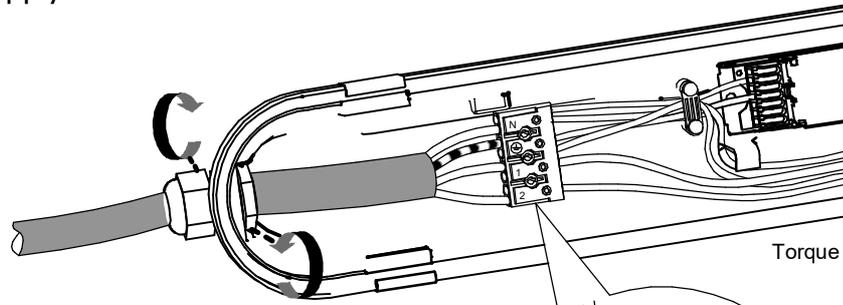
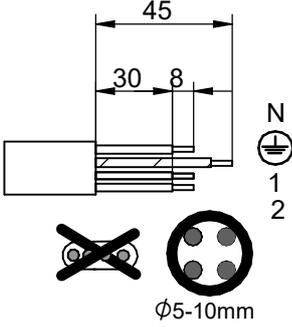
Type	System light output (Lm)	System light output Emergency mode (Lm)	Color temperature (K)	kg
WT120C LED22S/840 PSU L1200 EL1	2900	390	4000	2,3
WT120C LED22S/840 PSU L1200 EL3	2900	390	4000	2,5
WT120C LED40S/840 PSU L1200 EL1	4100	390	4000	2,3
WT120C LED40S/840 PSU L1500 EL3	4100	390	4000	2,5
WT120C LED34S/840 PSU L1500 EL1	3500	390	4000	2,5
WT120C LED34S/840 PSU L1500 EL3	3500	390	4000	2,7
WT120C LED60S/840 PSU L1500 EL1	6000	380	4000	2,5
WT120C LED60S/840 PSU L1500 EL3	6000	380	4000	2,7
WT120C LED80S/840 PSU L1500 EL3	8000	380	4000	2,7

Type	Dimension (mm)						Nr. of clips
	A	B	C	D	E	F	
WT120C LED22S L1200	82	1250	87	38	960	96	10
WT120C LED40S L1200							
WT120C LED34S L1500		1530					
WT120C LED60S L1500							
WT120C LED80S L1500							



**!** Switch off the power supply before installation

□0,75-2,5mm<sup>2</sup>

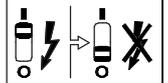


Torque wrench required!



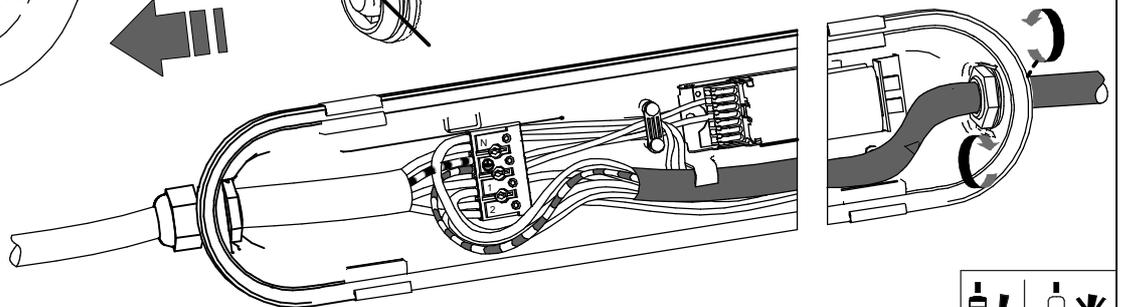
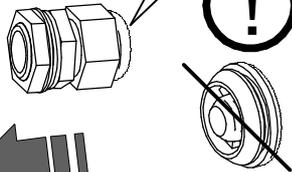
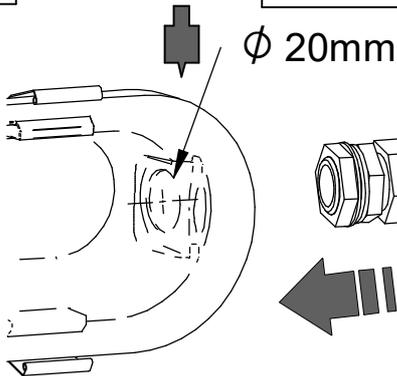
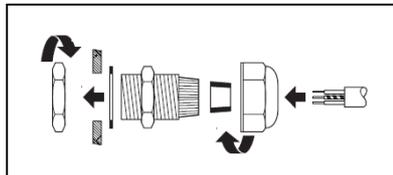
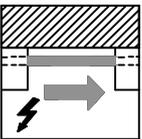
UN-SWITCHED / NON-MAINTAINED LINE

SWITCHED / MAINTAINED LINE

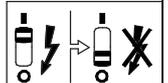


2

**THROUGH WIRING**

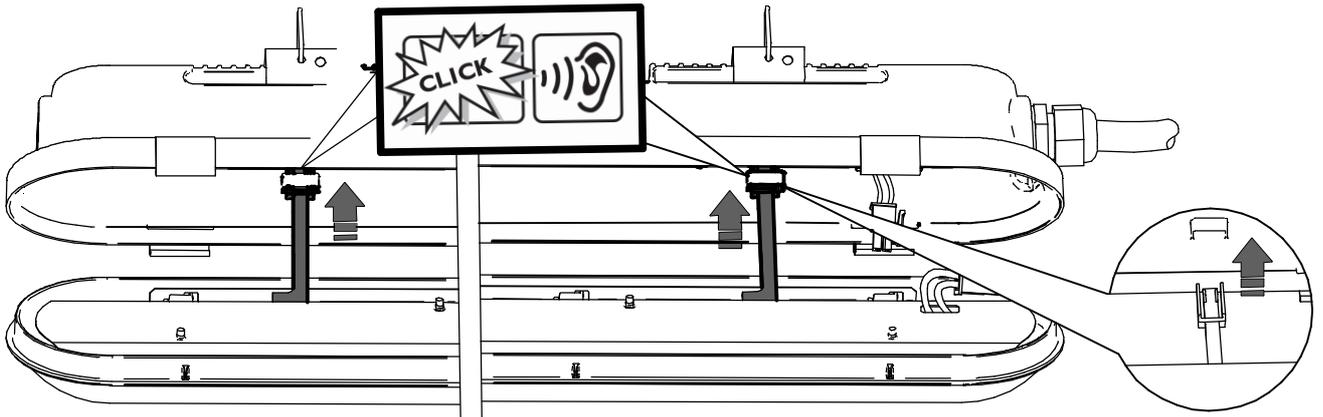


Torque wrench required!

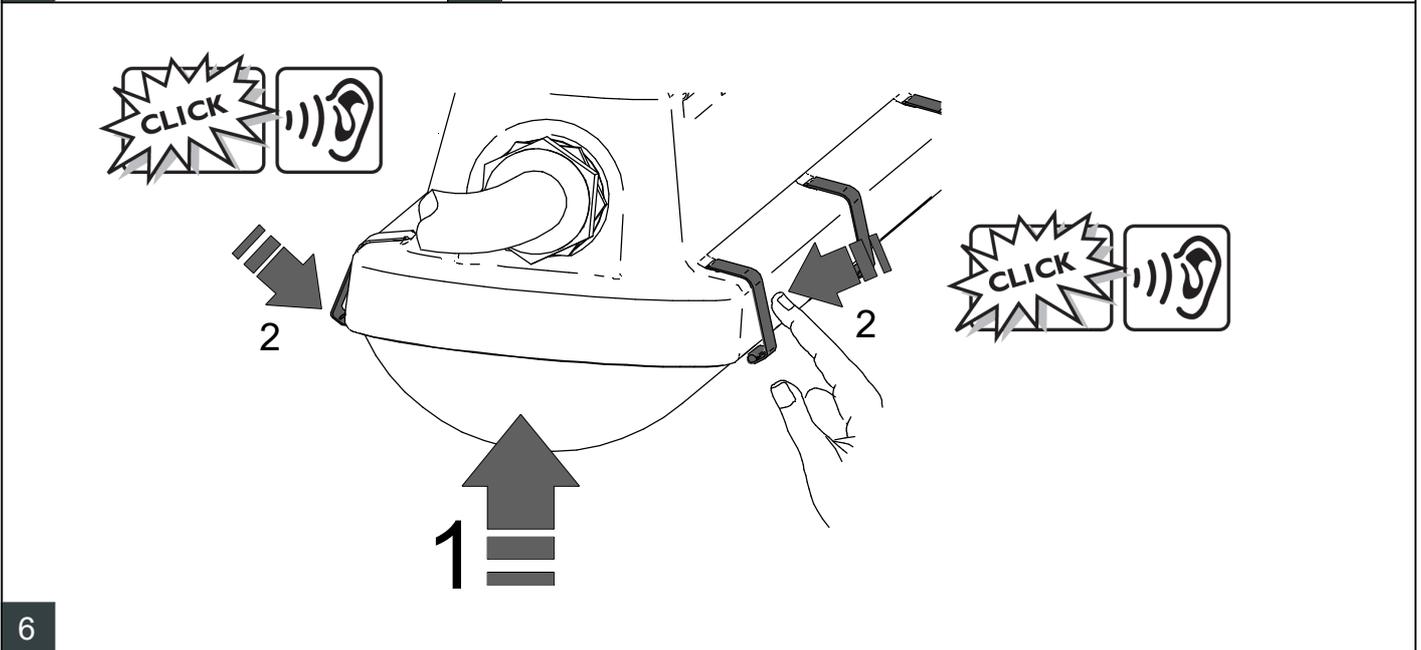
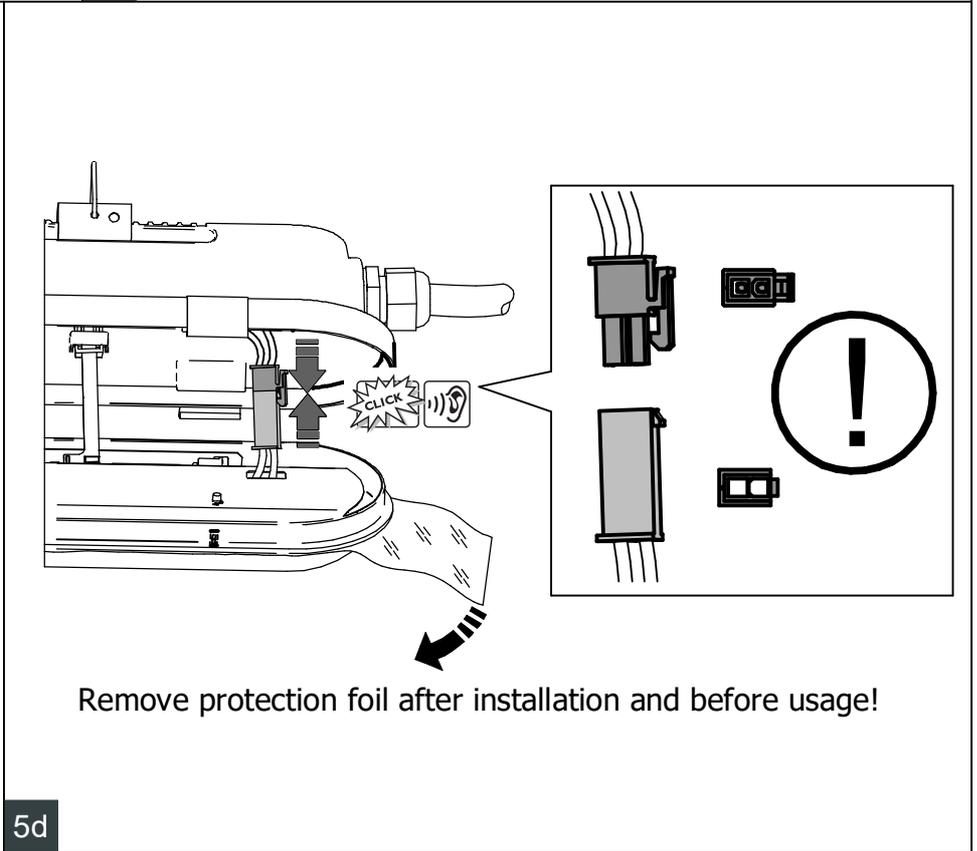
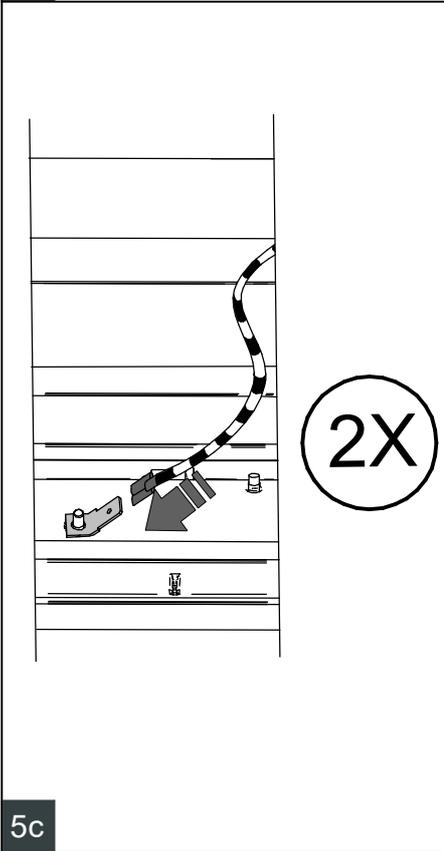
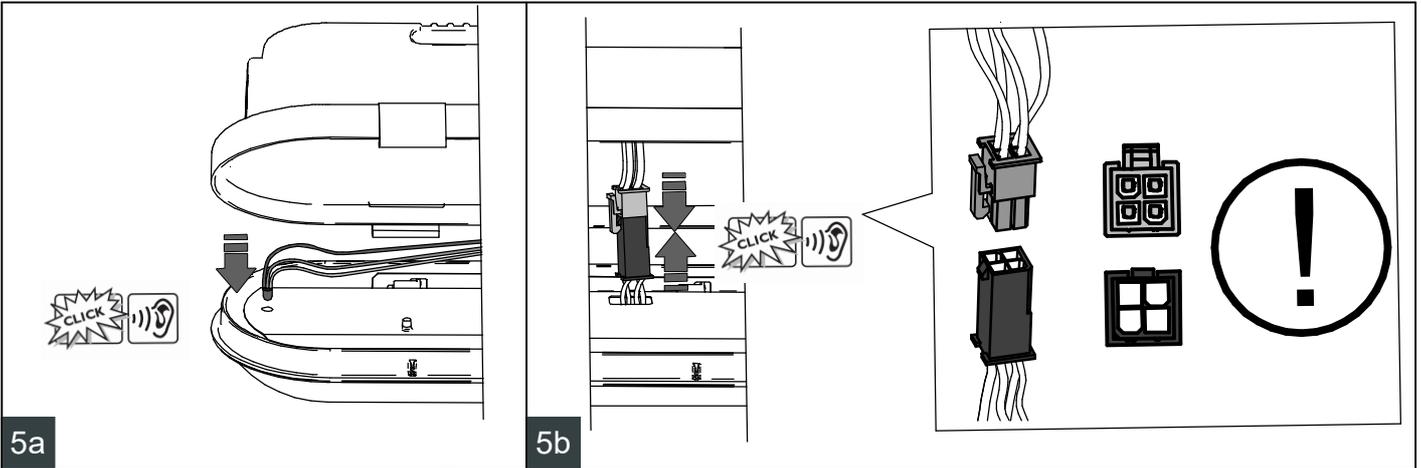


3

USE ONLY OPICAL SUB-ASSEMBLY THAT DELIVERED WITH HOUSING IN ONE BOX



4

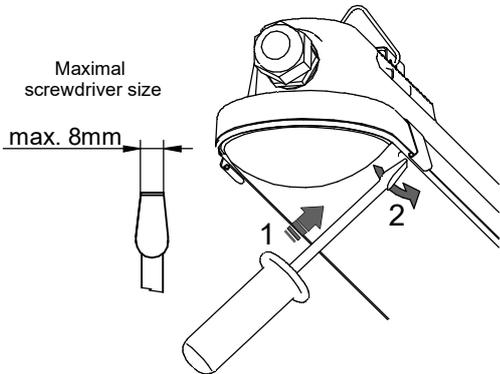


## SERVICE (DRIVER REPLACEMENT)

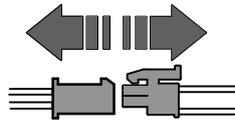
The batteries have a life time expectancy of 4 years.

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.

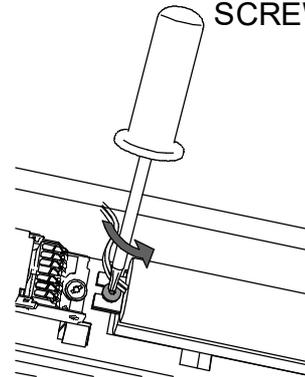
### A) OPEN LUMINAIRE



### B) DECOUPLE BATTERY WIRES



### C) UNTIGHT BATTERY SCREWS

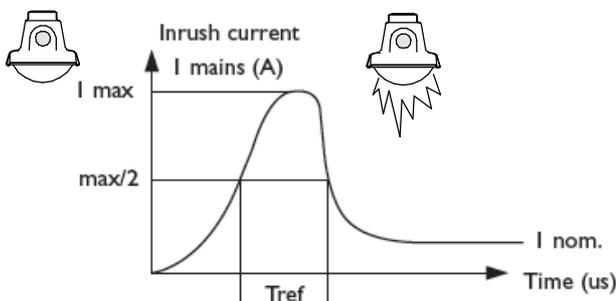


7

Do not touch electronic components!  
Electronic components may be under high voltage.



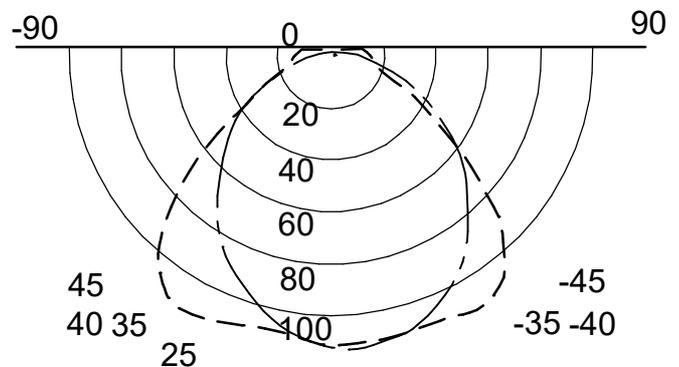
	LED22S	LED34S	LED40S	LED60S	LED80S
$I_{peak}$ [A]	15,1	15,1	15,1	17,8	6,02
Twidth [ $\mu$ s]	230	230	230	282	65
Drivers / MCB 16A type B [max.]	33	33	33	24	18
Drivers / MCB 10A type B [max.]	20	20	20	15	11
Drivers / MCB 16A type C [max.]	56	56	56	40	30
Drivers / MCB 10A type C [max.]	34	34	34	24	18



## LIGHT INTENSITY DISTRIBUTION CURVES EMERGENCY MODE

--- C 0-180 PLANE

--- C 90-270 PLANE



## 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.

