

	DA - Henvisning om bortskafning (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 yükümlülüklere 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 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 Németországon belüli ártalmatlanításra: SLV GmbH, Technischer Service, Werkstrasse 8-10, 52531 Übach-Palenberg, Németország

Disposal Note Type B 17.12.2024

Batten Flat 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

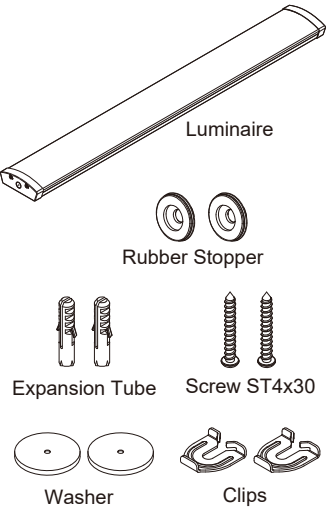
- To avoid injuries, disconnect power to the light and allow the unit to cool down before performing maintenance.
- Perform visual, mechanical and electrical inspections on a regular basis. We recommend routine checks to be made on an annual basis. Frequency of use and environment should determine this
- 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.



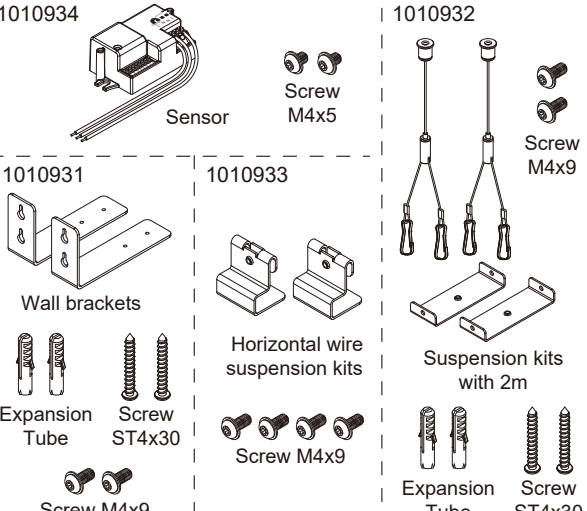
This product contains a light source of energy efficiency class D.

ta: -20°C ...+40°C

Products

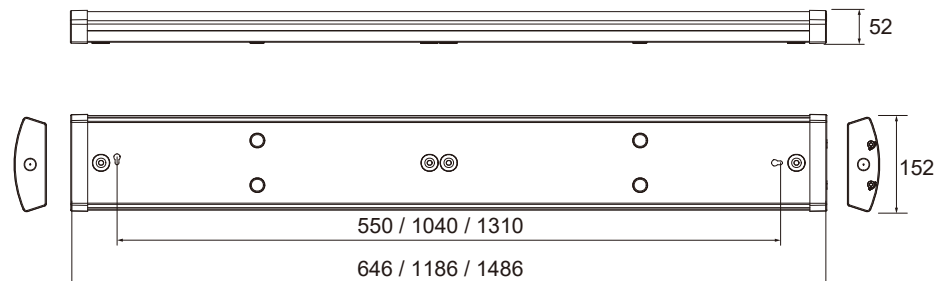


Optional



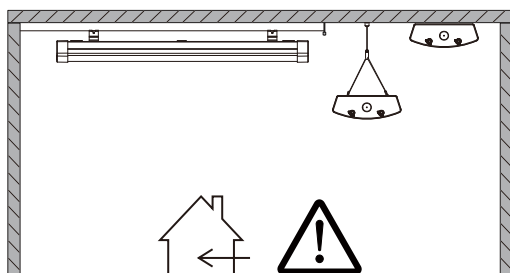
Dimensions

[mm]

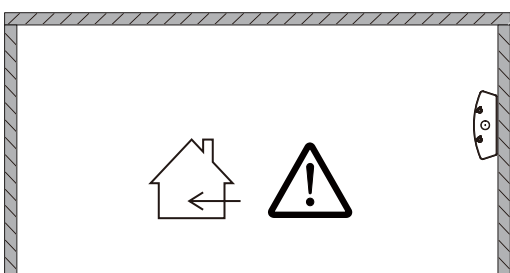


Grade of Waterproofing

IP44



IP20



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 alterarlos 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.slvitalia.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 weggooien! 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.

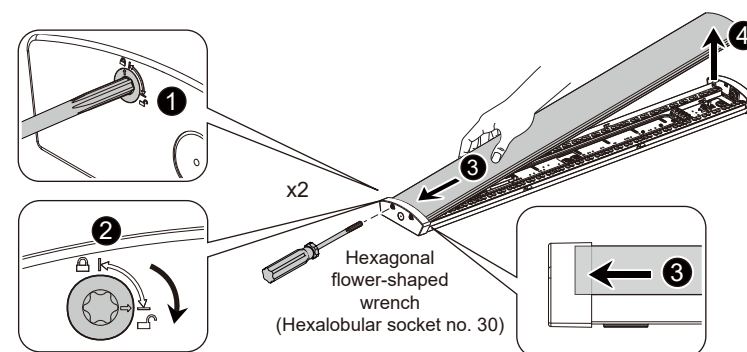
	Color		LED indication	Status
	Green		Permanently On	System Healthy
	Green		Permanently OFF	Emergency Mode: Mains failure or mains disconnected
	Green		Slow Flash (0.5s on-0.5s off)	Duration Test Pending
	Green		Medium Flash (0.25s on-0.25s off)	Duration Test Running
	Green		Fast Flash (0.125s on-0.125s 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
	1-2s Press 1-2s	Manual functional test
	5-10s Press 5-10s	Manual duration test
	<1s Press <1s	Confirm the current duration test interval
	<1s Double press <1s	Set the duration test interval
	<1s Double press <1s during emergency mode	Rest mode activated

Installation Steps

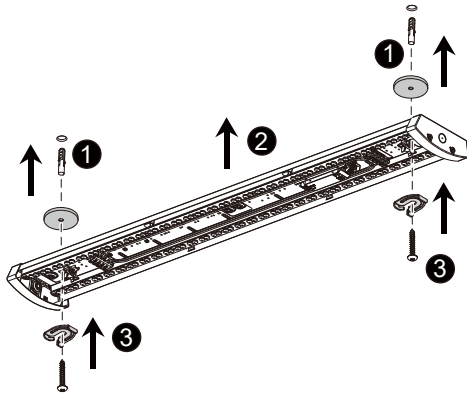
- 1 Use a hexagonal screwdriver to rotate the lock mechanism to the unlocked position, Push the optical cover towards the unlocking position to open the cover.



Installation Steps

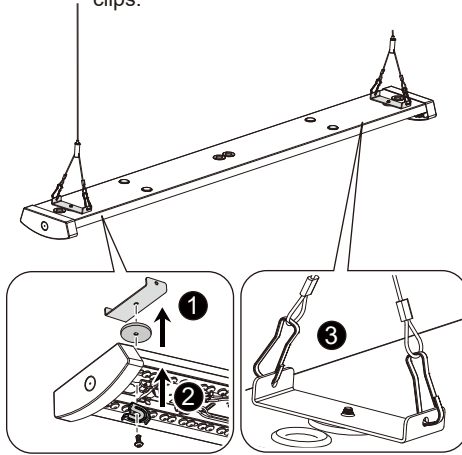
2-a Ceiling-mounted Installation

Fix the luminaire to the ceiling using screws and clips.



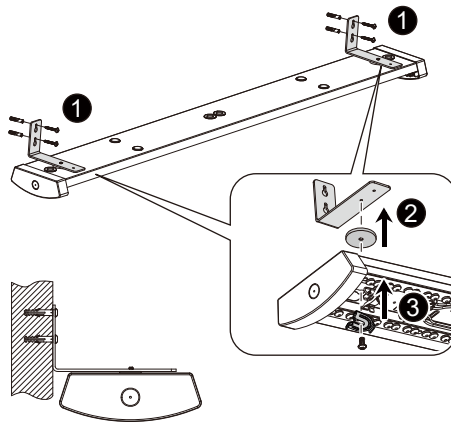
2-b Suspension kits Installation

Fix the suspension brackets to the ceiling, and then fix the luminaire to the suspension brackets using screws and clips.



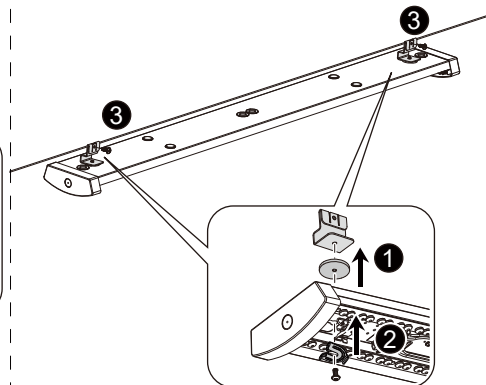
2-c Wall-mounted installation

Fix the wall brackets to the wall, and then fix the luminaire to the wall brackets using screws and clips.



2-d Wire rope suspension installation

Fix the luminaire to the horizontal wire suspension kits using screws and clips, then hang it on the steel wire rope and secure it with screws.



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.

Microwave Sensor

Function Settings

Factory settings: Detection Area: 50%
Hold Time: 1 min
Daylight Threshold: 10 Lux

1. Detection Area

Sensitivity can be adjusted by selecting the combination on the DIP switches for different applications.

I – 100%	1	2	
II – 75%	●	○	
III – 50%	○	●	
IV – 25%	○	○	

2. Hold-time

Hold-time refers to the time period that the light remains 100% on if no more movement is detected.

I – 5s	3	4	5	
II – 30s	●	●	○	
III – 1min	●	○	●	
IV – 3min	●	○	○	
V – 5min	○	●	●	
VI – 10min	○	●	○	
VII – 20min	○	○	●	
VIII – 30min	○	○	○	

3. Daylight threshold

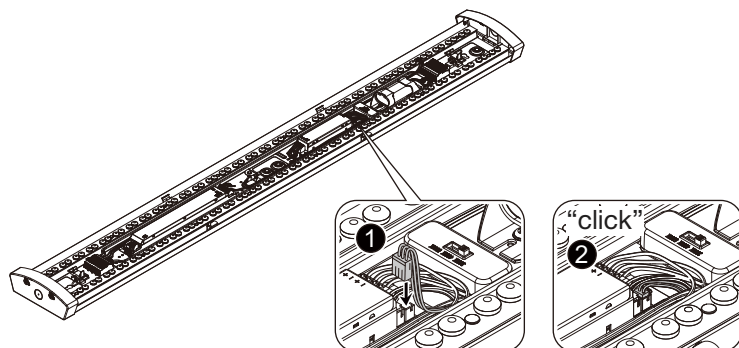
Different daylight threshold can be preset on DIP switches.
Light will always turn on upon movement if daylight sensor is disabled.

I – 2Lux	6	7	8	
II – 10Lux	●	●	○	
III – 25Lux	●	○	○	
IV – 50Lux	○	○	○	
V – Disable	○	○	○	

Emergency Version (Optional)

Installation

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



Installation Steps

3-a Wattage setting

ON/OFF

Output current [mA]	Switch position		Rated Power [W]	1010907, 1010908					
				CRI>80					
	1	2		3000K		4000K		5000K	
200	OFF	OFF	12	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
250	ON	OFF	15	134.9	1619	143.2	1718	141.5	1698
300	OFF	ON	18	134.0	2009	143.7	2155	140.7	2111
350	ON	ON	20	132.1	2377	142.9	2573	138.9	2500
				129.9	2598	141.8	2837	137.4	2748

Output current [mA]	Switch position		Rated Power [W]	1010909, 1010911, 1010912, 1010914					
				CRI>80					
	1	2		3000K		4000K		5000K	
200	OFF	OFF	20	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
250	ON	OFF	24	146.3	2927	155.2	3103	153.4	3069
300	OFF	ON	29	143.7	3450	154.2	3700	151.2	3630
350	ON	ON	35	141.7	4110	153.0	4438	149.0	4320
				138.6	4849	151.2	5293	146.1	5113

Output current [mA]	Switch position		Rated Power [W]	1010916, 1010918, 1010919, 1010929					
				CRI>80					
	1	2		3000K		4000K		5000K	
200	OFF	OFF	29	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
250	ON	OFF	36	149.3	4331	157.9	4579	155.9	4522
300	OFF	ON	43	146.9	5287	157.2	5658	153.8	5537
350	ON	ON	50	144.2	6199	155.7	6696	151.9	6532
				141.3	7066	154.0	7700	149.3	7467

3-b Wattage setting

DALI

Output current [mA]	Switch position				Rated Power [W]	1010910, 1010913					
						CRI>80					
	1	2	3	4		3000K		4000K		5000K	
200	OFF	OFF	OFF	ON	20	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
250	OFF	ON	ON	OFF	24	130.4	2609	137.7	2754	137.1	2741
300	OFF	OFF	ON	OFF	29	130.7	3137	139.6	3351	137.3	3296
350	OFF	ON	OFF	OFF	35	129.9	3766	140.0	4059	136.4	3955
						128.4	4492	139.6	4887	134.9	4720

Output current [mA]	Switch position				Rated Power [W]	1010917, 1010928					
						CRI>80					
	1	2	3	4		3000K		4000K		5000K	
200	ON	OFF	ON	ON	29	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
250	OFF	OFF	ON	ON	36	142.2	4124	150.4	4362	148.8	4315
300	OFF	ON	OFF	ON	43	141.2	5083	150.9	5433	148.1	5330
350	OFF	ON	OFF	ON	50	140.1	6026	151.2	6499	147.1	6324
						138.2	6909	150.6	7532	145.2	7258

Installation Steps

3-c Wattage setting

Bluetooth Sensor



Output current [mA]	Switch position			Rated Power [W]	1010915					
					CRI>80					
					3000K		4000K		5000K	
	1	2	3		Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
200	OFF	OFF	OFF	20	146.3	2927	155.2	3103	153.4	3069
250	OFF	ON	OFF	24	143.7	3450	154.2	3700	151.2	3630
300	ON	OFF	ON	29	141.7	4110	153.0	4438	149.0	4320
350	ON	ON	ON	35	138.6	4849	151.2	5293	146.1	5113

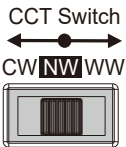
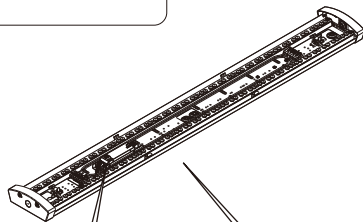


Output current [mA]	Switch position			Rated Power [W]	1010930					
					CRI>80					
					3000K		4000K		5000K	
	1	2	3		Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]	Light effect [lm/W]	Flux [lm]
200	OFF	OFF	OFF	29	149.3	4331	157.9	4579	155.9	4522
250	OFF	ON	OFF	36	146.9	5287	157.2	5658	153.8	5537
300	ON	OFF	ON	43	144.2	6199	155.7	6696	151.9	6532
350	ON	ON	ON	50	141.3	7066	154.0	7700	149.3	7467

4 CCT Setting

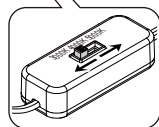


It is not allowed to switch CCT switch under live state



5000K 4000K 3000K

CCT Setting (A)
Dipswitch on Driver

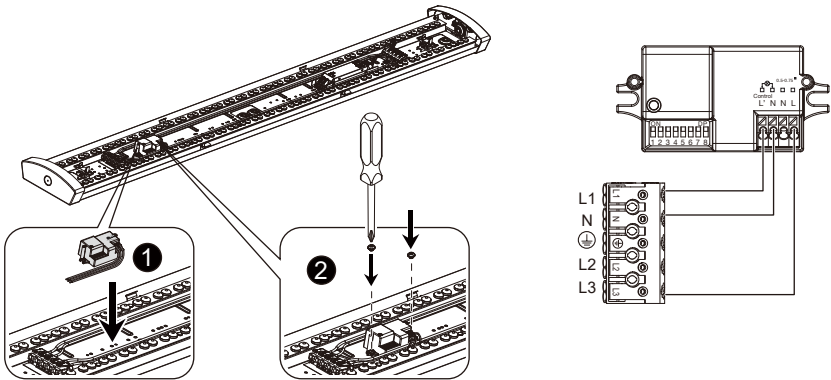


CCT Setting (B)
External DIP switch

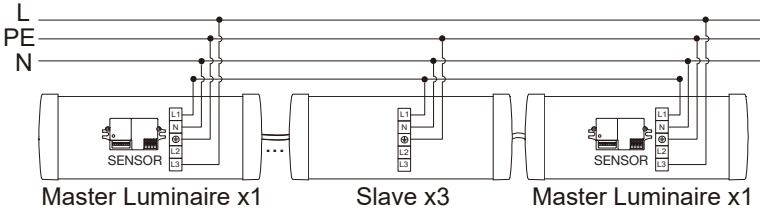
Microwave Sensor (Optional)

Sensor Version: 1010908, 1010911, 1010914, 1010918, 1010929

Sensor connection (Optional)

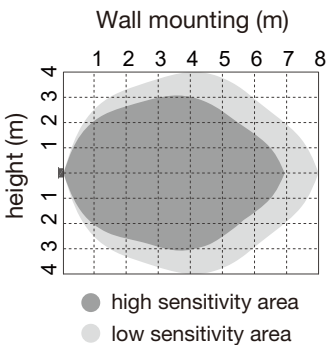
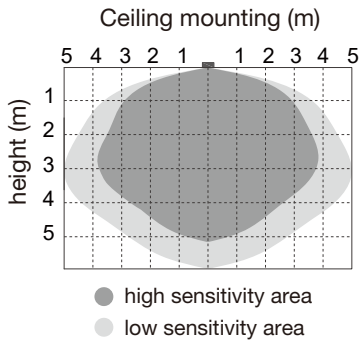


A maximum of 5 pcs of slave luminaires can be connected to 2 pcs of Master luminaires.



The Master luminaire is connected to slave via a 4 core cable. Slave luminaires with 3 core cable.

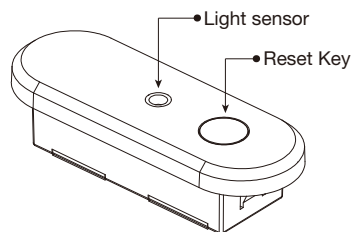
Radiation Pattern



Bluetooth 0-10V Microwave Motion sensor (Optional)

Bluetooth Sensor Version: 1010915, 1010930

Structure



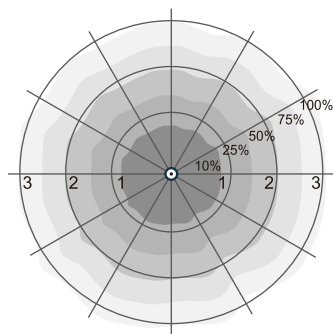
- **Light sensor:** Ambient light detection and daylight harvesting.
- **Reset Key:** Press it to help withdraw the device from internet/APP, LED flashes quickly indicates success.

Note: V+: Power supply(+), GND: Common port for Power supply(-) & DIM-
DIM+: 0-10V signal port(10V)

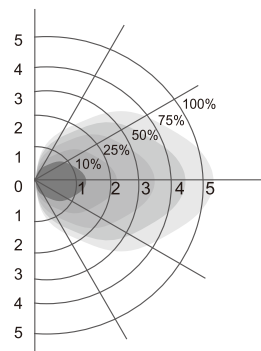
Operation

- Regarding pairing: Kindly login the SILVAIR official website refer the configuration interface to pairing. The website address is "<https://platform.silvair.com/#/access/login>".
- Press and hold down the "Reset" button on the controller over 5 seconds until the indicator flashes, which means it has been reset.
- Available with Magnetic reset(Touch the top part of sensor for 5 seconds).

Detection Pattern



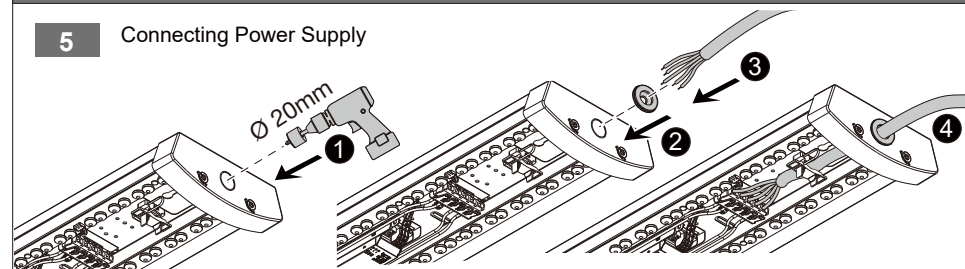
Ceiling Pattern (Unit: m)
Installation Height: 2-4m, max.6m



Wall Pattern (Unit: m)

Installation Steps

5 Connecting Power Supply

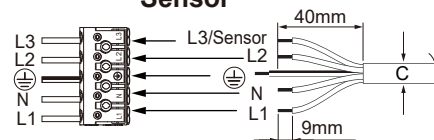


5 Wires

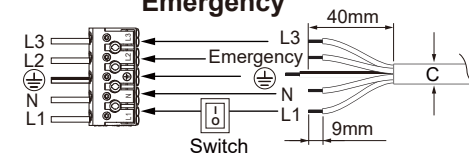


5 Wires specification:
Outer diameter: $\phi 8\text{mm} \leq C \leq 12\text{mm}$
Core of cable: $5 \times 2.5\text{mm}^2$

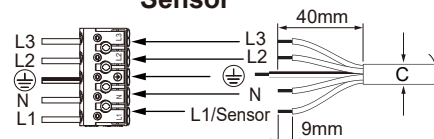
ON / OFF Sensor



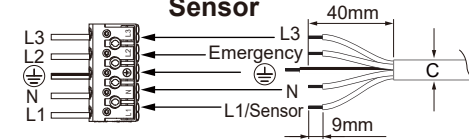
Emergency



Bluetooth Sensor



Emergency Sensor



DALI

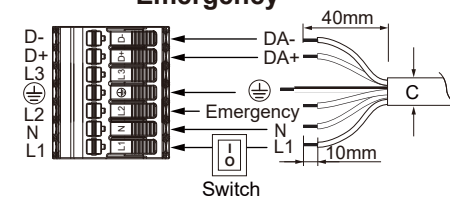


6 Wires



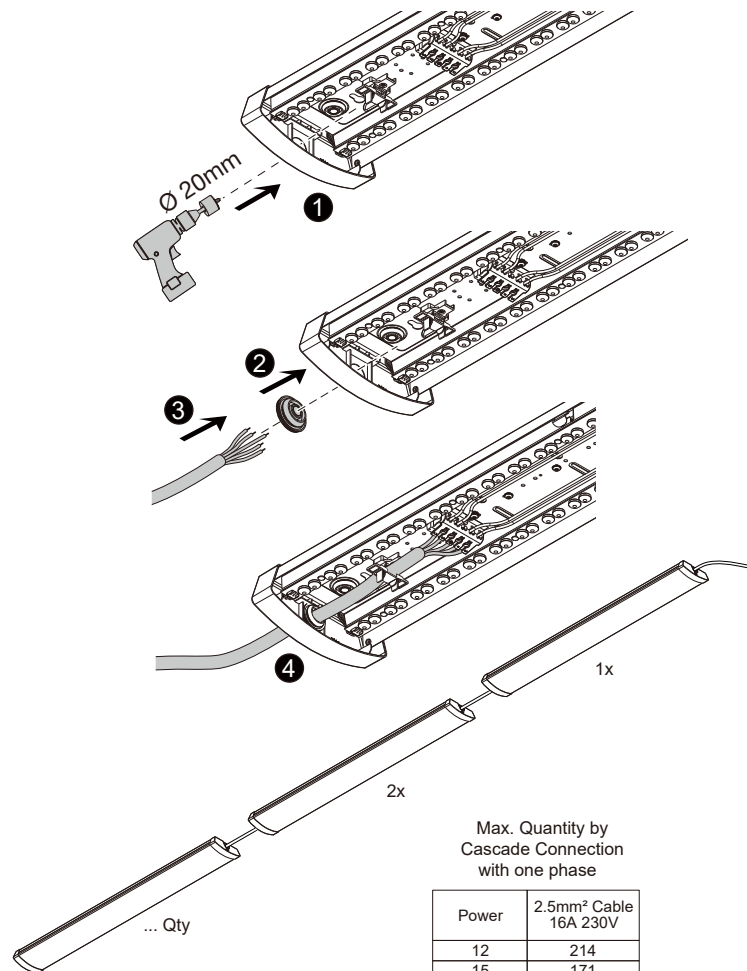
6 Wires specification:
Outer diameter: $\phi 8\text{mm} \leq C \leq 12\text{mm}$
Core of cable: $6 \times 2.5\text{mm}^2$

DALI Emergency



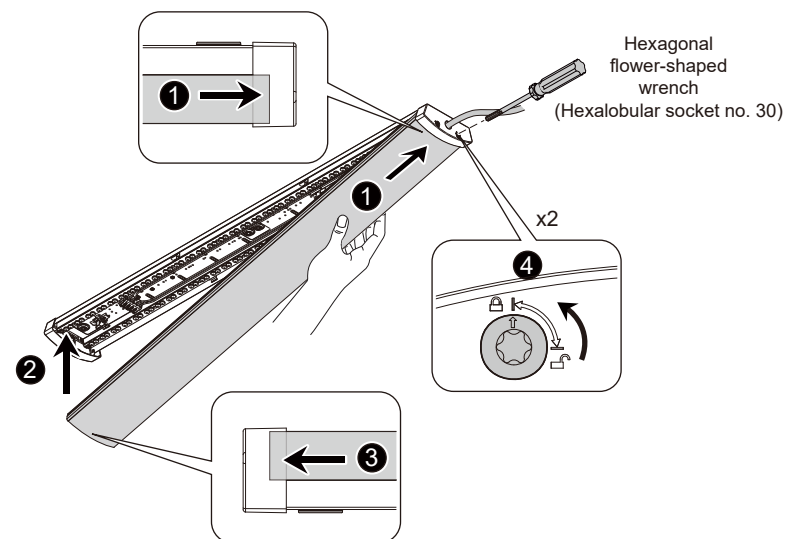
Installation Steps

6 Connect multiple luminaires (Optional)



Installation Steps

7 First, push the optical cover towards the direction with the lock mechanism. Then, push the optical cover in the opposite direction. Use a hexagonal screwdriver to rotate the to the fully locked position.



Frequently Asked Questions

Q: Unable to the device when searching with iPhone/iPad

A: Please check if the device has been removed from the network.

1. Remove the device from the app, and then click "+" to add it.
2. Long press the physical button on the device for 5 seconds to remove it from the network, and then add it.
3. Using the magnetic reset function on the device: place a magnet on the top of the device for 5 seconds to remove it from the network.

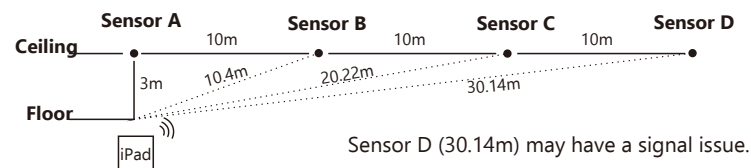
Note: Please make sure the device has the magnetic reset function before using it.

Q: Enable configuring only 2 or 3 devices when using an iPhone. Is there any way to configure more devices?

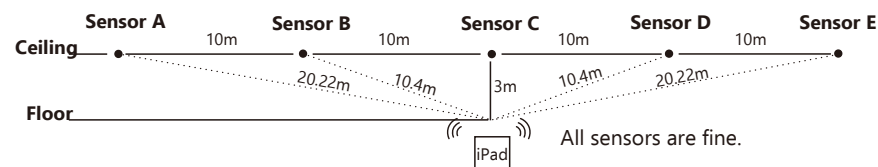
A: There are two ways.

- 1) During the network pairing, the position of the person configuring the network is critical. Please be in the middle of the devices to be paired to ensure a moderate distance to each device. Please refer to the diagram below:

Example 1



Example 2



- 2) Recommended to use an iPad for configuring the devices. iPads have better wireless signal reception capabilities with their larger antennas.

Q: The words "connecting to mesh" keeps appearing in the lower corner of the app and unable to control the devices. Why?

A: Please check the following:

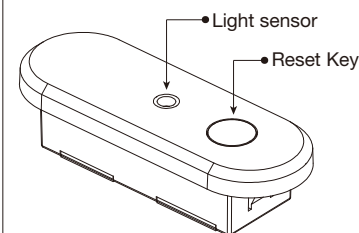
1. Ensure your WIFI/data network is stable and can be connected.
2. Check if the distance between the iPhone/iPad and the devices is too far.

Note: If the problems continue to occur, please exit the SILVAIR app to clear it from the background, and then re-enter. You can try this a few more times.

Bluetooth 0-10V Microwave Motion sensor Configuration Guide



Structure

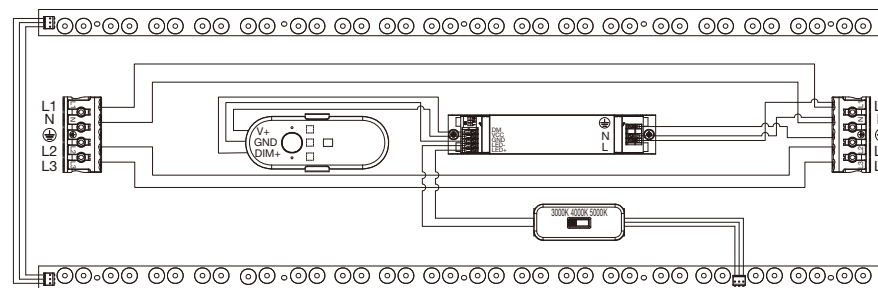


• **Light sensor:** Ambient light detection and daylight harvesting.

• **Reset Key:** Press it to help withdraw the device from internet/APP, LED flashes quickly indicates success.

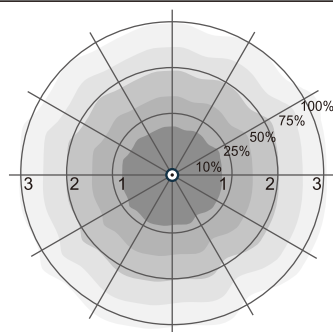
Note: V+: Power supply(+), GND: Common port for Power supply(-) & DIM-
DIM+: 0-10V signal port(10V)

Wiring diagram

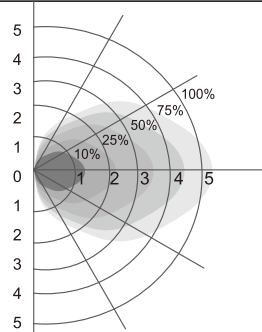


- Do wiring according to connection diagram.
- Kindly refer to "Silvair Commissioning User Manual" for further pairing.
- Press and hold down the "Reset" button on the controller over 5 seconds until the indicator flashes, which means it has been reset.
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds).

Detection Pattern



Ceiling Pattern (Unit: m)
Installation Height: 2-4m, max.6m



Wall Pattern (Unit: m)

Installation Precautions

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.
- Avoid areas with a lot of metal or concrete: Ensure the microwave part of the sensor is higher than any metal or shielding material.
- Avoid areas with moving objects: Such as electric fans, exhaust fans, drainage pipes, air conditioner outlets, elevators, pets, and insects.
- Avoid areas prone to vibration or resonance: Such as machinery, places where suspended sensors may vibrate, or areas with significant air convection.
- Avoid areas with materials that are easily penetrated: Microwave signals can pass through some plastic or paper materials, which may lead to false alarms in specific areas. Confirm the sensor's installation location and functional requirements beforehand.
- Avoid wave reflection: Different materials and exterior walls may cause wave reflection, leading to unnecessary false alarms.

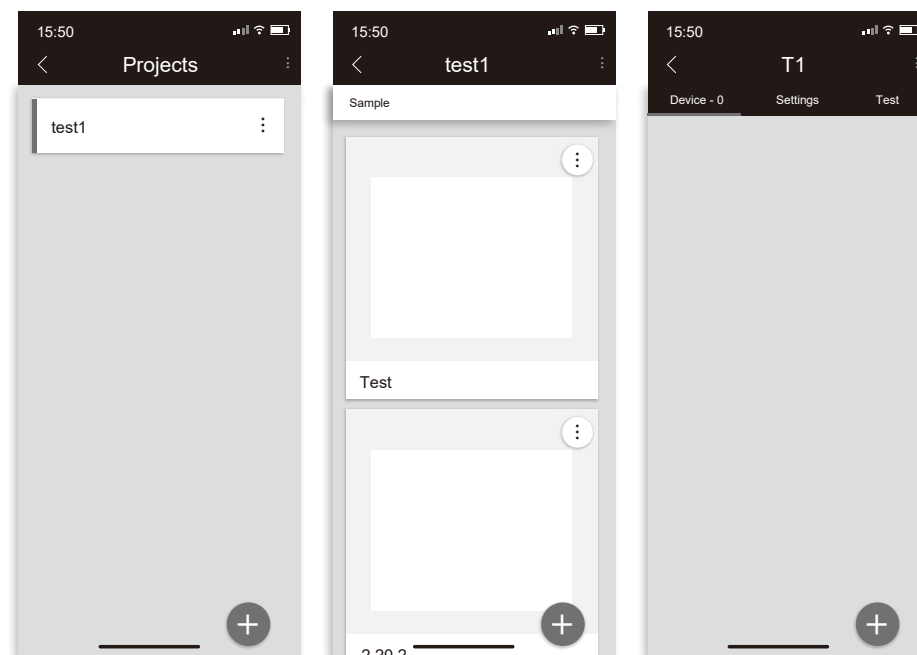
Web Configuration Instructions

- 1 Create an account and log in to the SV Web configuration interface
<https://platform.silvair.com/#/access/login>

The screenshot shows the SILVAIR web configuration interface. At the top, there are 'LOG IN' and 'SIGN UP' buttons. Below them are input fields for 'Email address' and 'Password'. A password visibility icon (an eye) is next to the password field. A link 'Don't remember your password?' is located below the password field. A large 'LOG IN' button is at the bottom. At the very bottom, there are links for 'English' and 'Help center'.

Mobile APP Instructions

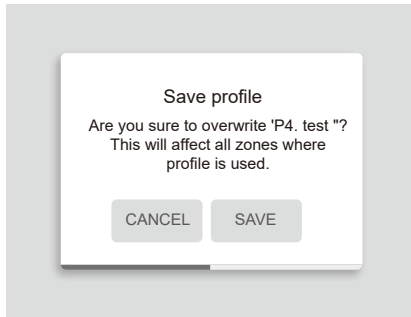
- 1 Search for SILVAIR in the App Store on your iPhone/iPad and download the app.
- 2 Open the SILVAIR app, log in with the account you created earlier, and enter your previously established Project/Area/Zone.



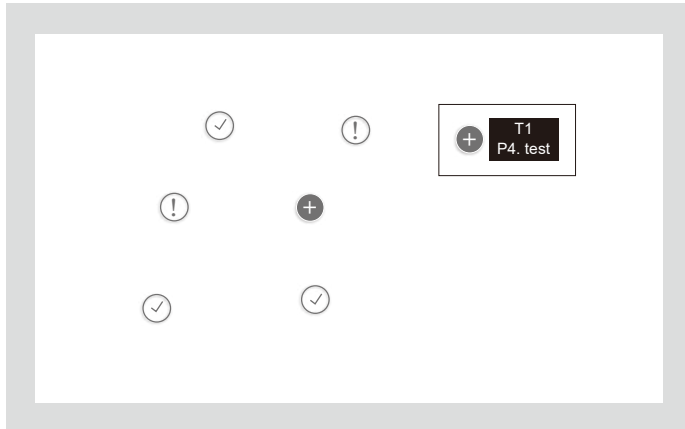
- 3 After entering the Zone, click "+" to discover devices (make sure sensors are powered on).
- 4 Click the test interface and check whether the sensor is controlled by ON/OFF.
- 5 Test the sensing function (before testing, make sure the test interface is set to Auto mode):
 - A) Completely cover the sensor with a carton or other object.
 - B) According to the previous settings on the Web, it will enter the Occupied stage after 2 seconds and the light will maintain 100% brightness for 5 seconds.
 - C) After the Occupied stage, the light will change from 100% brightness to 43% brightness within 2 seconds. Then it will keep the brightness at 43% for 5 seconds.
 - D) After the Prolonged stage, the light will change from 43% brightness to 0% brightness within 2 seconds. Then it will remain in dark status if no one is detected.
 - E) If the sensor is triggered at any stage (i.e., detects movement), it will return to the Occupied stage.

Web Configuration Instructions

4 Save Configuration



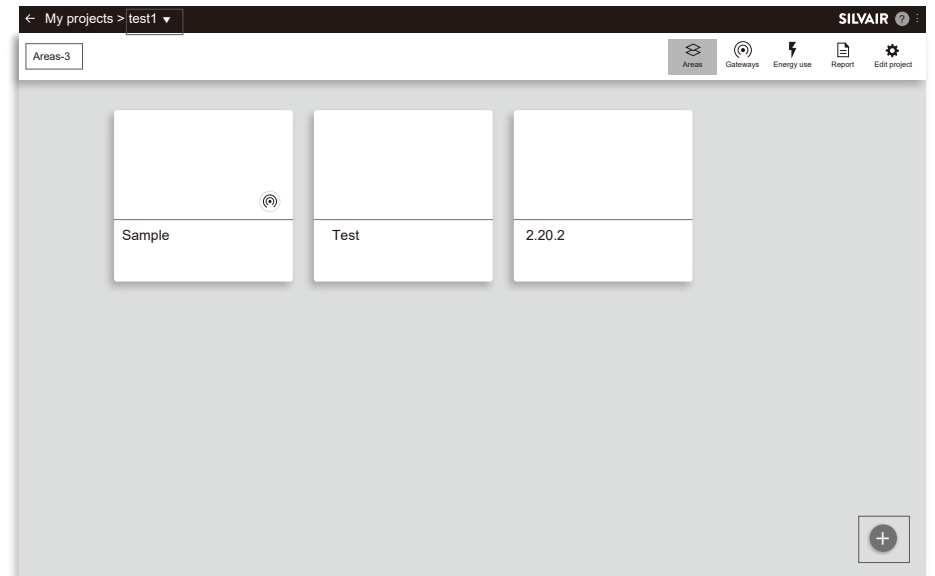
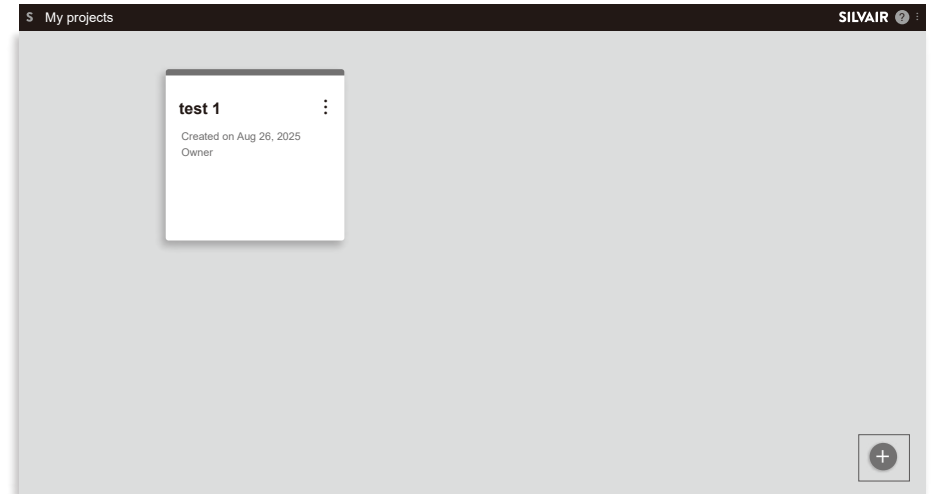
5 Check to ensure correct saving on the WebAPP



A "+" will appear after saving correctly, indicating that this area is ready for adding devices. Also, check if the Zone naming is correct(for example this area is named T1). At this point, all web interface operations end.

Web Configuration Instructions

2 After logging in, create Projects and Areas



Click "+" to create an Area. The three shown in the figure above are Areas.

Web Configuration Instructions

- 3.1** Select an Area, and upon entering, click the left mouse button to add a Zone. You can name the Zone and choose its Profile.
- Tips: Recommended to choose the “Occupancy sensing with daylight harvesting” configuration for sensors.

The screenshot shows the SILVAIR web configuration interface. The top navigation bar includes a breadcrumb trail: < My projects > test1 > Test. The left sidebar contains icons for Commissioning, Zone linking, Scheduling, Occupancy, and Energy use. The main area displays a floor plan with several circular icons representing zones. A modal window titled 'GENERAL' is open, showing a 'Zone name' field with the value 'Zone' and a 'Profile' dropdown menu. Below the modal, there is a '+ Zone' button. The bottom section of the interface shows a list of profiles, with 'P4' selected. A dropdown menu is open, showing various sensing options, including 'Occupancy sensing with daylight harvesting'. The bottom right corner of the interface shows the 'Occupied' stage configuration, including fields for Fade time, Timeout, Light level, and Min. value.

Set the configuration parameters for each stage.

Web Configuration Instructions

- 3.2** Occupied represents the first time when someone is detected. Prolonged represents the transition from Occupied to Vacant. Vacant represents the next stage after prolonged (Usually 0%).

The screenshot shows the SILVAIR web configuration interface for the 'Occupied', 'Prolonged', and 'Vacant' stages. The top navigation bar includes a breadcrumb trail: < My projects > test1 > Test. The left sidebar contains icons for Commissioning, Zone linking, Scheduling, Occupancy, and Energy use. The main area displays the configuration for each stage. The 'Occupied' stage configuration includes fields for Fade time, Timeout, Light level, and Min. value. The 'Prolonged' stage configuration includes fields for Fade time, Timeout, Light level, and Min. value. The 'Vacant' stage configuration includes fields for Fade time, Timeout, Light level, and Min. value. The bottom section of the interface shows the 'Low/high-end trim' and 'Power up behavior' settings. The 'Low/high-end trim' section includes a slider for the dimming range, with a default value of 0-80% and a maximum value of 100%. The 'Power up behavior' section includes radio buttons for 'Keep light off', 'Restore', and 'Defined light level'. The bottom right corner of the interface shows the 'Manual override timeout' setting, which is currently set to 10 minutes.

Low/high-end trim means the dimming range, the default is 0-80% and can be changed to 0-100%.