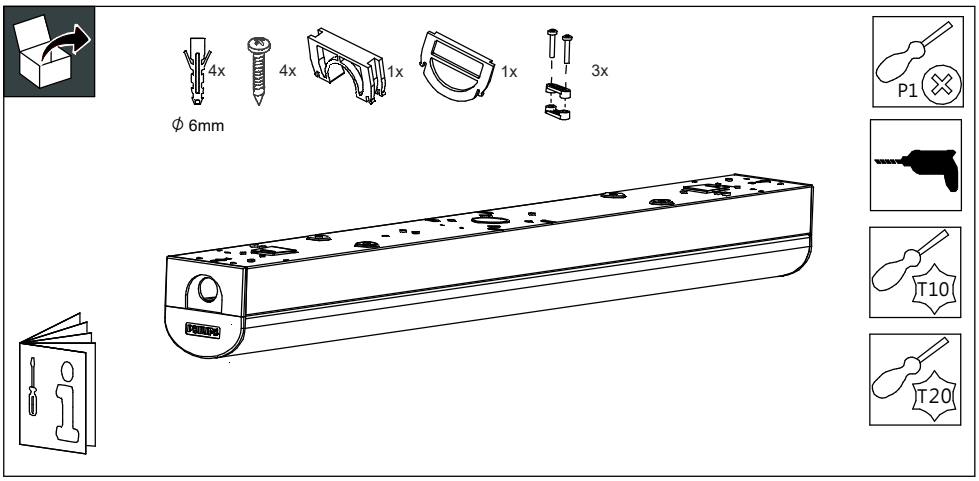
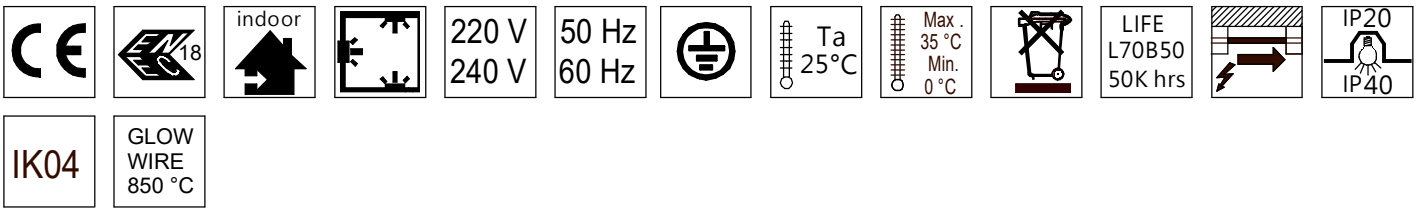
PHILIPS

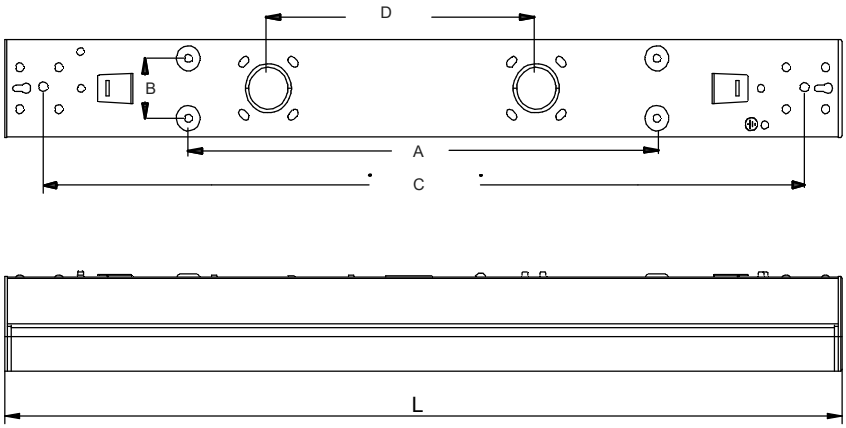
CoreLine Batten

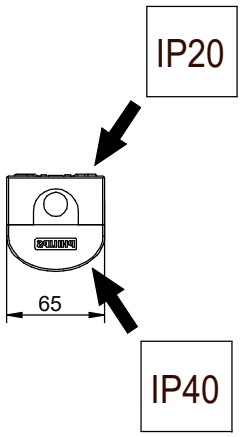
BN126C EL

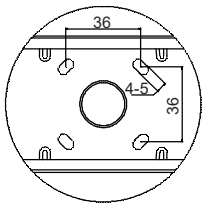




	System light output (Lm)	System light output Emergency mode (Lm)	kg
BN126C LED41S/840 PSU ELB3 TW1 L1200	4100	420	1,8
BN126C LED52S/840 PSU ELB3 TW1 L1500	5200	420	2,1





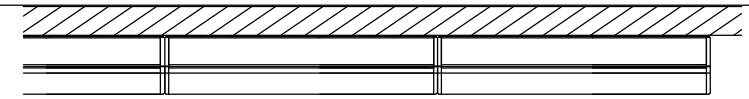


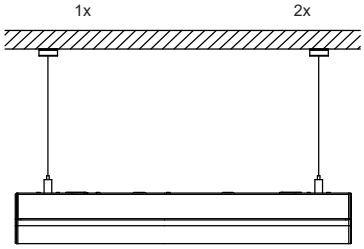
A/B:
Fixed Mounting Holes
C:
Suspension Mounting Holes
D:
BESA Holes
Unit: mm

Type	Dimension (mm)						
	A	B	C	D	H	L	W
BN126C L1200	960	40	1073	600	65	1135	65
BN126C L1500	972	40	1073	600	65	1450	65

444316022561 - 01

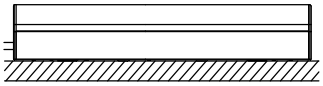
Printed in Hungary
Data subject to change without notice
Keep for future reference: www.philips.com/lighting

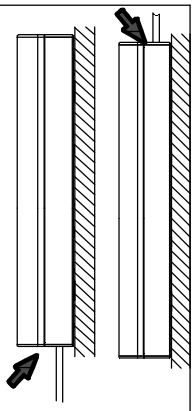




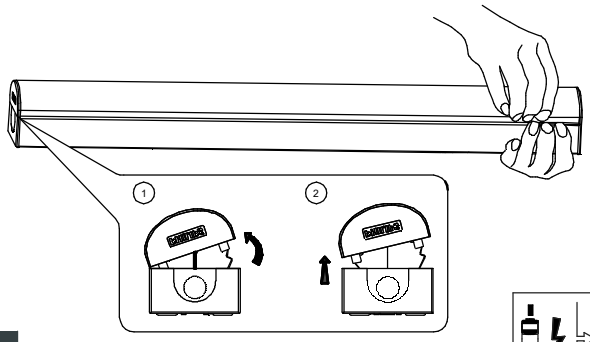
Max.number of connected luminaire 10x

or

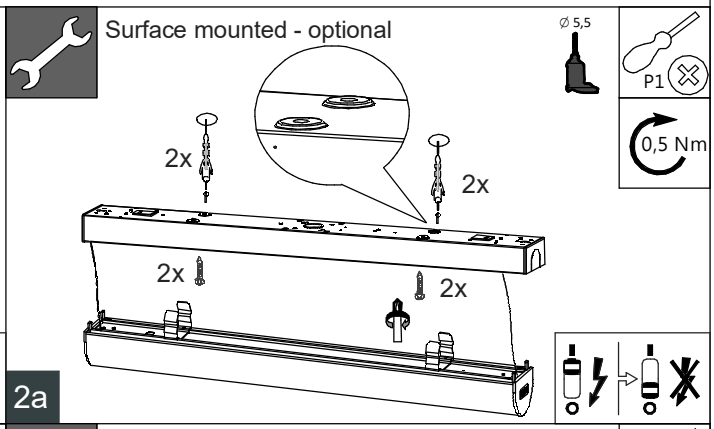




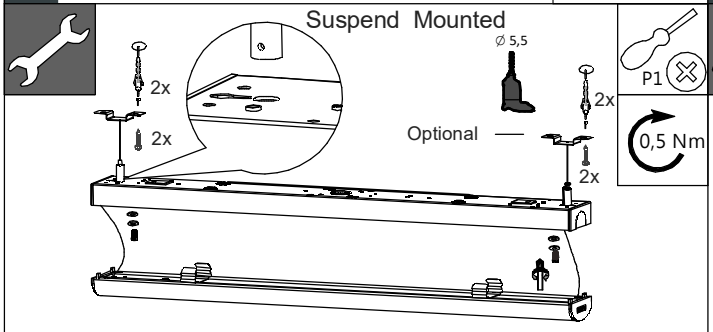
The luminaire shall be installed by a qualied electrican and wired in accordance with the latest IEE electrical regulations or the national requirements.



1



2a



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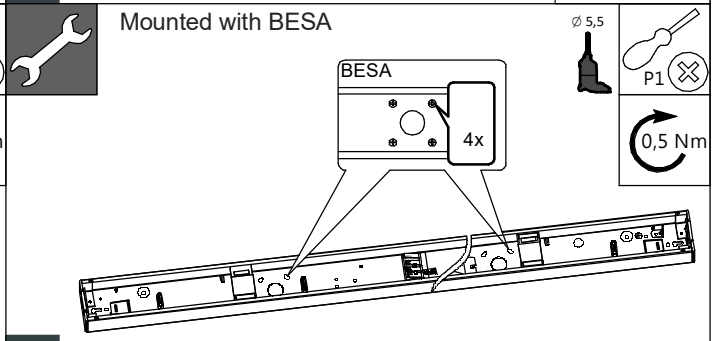
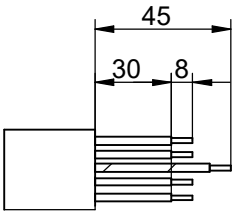
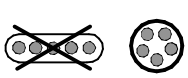


2c

Wiring from end hole



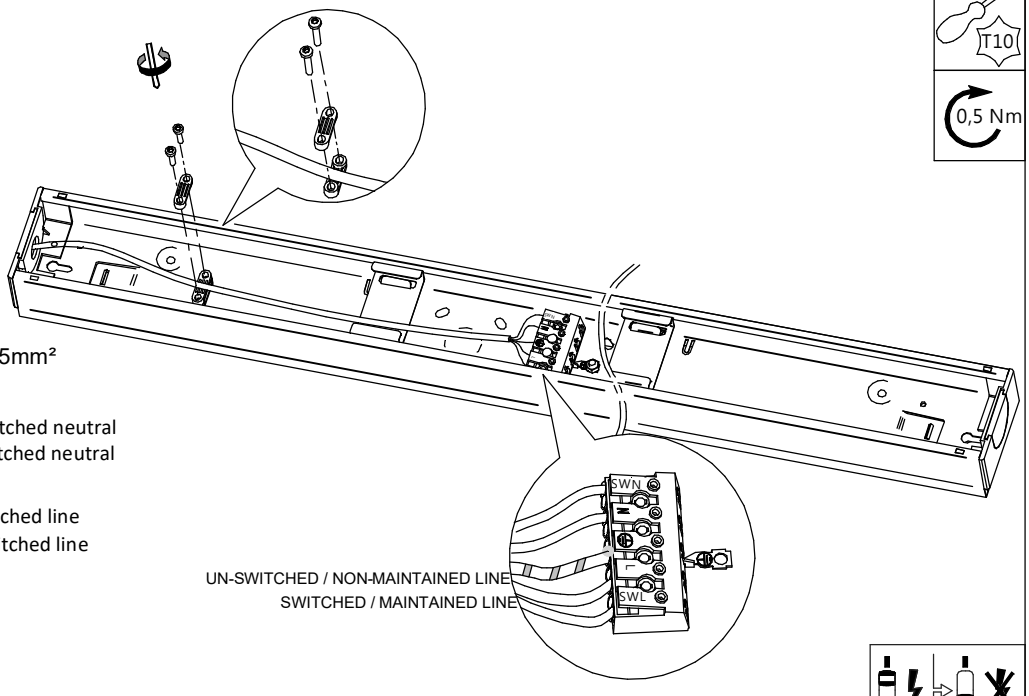


□0,75-2,5mm²

ϕ6-12mm

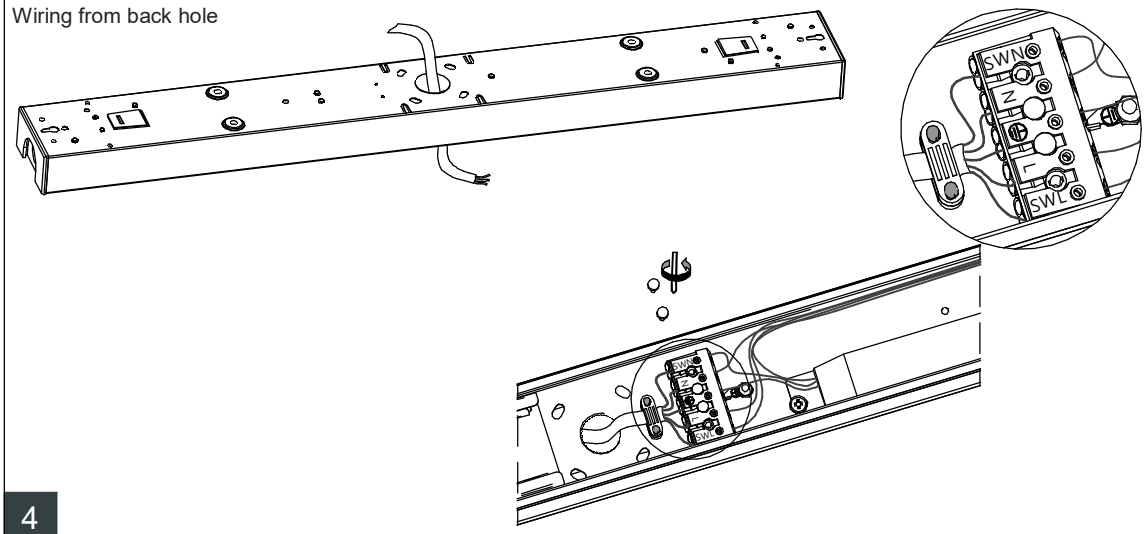
SWN - Switched neutral
N - Unswitched neutral

L- Unswitched line
SWL - Switched line



3

Wiring from back hole



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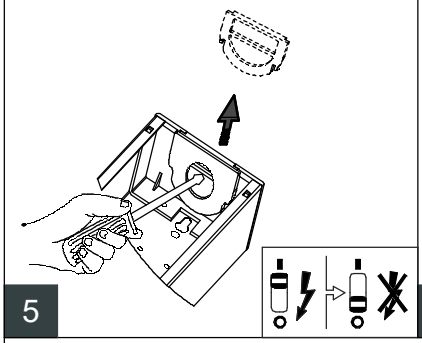

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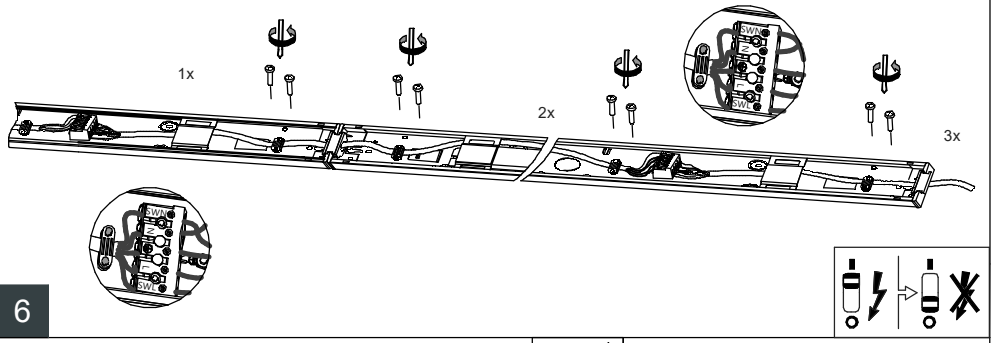
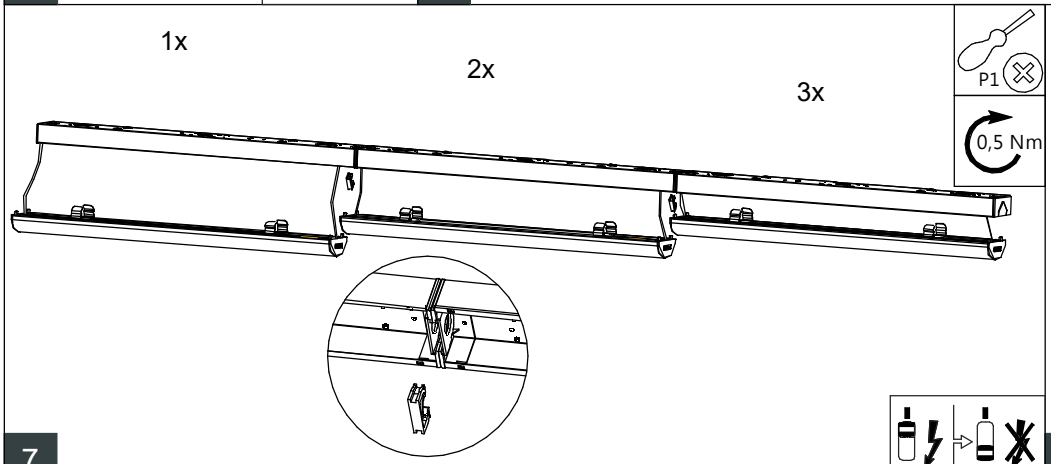


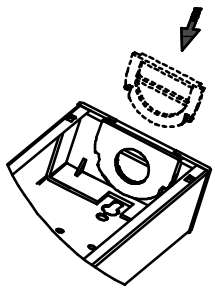
6

1x
2x
3x



7

The end face of the first luminaire and the last luminaire



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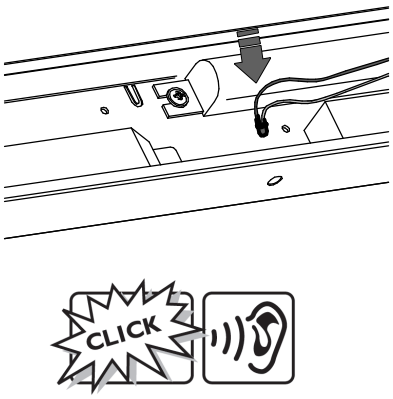

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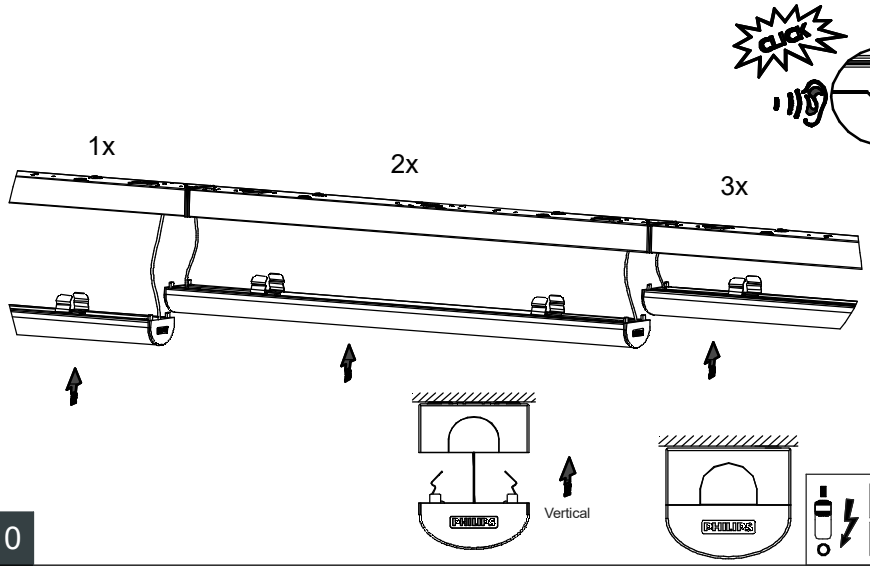
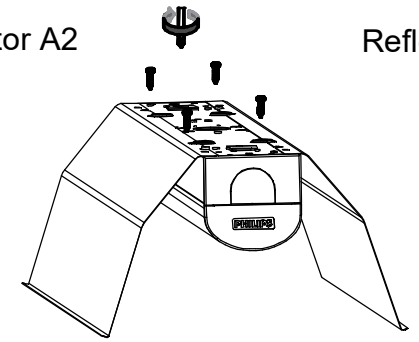


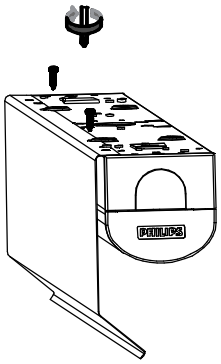
10

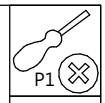
Reflector A2

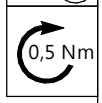


Reflector A1

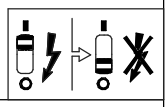
or





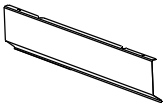


Reflector:A2 It can be fixed either on one side or on both sides

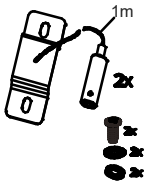


Item	Installation mode	12NC	Description
1	suspension	911401776802	BN126Z SC
2	surface or suspension	911401776822	BN126Z REF A1 L1200
3	surface or suspension	911401776832	BN126Z REF A1 L1500
4	surface or suspension	911401776862	BN126Z REF A2 L1200
5	surface or suspension	911401776872	BN126Z REF A2 L1500

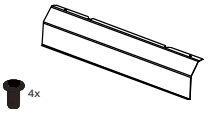
Reflector A1

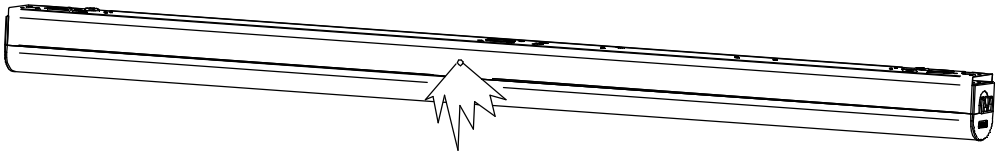


Suspension Wire



Reflector A2

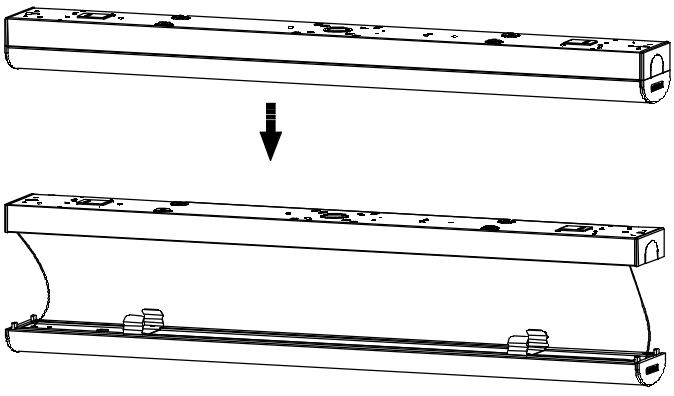




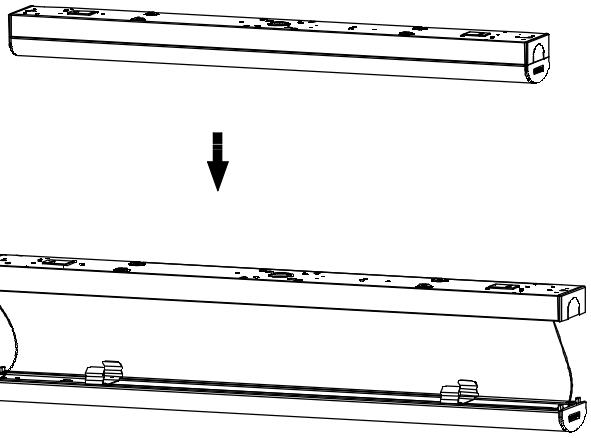
Status LED indication shown on page 6

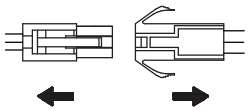
SERVICE

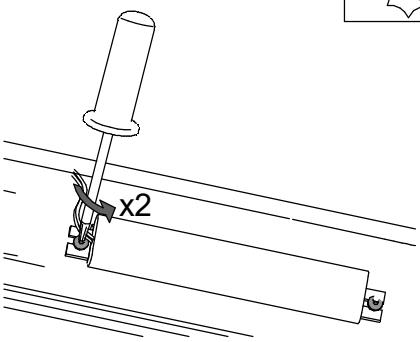
The light source of this luminaire is not replaceable; when the light source reaches it's end of life the whole luminaire shall be replaced.
LED driver is not serviceable. When it reaches it's end of life the whole luminaire shall be replaced.
Luminaire must not be used or stored in corrosive environment where hazardous materials such as sulphur, chlorine, phthalates, etc, are present.



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

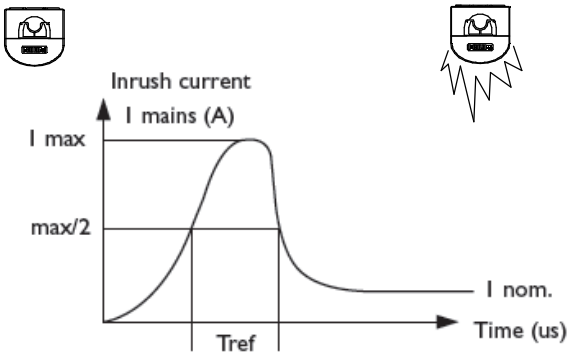






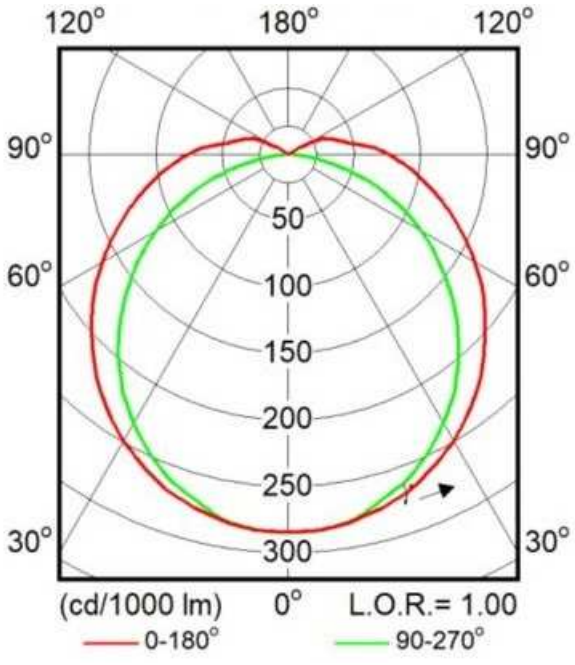
The batteries have a life time expectancy of 4 years.
Do not touch electronic components!
Electronic components may be under high voltage.

10



	LED41S	LED52S
Ipeak [A]	5,16	5,56
Tref [µs]	47	47
	Max. Nr of products	
Drivers / MCB 16A type B [max.]	60	45
Drivers / MCB 10A type B [max.]	37	28
Drivers / MCB 16A type C [max.]	102	76
Drivers / MCB 10A type C [max.]	62	46

Light intensity distribution curves
Emergency mode



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 concentracion of sulfur effects the useful lifetime of the product. E.g: Light color changes from white to blue. Typically in chicken & pig farms.

Functional Notice for Emergency Lighting

Automatic emergency time selection

After installation and power up the driver will detect the battery and start the automatic detection process.

• During automatic detection, the indicator LED will light up with short green flashes.

• Between minimum 6 and maximum 30 seconds the TrustSight driver will set the battery type (number of cells) and will set the emergency output power accordingly.

After that, the system is defined and fully operational. The battery type definition has influence on the performance during the self-test and on the battery charge method. When the automatic battery detection process is disrupted, e.g. by switching off the permanent mains, the detection process is stopped and the TrustSight emergency driver will go into emergency mode with the lowest output power. At a next power up, the automatic detection process will start again.

Periodic testing

Periodic tests of emergency lighting luminaires must be performed according to EN50172 clause 7.2.3 and 7.2.4. Switch on in the emergency mode each month by simulation of a failure of the supply to the normal lighting for a period sufficient to ensure that each lamp is illuminated. Twice per year, each luminaire shall be tested for its full rated duration (at least 3hrs).

For more information please consult the TrustSight Gen 3 Design in guide. The latest version is available online.

LED indicator status

LED indicator *(color / flashing)*	***Error condition***	***Cause***	***Solution***
Green / no flashing		*System OK, battery fully charged*	
Off		*Mains off, EM mode, Rest mode, test in progress*	
Green / slow (0.25s on, 1.25s off)		*System OK, battery is charging*	
Green / fast (0.25s on, 0.25s off)		*System OK, recently tested (< 5 days, Australia mode only)*	
Red / no flashing	*Battery voltage too high or too low*	*No battery connected*	*Connect battery*
		Wrong or bad battery connected	*Replace battery*
Red / fast (0.25s on, 0.25s off)	*Output voltage too low or too high*	*Wrong LED load connected*	*Connect right load and perform functional test*
	No load connected or output shorted	*Wrong connection*	*Connect right load and perform functional test*
Red / slow (0.25s on, 1.25s off)	*Failed test due to battery*	*Battery end of life* *Charger failure*	*Replace battery and perform duration test.* *Replace driver*
Red-green / fast *Fast flashing: (on-time = 0.25s, off-time = 0.25s)* *Slow flashing: (on-time = 0.25s, off-time = 1.25s)*		*DALI device identification*	
Green / short *on-time = 50ms, off-time = 0.95s)*		*Battery detection*	