

	DA - Henvisning om bortskaffning (EU) Produktet må ikke bortskaffes sammen med husholdningsaffaldet! Produkter med dette symbol skal i henhold til direktivet (WEEE) om affald af elektrisk og elektronisk udstyr bortskaffes via de lokale indsamlingssteder for gamle el-apparater! Gamle batterier og gamle akkumulatorer, der ikke er fast indbygget i det gamle apparat, og pærer, som uden at blive beskadiget kan tages ud af det gamle apparat, skal før aflevering på en genbrugsstation fjernes fra det gamle apparat uden beskadigelser. Distributører er i henhold til de gældende lovskræve bestemmelse forpligtet til at tage imod gamle apparater fra en slutbruger. Det gamle apparat kan også sendes til følgende adresse til bortskaffelse i Tyskland: SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Tyskland
	PL - Wskazówka dotycząca utylizacji (Unia Europejska) Nie wolno wyrzucać produktu do śmieci domowych! Produkty oznakowane tym symbolem należy utylizować zgodnie z wytycznymi (WEEE) dotyczącymi starych urządzeń elektrycznych i elektronicznych w miejscowych punktach gromadzenia odpadów elektrycznych! Zużyte baterie i akumulatory, które nie są wbudowane w zużyte urządzenie, jak również lampy, które można wyjąć ze zużytego urządzenia w sposób nieniszczący, należy w sposób nieniszczący oddzielić od zużytego urządzenia przed przekazaniem go do punktu zbiórki. Zgodnie z obowiązującymi przepisami dystrybutorzy są zobowiązani do odbioru zużytych urządzeń od użytkownika końcowego. Zużyte urządzenie można również wysłać na poniższy adres w celu utylizacji na terenie Niemiec: SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Niemcy
	RU - Указание по утилизации (Европейский Союз) Не утилизировать прибор вместе с бытовыми отходами! Продукты с подобным обозначением в соотв. с Положением (WEEE) по утилизации старых электрических и электронных приборов необходимо утилизировать через специальные пункты сбора старых электроприборов! Перед доставкой в пункт сбора необходимо отделить от старого устройства неразрушающим способом старые батареи и аккумуляторы, которые не заключены внутри старого устройства, а также лампы, которые можно извлечь из старого устройства неразрушающим способом. Согласно существующему законодательству дистрибьюторы обязаны принимать старые устройства от конечного пользователя. Старый прибор можно также отправить по следующему адресу для утилизации на территории Германии: SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Германия
	SV - Anvisningar för sophantering (Europeiska Unionen) Produkten får ej kastas i hushållssoporna! Produkter som är märkta med denna symbolen ska kastas i enlighet med riktlinjerna (WEEE) för elektriska och elektroniska apparater på de lokala uppsamlingsställena för el- och elektroniksrot. Förbrukade batterier och akkumulatorer, som inte innesluts av aktuellt WEEE, t.ex. lampor, och som på ett icke-destruktivt sätt kan tas loss, ska innan WEEE lämnas till insamlingsstället separeras från den aktuellt WEEE. Distributörer är i enlighet med gällande lagstiftning skyldiga att ta hand om WEEE från slutanvändaren. Den gamla apparaten kan också skickas till följande adress för avfallshantering inom Tyskland: SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Tyskland
	TR - Tasfiye açıklaması (Avrupa Birliği) Ürünü ev çöprüyle birlikte atmayın! Bu sembolü taşıyan ürünler, elektroteknik ve elektronik eski aletlerin yerel elektronik eski aletler toplama yerinde tasfiye edilmesi (WEEE) yönetmeliğine bağlıdır. Eski cihaz kapsamına girmeyen eski piller ve eski akümülatörler ve de eski cihazdan parçalanmadan çıkarılabilen lambalar, kayıt merkezine teslim edilmeden önce eski cihazdan parçalanmadan çıkarılmalıdır. Satıcılar ilgili yasal yükümlülüklerine göre eski cihazları son kullanıcıları geri almakla yükümlüdür. Eski cihaz Almanya içinde imha edilmek üzere aşağıdaki adrese de gönderilebilir: SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Almanya
	HU - Hulladékkezelés (Európai Unió) A terméket ne a hágyományos háztartási hulladékkal együtt dobja ki! A fenti jellel ellátott termékeket a WEEE, irányelv szerint az elektromos és elektronikus termékek számára kihelyezett hulladékgyűjtőbe tegye! Az olyan elemeket és akkumulátorokat, melyek nem zártan vannak a használt készülékbe helyezve valamint a használt készülékből roncsolás nélkül eltávolítható lámpákat a gyűjtőhelyen történő leadást megelőzően károsítás nélkül el kell távolítani. A forgalmazók a vonatkozó jogi előírásoknak megfelelően kötelesek visszavenni a végfelhasználótól a használt készülékeket. A régi készüléket a következő címre is elküldheti Németországban belüli ártalmatlanításra: SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Németország

Disposal Note Type B 17.12.2024

Waterproof P Installation Manual



IMPORTANT SAFETY NOTES



WARNING RISK OF ELECTRIC SHOCK

BEFORE YOU BEGIN

- Read these instructions completely and carefully.
- The installation and connection of the luminaire must be done when switched off and by qualified people. Make sure no voltage while installation.



CAUTION

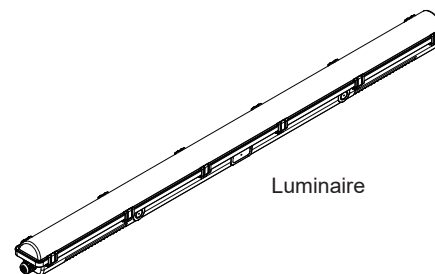
MAINTENANCE

- To avoid injuries, disconnect power to the light and allow the unit to cool down before performing maintenance.
- Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on an annual basis. Frequency of use and environment should determine this
- The Covers should be cleaned periodically as needed to ensure continued photometric performance. Clean the Cover with a damp, non-abrasive, lintfree cloth. If not sufficient, use mild soap or a liquid cleaner. Do not use an abrasive, strong alkaline or acid cleaner as damage may occur.
- Inspect the topside on the luminaire to ensure that it is free of any obstructions or contamination (i.e.excessive dust build-up). Clean with a non-abrasive cloth if needed.

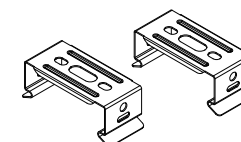


This product contains a light source of energy efficiency class C.

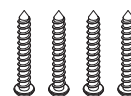
Products



Luminaire



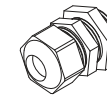
Mounting Brackets



PA4x30mm



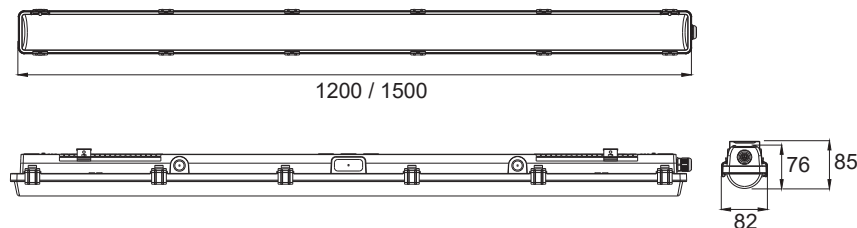
Expansion Tube



Waterproof Connector

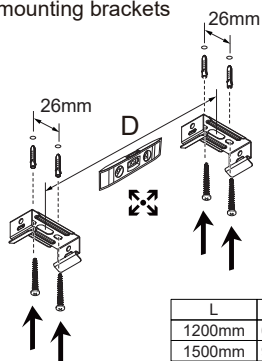
Dimensions

[mm]

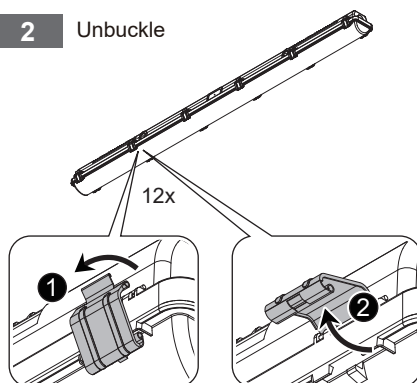


Installation Steps

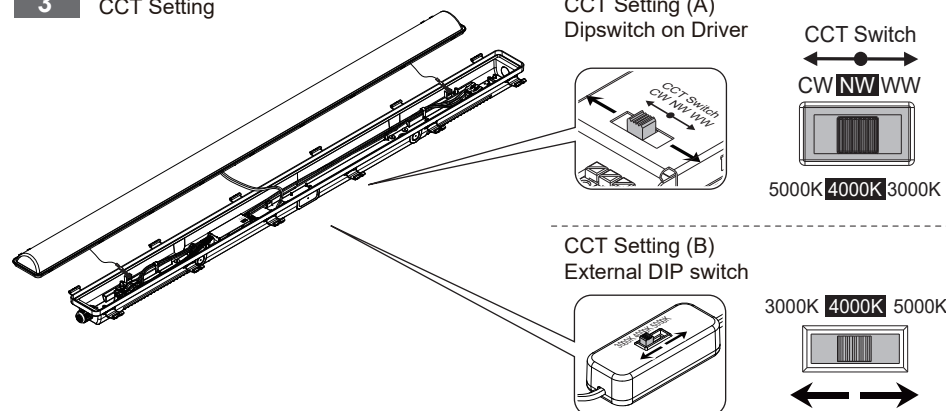
1 Drill holes and secure the mounting brackets



2 Unbuckle



3 CCT Setting



DE - Entsorgung (Europäische Union)

Produkt nicht im Hausmüll entsorgen! Produkte mit diesem Symbol sind entsprechend der Richtlinie(WEEE) über Elektro- und Elektronik-Altgeräte über die örtlichen Sammelstellen für Elektro-Altgeräte zu entsorgen! Altbatterien und Altkumulatoren, die nicht vom Altgerät umschlossen sind, sowie Lampen, die zerstörungsfrei aus dem Altgerät entnommen werden können, sind vor der Abgabe an einer Erfassungsstelle vom Altgerät zerstörungsfrei zu trennen. Vertreiber sind, nach den jeweiligen gesetzlichen Verpflichtungen, verpflichtet Altgeräte von einem Endnutzer zurückzunehmen. Zur Entsorgung kann das Altgerät innerhalb Deutschlands auch an folgende Adresse versendet werden:

SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg



EN - Disposal (European Union)

Do not dispose the product with the regular household waste! Products marked with this sign must be disposed according to the directive (WEEE) on electrical and electronic devices at local collection points for such devices! Waste batteries and accumulators, which are not enclosed by the waste equipment, and lamps, which are removable non-destructively from the waste equipment are to be separated non-destructively from the waste equipment before turning to a local collection point.

Distributors are, according to particular legislation, obligated to take back waste equipment from the final holder. For disposal within Germany the waste equipment may be send to the following address:

SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Germany



FR - Information de recyclage (Union européenne)

Ne recyclez pas le produit avec les ordures ménagères ! Les produits qui présentent ce symbole sont à recycler suivant la directive (WEEE) relative aux déchets d'équipements électriques et électroniques, via des points de collecte pour appareils électriques usagés ! Les piles et accus usagés qui ne sont pas incorporés dans l'appareil usagé, ainsi que les lampes qui peuvent être retirées de l'appareil usagé sans être détruites, doivent être retirés de l'appareil usagé sans être détruits avant d'être remis au Recyparc. Conformément à leurs obligations légales respectives, les distributeurs sont tenus de reprendre les appareils usagés d'un utilisateur final.



Pour l'élimination, l'appareil usagé peut également être envoyé en Allemagne à l'adresse suivante :

SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Allemagne



ES - Indicaciones para la eliminación (Unión Europea)

¡No tirar el producto con la basura doméstica! Los productos con este símbolo deben eliminarse, de acuerdo con la directiva (WEEE) sobre residuos de aparatos eléctricos y electrónicos, llevándolos a los puntos de recogida selectiva de aparatos eléctricos y electrónicos locales. Las baterías y los acumuladores recargables que no se hallen protegidos por el aparato viejo, así como las lámparas, extraídas sin romperlas del aparato viejo, deben desmontarse sin llegar a alterarlas antes de entregarlos a un punto de recogida.

Los distribuidores están obligados a recoger los aparatos viejos de un usuario final según las obligaciones legales pertinentes. El aparato antiguo también puede enviarse a la siguiente dirección para su eliminación dentro de Alemania:

SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Alemania



IT - Istruzioni per lo smaltimento (Unione Europea)

Non smaltire il prodotto con i rifiuti domestici! I prodotti con questo simbolo devono essere smaltiti, nel rispetto della Direttiva (WEEE) sui rifiuti di apparecchiature elettriche ed elettroniche, nei punti di raccolta locale ad essi adibiti! Verificare sul sito www.slvitatia.it il corretto metodo di smaltimento del presente materiale. Le batterie e gli accumulatori usati non racchiusi nell'apparecchio usato e le lampade rimovibili dall'apparecchio usato senza venire distrutte, devono essere divise dall'apparecchio usato senza venire distrutte, prima di essere consegnate in un punto di raccolta. I rivenditori sono tenuti, secondo i rispettivi obblighi legali, a ritirare gli apparecchi usati dal consumatore finale. Il vecchio apparecchio può anche essere inviato al seguente indirizzo per lo smaltimento in Germania:

SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Germania



NL - Afvalverwijdering (Europese Unie)

Het product niet via het huishoudelijk afval weggevoeren! Producten met dit symbool dienen in overeenstemming met richtlijn (WEEE) via elektrische en elektronische apparatuur bij de plaatselijke inzamelpunten voor elektrisch afval te worden verwijderd! Afgedankte accu's en accumulators die niet in het afgedankte apparaat zijn ingebouwd, zoals lampen die zonder beschadigingen uit het apparaat kunnen worden verwijderd, dienen voorafgaand aan de afgifte aan de betreffende instantie voor afgedankt apparaat, niet-destructief verwijderd te worden. De verkopers zijn op basis van de betreffende wettelijke regelgeving, verplicht afgedankte apparaten van een eindgebruiker terug te nemen. Het oude apparaat kan ook naar het volgende adres worden gestuurd voor verwijdering binnen Duitsland:

SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Duitsland

Emergency Version

Rest Mode

• Emergency operation is automatically started when the mains supply is switched off. Rest mode can be activated during emergency mode by doubling press the manual test button. The discharging of the battery will be minimized by switching off the LED output. The rest mode will be exited automatically after reconnect the supply.

LED Indicator

System status is locally indicated by a bi-coloured LED indicator.

	Color		LED indication	Status
	Green		Permanently On	System Healthy
	Green		Permanently OFF	Emergency Mode: Mains failure or mains disconnected
	Green		Slow Flash (0.5s on-0.5s off)	Duration Test Pending
	Green		Medium Flash (0.25s on-0.25s off)	Duration Test Running
	Green		Fast Flash (0.125s on-0.125s off)	Functional Test Running
	Red		Permanently On	Battery Charging Fault
	Red		Medium Flash (0.25s on-0.25s off)	Battery Duration Fault
	Red		Fast Flash (0.125s on-0.125s off)	Lamp or Luminaire Fault
	Red		OFF 1s then Stay On 5s	26 Weeks Duration Test Interval
	Red		OFF 1s then Fast Flash 5s (0.125s on-0.125s off)	52 Weeks Duration Test Interval

Functionality of the test button (manually mode)

Button appearance	Operation	Function
	 Press 1-2s	Manual functional test
	 Press 5-10s	Manual duration test
	 Press <1s	Confirm the current duration test interval
	 Double press <1s	Set the duration test interval
	 Double press <1s during emergency mode	Rest mode activated

Installation Steps

4-a Wattage Setting ON/OFF

ON 12	Switch position		Power [W]	1010821, 1010822, 1010823, 1010824					
				3000K		4000K		5000K	
	1	2		Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
				350	ON	ON	36	162.6	5853
300	OFF	ON	31	165.1	5119	175.9	5452	176.0	5457
250	ON	OFF	26	166.5	4328	176.5	4590	177.9	4625
200	OFF	OFF	20	167.9	3358	176.8	3536	179.5	3589

ON 12	Switch position		Power [W]	1010825, 1010826, 1010827, 1010828						
				3000K		4000K		5000K		
	Output current [mA]	1		2	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
					350	ON	ON	46	164.5	7567
300	OFF	ON	39	166.9	6508	178.0	6942	178.2	6948	
250	ON	OFF	32	168.9	5404	179.0	5729	180.4	5772	
200	OFF	OFF	26	170.5	4434	179.4	4665	182.1	4734	

4-b Wattage Setting DALI

ON 1234				Output current [mA]	Switch position				Power [W]	1010829, 1010830					
3000K		4000K			5000K										
Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]		Light effect [lm/W]	Flux [lm]									
1	2	3	4	350	OFF	ON	OFF	OFF	36	162.6	5853	174.5	6282	173.6	6250
300	OFF	OFF	ON	OFF	31	165.1	5119	175.9	5452	176.0	5457				
250	OFF	ON	ON	OFF	26	166.5	4328	176.5	4590	177.9	4625				
200	OFF	OFF	OFF	ON	20	167.9	3358	176.8	3536	179.5	3589				

ON				Output current [mA]	Switch position				Power [W]	1010831, 1010832					
					1	2	3	4		3000K		4000K		5000K	
1	2	3	4							Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
				350	OFF	OFF	OFF	ON	46	164.5	7567	176.6	8123	175.6	8076
				300	OFF	ON	OFF	ON	39	166.9	6508	178.0	6942	178.2	6948
				250	OFF	OFF	ON	ON	32	168.9	5404	179.0	5729	180.4	5772
				200	ON	OFF	ON	ON	26	170.5	4434	179.4	4665	182.1	4734

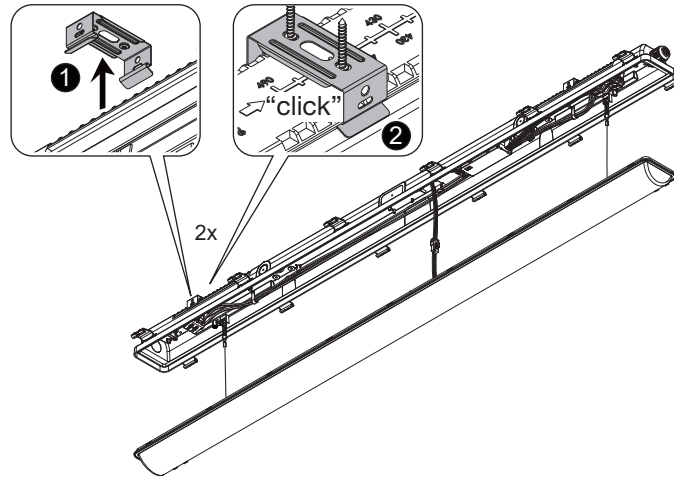
4-c Wattage Setting Single CCT

ON 1 2		Switch position		Power [W]	1010616	
Output current [mA]	1	2	3000K			
			Light effect [lm/W]		Flux [lm]	
350	ON	ON	40	167.3	6693	
300	OFF	ON	34	168.6	5734	
250	ON	OFF	28	170.4	4770	
200	OFF	OFF	23	170.8	3929	

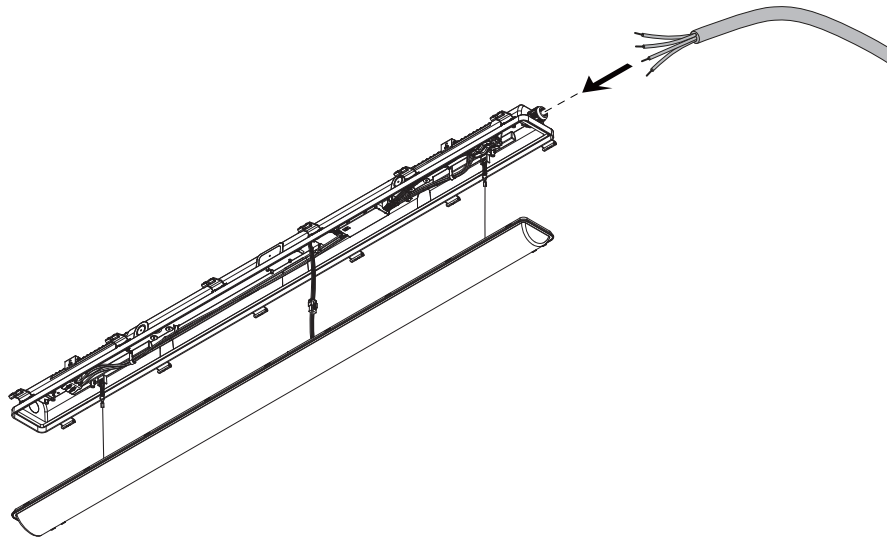
ON 12	Output current [mA]	Switch position		Power [W]	1010615	
		1	2		4000K	
					Light effect [lm/W]	Flux [lm]
	350	ON	ON	40	179.6	7183
	300	OFF	ON	34	181.3	6165
	250	ON	OFF	28	182.7	5114
	200	OFF	OFF	23	183.5	4220

Installation Steps

5 Fix the luminaire on the mounting brackets



6 Thread the AC wire through the waterproof connector



Emergency Version

Automatic / Manual Testing

1. Commissioning

- Commissioning takes place by connecting the battery and then the un-switched supply. The battery must be connected first.
- The green LED will immediately flash 1 x second to indicate that there is a pending duration test.
- A functional test will occur at 5 minutes after commissioning to allow 5 minutes for battery charging to ensure there is some charge in the battery.
- A duration test will occur at a random point between 24 hours and 48 hours after commissioning to allow 24 hours for battery charging.
- Any faults found in the functional and duration testing will be reported via the LED indicator, as detailed below.
- Disconnecting the un-switched supply and then the battery resets the emergency module, clears all fault reports and forces a re-commission when the battery and then the un-switched supply are reconnected.
- **If the un-switched supply of an emergency lighting circuit is switched OFF/ON twice within 5 seconds, the schedule for all the emergency units in the emergency lighting circuit is reset (to the current time).**

2. Duration Testing (3 hours)

- An automatic duration test will occur at a random point between 24 hours and 48 hours after commissioning to allow for battery charging.
- An automatic duration test will occur semi-annually or annually at a random point in the 26nd or 52nd week of each year.
- A duration test will occur once the battery is fully charged after pressing the manual test button for 5-10 seconds.
- A duration test may be delayed by other events, such as a power cut that interrupts the test or a lack of charging time, in which case the green LED will flash 1 x second to indicate there is a pending duration test that the emergency module has rescheduled.
- Any faults found in the duration testing will be reported via the LED indicator, as detailed below.
- A functional test will not override any faults reported by a duration test. A full duration test or re-commissioning is required to clear any faults.

3. Functional Testing (<2 minutes)

- A 5 seconds automatic functional test will occur at 5 minutes after commissioning.
- A 108 seconds automatic functional test will occur every 7 days.
- A manual 108 seconds functional test will start immediately after pressing the manual test button for 1-2 seconds.
- Any faults found in the functional testing will be reported via the LED indicator, as detailed below.
- A functional test will not override any faults reported by a duration test. A full duration test or re-commissioning is required to clear any faults.

4. Manual Testing

- Manual functional test: Press the manual test button for 1-2 seconds. A manual functional test lasting <2 minutes will start immediately.
- Manual duration test: Press the manual test button for 5-10 seconds. A manual duration test will occur once the battery is fully charged after pressing the manual test button for 5-10 seconds.

5. Pending Duration Testing

- A duration test may be delayed by other events, such as a power cut that interrupts the test or charging period, in which case the green LED will flash to indicate there is a pending duration test that the emergency module has rescheduled until charging is complete.

6. Lamp or Luminaire Fault

- Turn off the supply and replace or correct the fault with the lamp or luminaire, and then reconnect the supply.
- Press the manual test button for 5-10 seconds. A manual duration test will occur once the battery is fully charged.
- If the battery and power have been disconnected the EM will re-commission and automatically test the replacement.
- A successful functional test will not override any faults reported by a duration test. A full duration test or re-commissioning is required to clear fault reports.

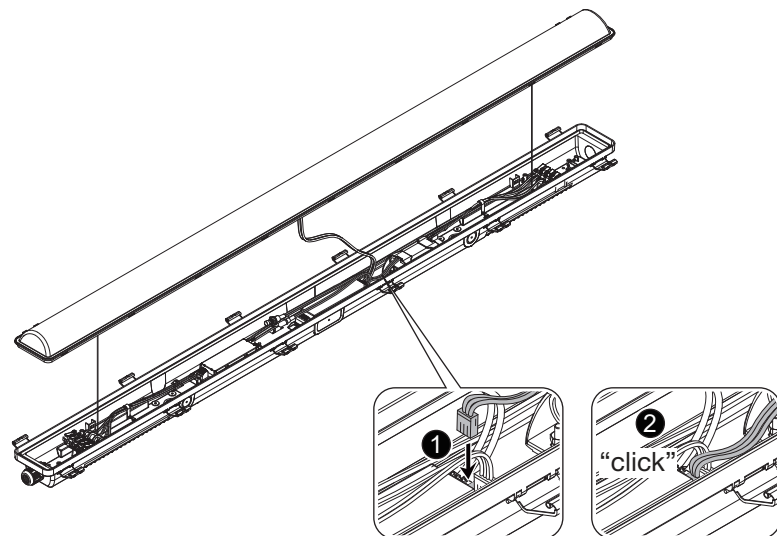
7. Battery Fault

- Turn off the un-switched supply to the EM and replace the battery, and then reconnect the supply.
- If the fault was because the battery was not connected, the un-switched supply must still be turned off when connecting the battery to clear the battery fault.
- The EM will re-commission and so automatically test the replacement at a random point between 24 and 48 hours after commissioning to allow for battery charging.

Emergency Version

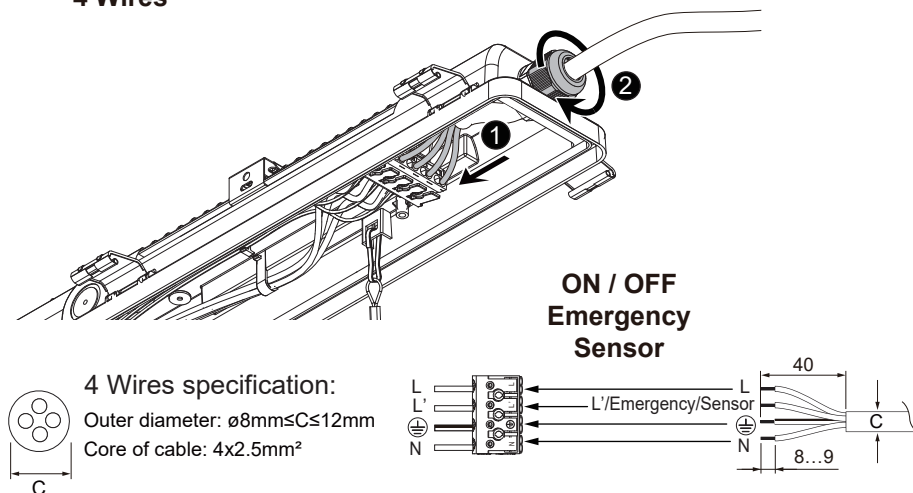
Installation

Connect the emergency battery pack to the emergency drive power supply, and then connect the input and output power supplies.

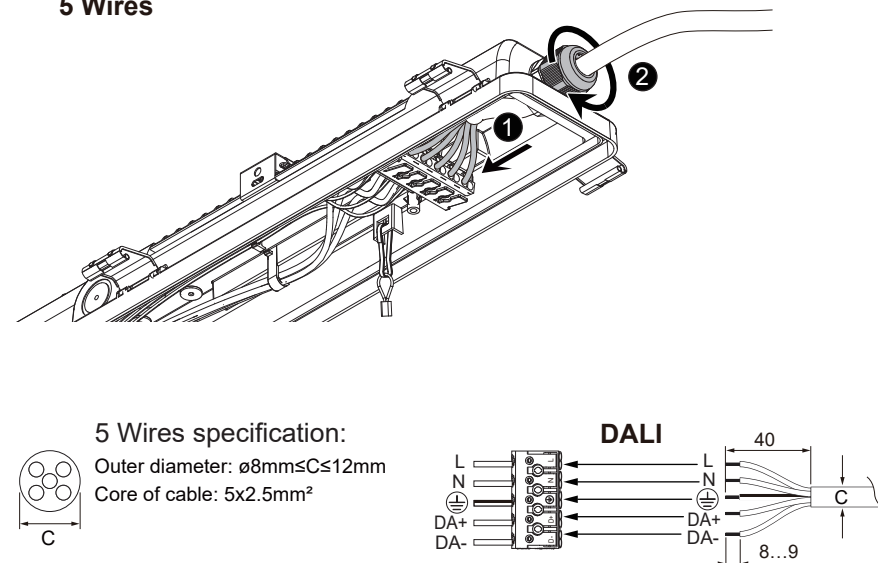


Installation Steps

7-a Connecting Power Supply 4 Wires



7-b Connecting Power Supply 5 Wires

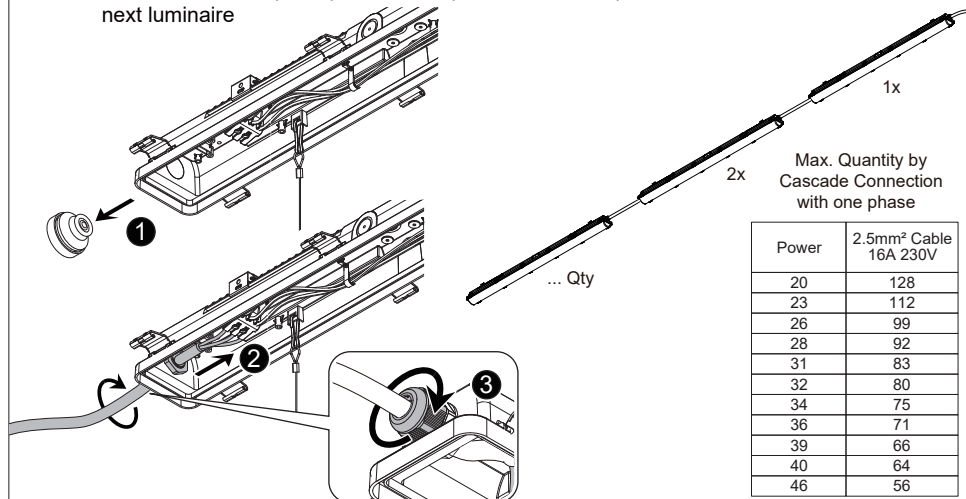


Installation Steps

8

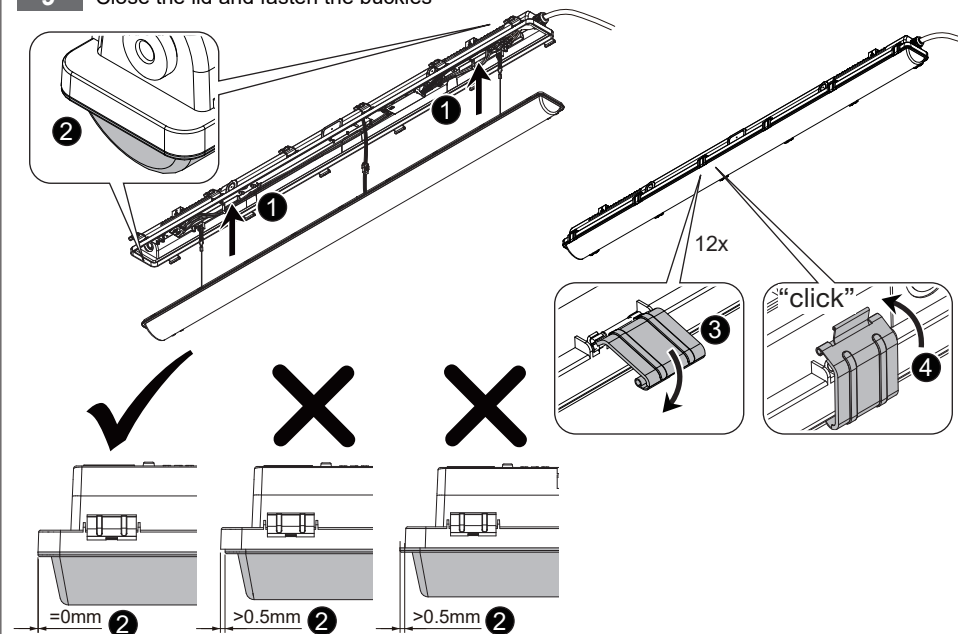
Connect multiple luminaires (Optional)

Remove the waterproof protection cap, then use waterproof connector connect the next luminaire



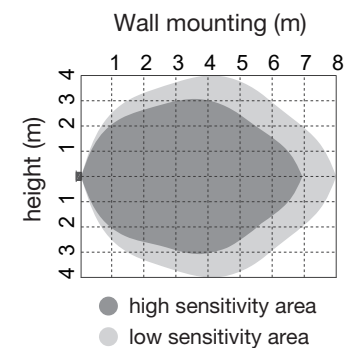
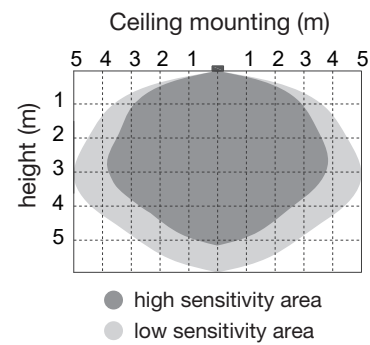
9

Close the lid and fasten the buckles

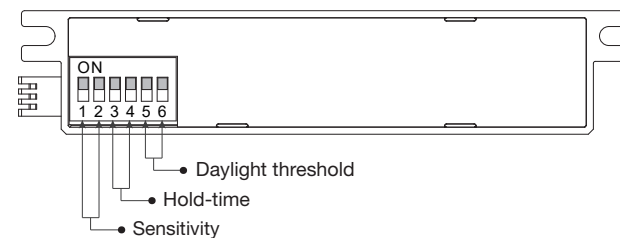


Microwave Sensor

Radiation Pattern



Function Settings



Factory settings: Sensitivity: I – 100%
Hold-time: IV – 15min
Daylight threshold: I – Disable

1. Sensitivity

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	10%

2. Hold-time

	3	4	
I	●	●	5s
II	●	○	30s
III	○	●	5min
IV	○	○	15min

3. Daylight threshold

	5	6	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2Lux