

SPYDR 2 Series

2x • 2p



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USER MANUAL

IMPORTANT SAFETY PRECAUTIONS

- The system should only be cleaned as directed in the Fluence's Fixture Cleaning Recommendations which can be downloaded from the Fluence Support Center <https://fluence-led.com/support-center/>.
- You should seek service for your system by qualified service personnel if any of the following occur:
 1. The power-supply cord or the plug has been damaged.
 2. The unit has been exposed to rain.
 3. The unit exhibits a marked change in performance.
 4. The unit has been dropped, or its enclosure or chassis is damaged.

CULTIVATION BEST PRACTICES

- Fluence encourages everyone to experiment and pursue their own techniques. Every crop is different and everyone has different goals. However, our internal research has given us insight into several strategies we would like to share.
- Regularly check your plants' growth and health. Fluence lighting systems deliver high levels of PAR, typically more than experienced in nature. Adjustments to H2O, CO2, RH, nutrients, and temperature are typically required.
 - Mount the fixture at least 6" from the top of your canopy to ensure optimal uniformity and consistent PPFD. The SPYDR Series was designed to provide uniform light dispersion and requires precise deployment. A 1" variation in either direction will have a significant change in uniformity and PPFD (which may or may not be desired).
 - Many plants prefer higher temperatures when exposed to high PPFD. Experiment with higher temperatures to achieve higher yields. Canopy temperature and room ambient temperature often vary. For accurate results, test at the canopy level to gauge leaf surface temperature.
 - Fluence recommends the use of AC circuit contactors to completely disconnect the facility AC voltage from the luminaire to mitigate potential glowing or dimming interruptions of the crop dark period. For more

information, please download the Dim-to-Off Application Note available at the Fluence Support Center <https://fluence-led.com/support-center/>.

**For cultivation recommendations visit
<https://fluence-led.com/science-articles/>.**

GENERAL CARE

SPYDR 2 system is passively cooled with zero moving components. They are designed for harsh environments and years of maintenance-free performance. Some basic care will keep your system operating at peak performance cycle-after-cycle.

- Natural convection removes heat away from the heatsink. In order for the system to properly cool itself, at least one inch of space is required between the console and the roof of your grow area. Failure to do so may shorten the fixture's lifespan.
- To achieve the optimal lifespan and performance of your fixtures, routinely check for and remove excess dust, debris, and mineral build up from heatsink and LED array. Cleaning should always be done with the fixture unplugged from its power source using low-pressure compressed air or water to rinse away dirt from light bars.
- Never use a cloth to clean the diode array. Doing so can scratch or compromise the integrity of the silicon seal, or dislodge diodes entirely.
- To limit degradation, avoid touching the diodes with your hands, even in a powered off state.

For detailed instructions for maintenance and cleaning, please visit <https://fluence-led.com/support-center/>.

**SPYDR 2 is a high-performance lighting system.
Do not touch while in operation.**

PLEASE RECYCLE ALL PACKAGING MATERIAL

SYSTEM HARDWARE & ACCESSORIES

SYSTEM HARDWARE

- A** SPYDR 2x, 2p, light fixture, pre-configured with
 - A1 Standard DC cable
- A1** Standard DC Cable
- B** Power Supply
 - B1** 600W, Power Supply for SPYDR 2p
 - B2** 320W, Power Supply for SPYDR2x

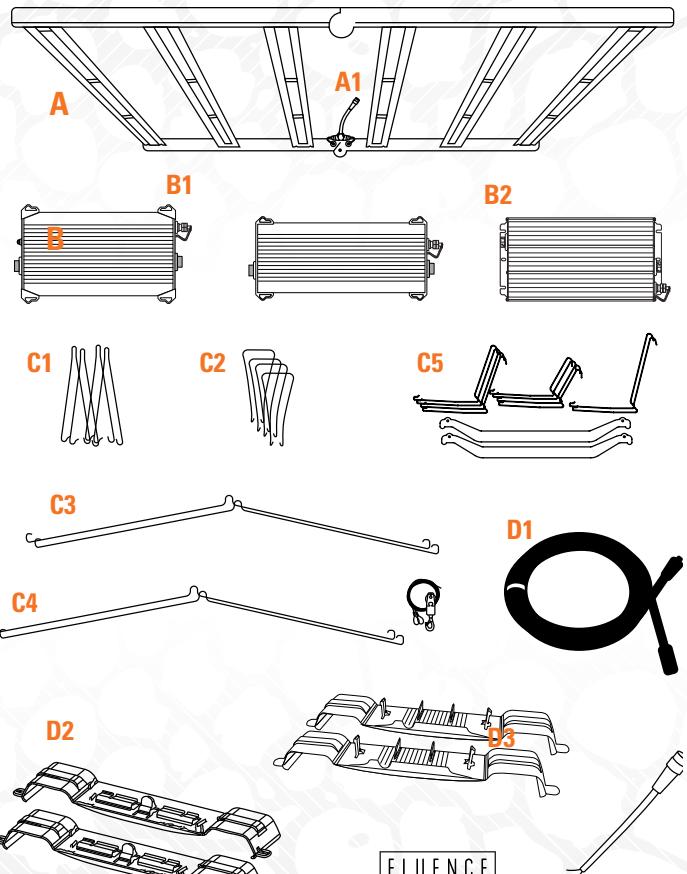
MOUNTING HARDWARE OPTIONS

(depending on your selection at the time of purchase)

- C1** Waterfall Mount
- C2** Solid Decking Level or Offset Mount
- C3** 2-Point Lance Hanger
- C4** Adjustable Hanging Kit
- C5** ABS/Flood Tray with/without VAS

ACCESSORIES

- D** Power Supply Accessories
 - D1** (1) 3' or 6' DC extension cable (sold separately)
 - D2** (2) 600W/320W power supply mounting brackets (2x, 2p)
 - D3** (1) Pigtail Dimming Adapter (sold separately)
 - D4** (1) AC Power Cord, 6' (1.83m) or 15' (4.57m) if ordered with product (Not shown)



Fixture Assembly Instructions

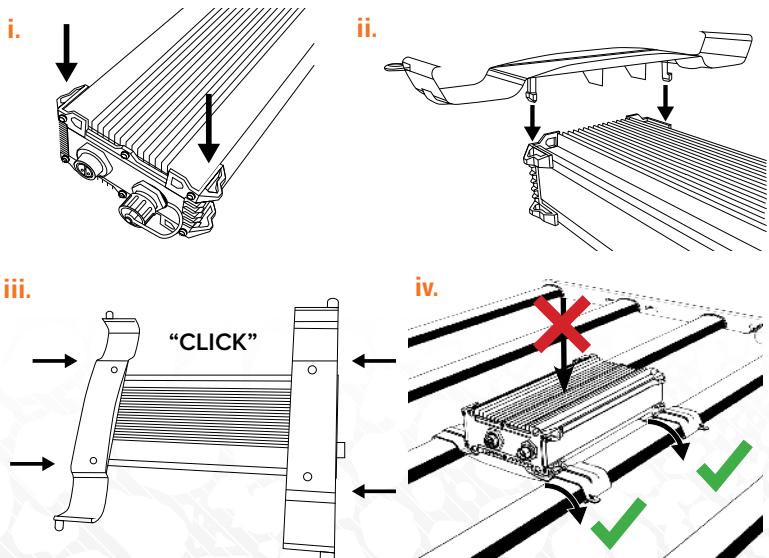
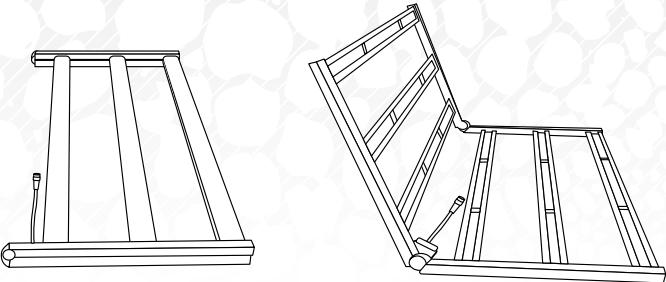
Take caution when handling light bars. Ensure the LED array does not come in contact with sharp objects or force that may damage the diodes.

- 1 Unbox and unfold light bar module.
- 2 Place on flush, stable surface. Make sure LEDs are facing down.
- 3 Install power supply brackets to power supply and then to light bar module.

DO NOT push directly on power supply to attach to the two center light bars. Use the clips on the corner of the bracket to the two center light bars.

SPYDR 2x, and 2p

- i. Place the PSU on a flat level surface and identify the reinforced corner mounts on unit and securing posts on brackets.
- ii. Insert bracket posts into the corner mounts of the PSU. The center fins of the bracket will fit inside of the PSU's heat sink.
- iii. Push/slide bracket in towards PSU until the bracket clips into place. Repeat on opposite side.
- iv. Once brackets are securely attached flip unit over and clip on to the two center bars in the middle of the SPYDR2 fixture by using the clips on the corner of the bracket.



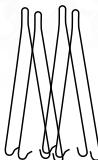
Fixture Mounting Instructions

SPYDR 2 Series fixtures ship with your choice of hanging hardware. To mount your SPYDR 2 fixture, start by identifying a suitable support structure to hang your fixture from. Common support structures include pallet racks, rolling tables, Unistrut, trusses, and structural channel. For optimal results, two people are recommended to mount the fixtures.

Solid Decking Mount



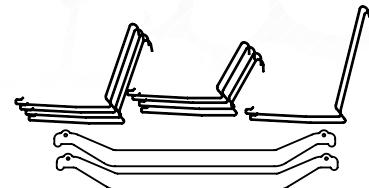
Waterfall Mount



Lance Hanger



ABS/Flood Tray with/without VAS



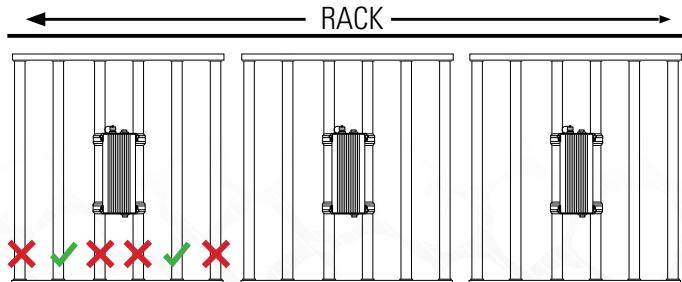
WATERFALL MOUNTS

Suggested application: Ideal for waterfall (wire) decking on pallet racks or rolling tables. Hardware included: long or short "V" mounts.

For proper uniformity and flexibility for adjustments, position SPYDR with light bars perpendicular to the length of the rack.

- 1 To mount your SPYDR using waterfall mounts, place SPYDR fixture gently below the desired hanging area. Identify four points on the waterfall decking that align with the light bars located second from the end.

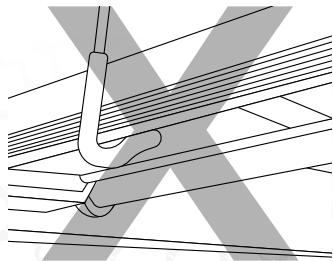
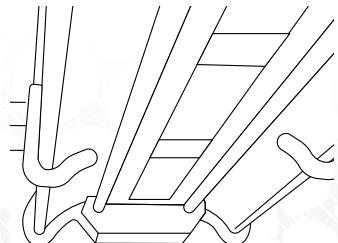
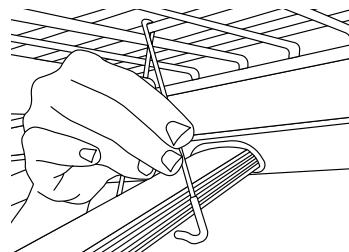
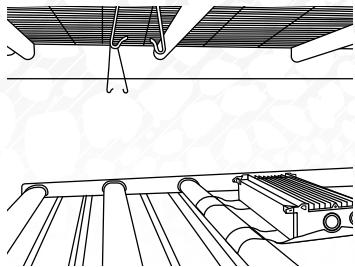
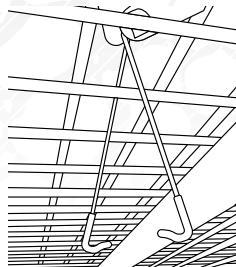
⚠ NOTE: Hangers to be attached only to the light bars second from the end.



⚠ SUITABLE HANGING LOCATIONS

WATERFALL MOUNTS CONTINUED

- 2 Loop mounting hardware on the lower wire deck. Installing on the lower deck allows for slight adjustments when fixture is mounted to ensure fixture is centered over your canopy.
- 3 Once all four brackets are in place, use two people to lift the fixture up to the mounting hardware. Slightly separate mounting hardware until the black hooks slide over the light bar to securely grip the bar.
- 4 Adjust SPYDR module to ensure full contact is made on the hooks of the mounting hardware.
- 5 With all four mounting brackets attached to the SPYDR module, you can adjust the mounting hardware along the waterfall deck or adjust the SPYDR module along the contact points on the mounting hardware to center on the 4' x 4' area.



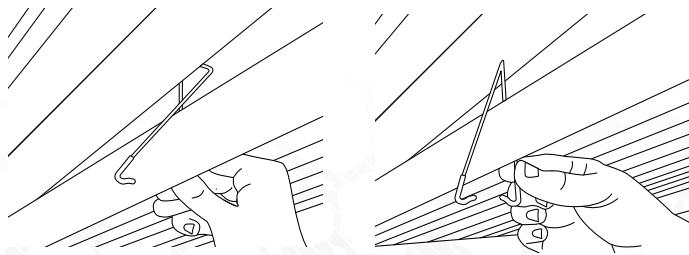
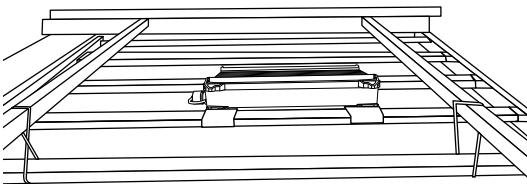
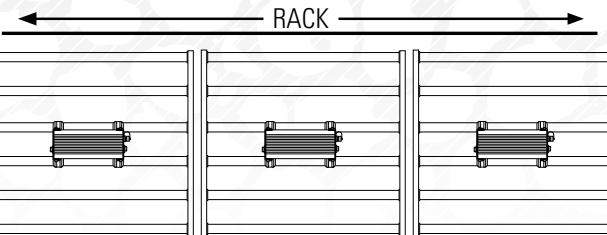
SOLID DECKING MOUNTS

Suggested application: ideal for hanging on cross bars in a rack system with solid decking. Offset version available with drip/flood trays. Hardware included: Solid decking mounts.

For proper uniformity and flexibility for adjustments, position SPYDR with light bars parallel to the length of the rack.

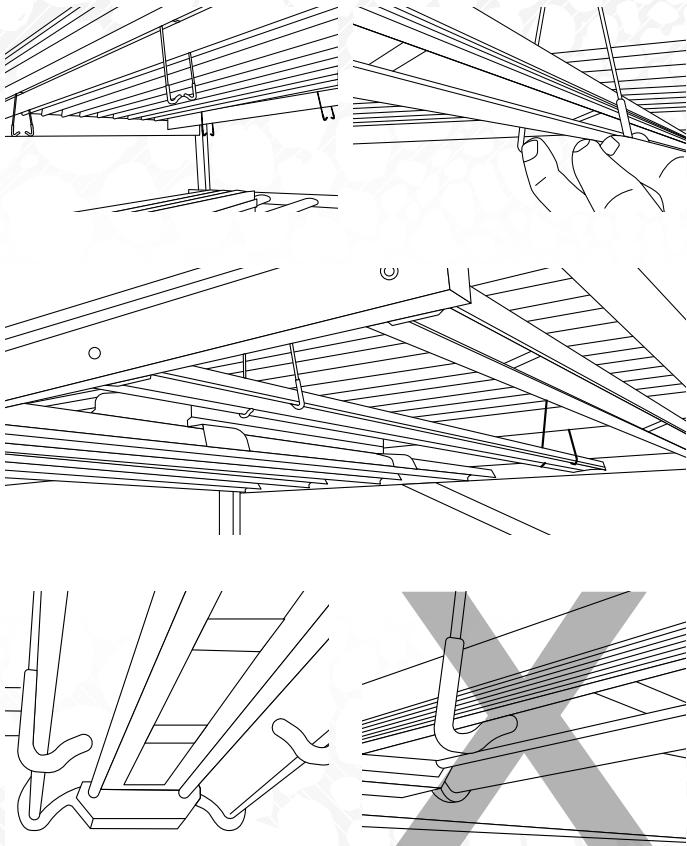
- 1 To mount your SPYDR using solid decking mounts, place SPYDR fixture gently below the desired hanging area. Adjust cross bars approximately 2.5 ft – 3 ft along the rack, roughly five inches from the edge of the SPYDR module.
- 2 Lift decking to loop each mount on the cross bar, positioned above light bar located second from the end.

⚠ NOTE: do not attach mounting hardware to the end light bars.



SOLID DECKING MOUNTS CONTINUED

- 3 Once all four brackets are in place, use two people to lift the fixture up to the mounting hardware. Slightly separate mounting hardware until the black hooks slide over the light bar to securely grip the bar.
- 4 Adjust SPYDR module to ensure full contact is made on the hooks of the mounting hardware.
- 5 With all four mounting brackets attached to the SPYDR module, you can adjust the mounting hardware along the cross bar or adjust the SPYDR module along the contact points on the mounting hardware to center on the 4' x 4' area.

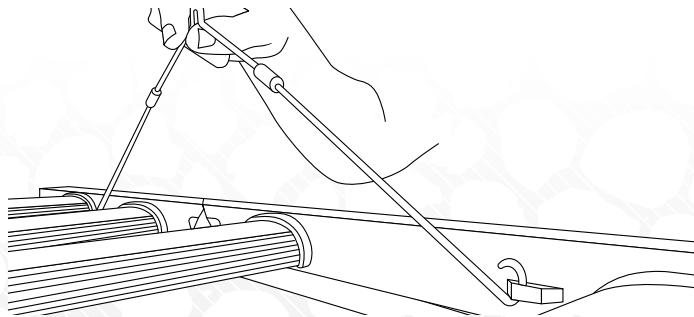
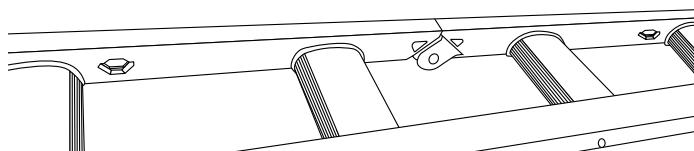
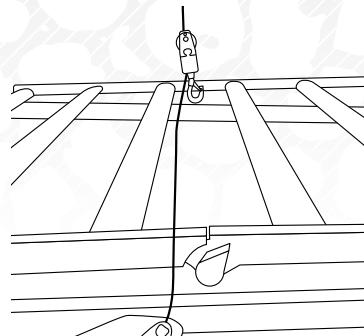


LANCE HANGERS AND ADJUSTABLE KIT

Suggested application: Ideal for two-point hanging from areas with high clearance, such as ceilings or other support structures. Hardware included: 2 lance hangers (and adjustable Grapple kit if upgraded at the time of purchase).

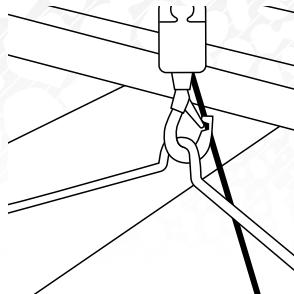
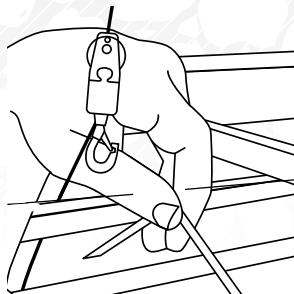
Before you mount the SPYDR module, complete the steps to attach the power supply to the light bars as outlined in the User Guide. **PLEASE NOTE: The power Supply Enclosure MUST be mounted on the center two light bars before hanging with the Lance Hanger.**

- 1** To mount your SPYDR using the lance hangers, place SPYDR fixture gently below the desired hanging area. Identify two points on the structure that align with center hinges on the SPYDR module.
- 2** Hang either the adjustable Hanger kit (if upgraded at time of purchase) or desired hanging hardware to the support structure, above the center hinges. If using the Adjustable Hanger Kit, first loop the two cables around the support structure and thread the straight end through the fixed loop. Then thread each straight end through the Grapple hook and pull it up the cable.
- 3** On the inside of the SPYDR module there are four lancet openings. The lance hanger will slide into the inside-two lancet openings. Place lance hanger under opening, and gently pull the hanger up from the center of the hanger until the loops snap into place.



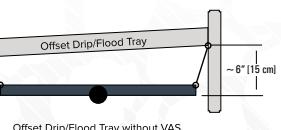
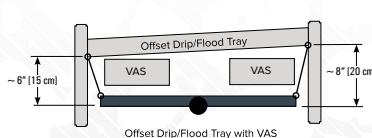
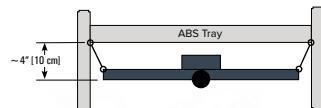
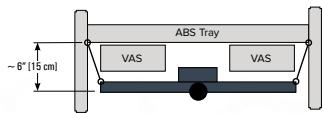
LANCE HANGERS AND ADJUSTABLE KIT CONTINUED

- Once both hangers are in place, use two people to lift the fixture to the installed handing hardware. Be sure to hang from the center of the lance hanger to ensure a balanced fixture. If using the Adjustable Hanger Kit, hook the Gripple hooks on each lance hanger. Adjust the height on each end until level by sliding the Gripple hook up or down along the cable. To slide down, squeeze and hold the release mechanism on the sides of the hook.



RACKS WITH TRAY AND VAS

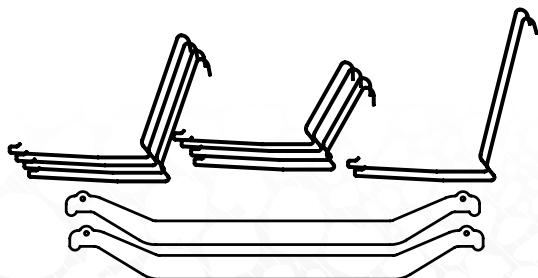
Please refer to the illustration to find the correct hanger configuration for your specific application.



VAS Hanger
Medium

VAS Hanger
Short

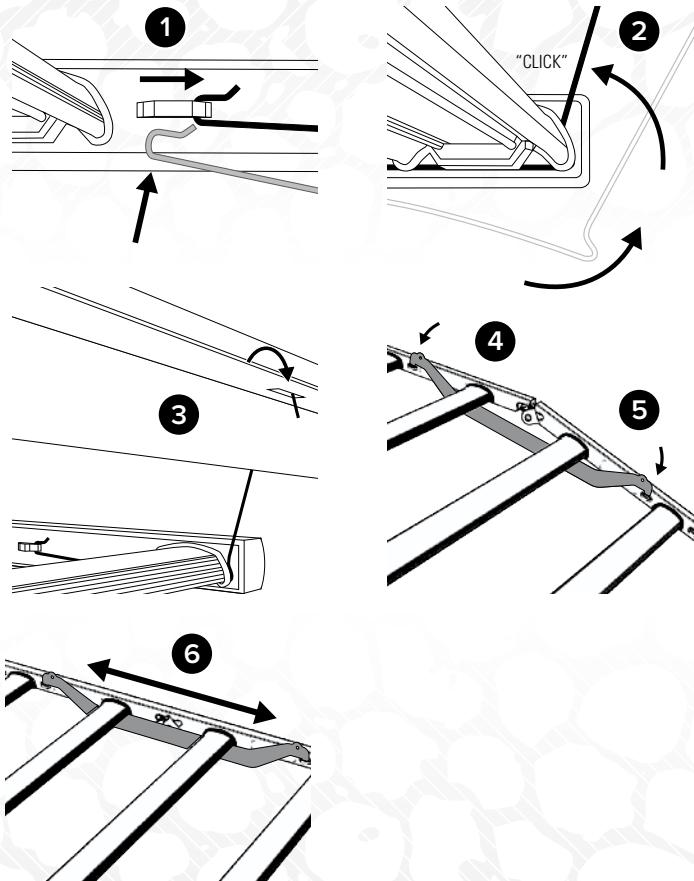
VAS Hanger
LONG



VAS Hinge Brace

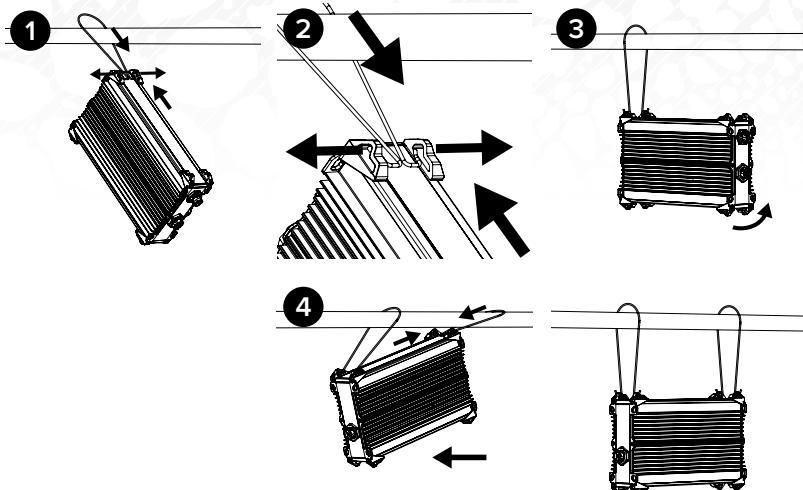
RACKS WITH TRAYS AND VAS CONTINUED

- 1 Hook one of the wire hangers on the 2nd bridge lance furthest from the hinge.
- 2 Bring wire around the end light bar such that it fits around the end connector as shown.
- 3 Hook the other end of the wire hanger into slots on the rack system. Repeat on both sides of the rack.
- 4 Install one side of brace by hooking one end of brace into bridge lance on SPYDR frame. Install other side of brace by slightly collapsing SPYDR fixture at hinge.
- 5 Hook the free end of brace into bridge lance on opposite side of SPYDR frame on the other side with the hinge collapsed.
- 6 Complete hinge brace installation by unfolding SPYDR frame to fully opened position. Repeat on the other side.



REMOTE MOUNTING THE POWER SUPPLY (2X, 2P)

- 1 Take (2) mounting brackets and hang a bracket over the support structure. Locate the holes for brackets on the narrow side of PSU power supply, hold up the power supply under the support structure under it.
- 2 While maintaining a firm grip on both, pinch the bottom of the bracket inward and horizontally insert it into the receiving holes on the PSU power supply, release the tension of the bracket.
- 3 Lift the ends of the brackets up to a 90° angle. Repeat above steps to install another bracket on the PSU power supply.



AC AND DC CABLE INSTALLATION

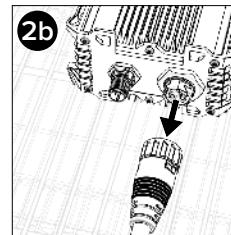
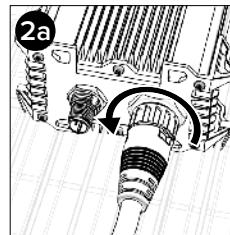
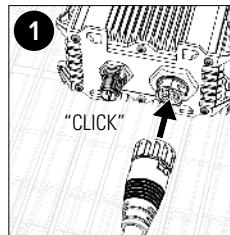
WARNING: Risk of Electrical Shock. Turn off and disconnect the power before installing, moving, or cleaning to reduce the possibility of serious injury. DO NOT connect or disconnect cables to or from the power supply or LED light bar while energized. Test all cable connections for correct and secure engagement after installation.

INSTALLATION OF THE DC POWER CABLE TO THE POWER SUPPLY AND LED LIGHT BAR

All DC cables use a push-lock type M19 2-pin connector to connect the cable to the power supply and LED light bar.

To Attach or Remove the Connectors:

- 1** To attach the connector, match up the keyed pins on the cable (male to female) to the receptacle and push it on until you hear a "click". Check that the connector is securely attached by lightly tugging on the cable. The cable will not come off if properly installed. Failure to test the cable connection may result in electrical shock or damage to the product.
- 2** To remove the connector, twist the ring on the base of the connector counter-clockwise approximately a quarter turn until it stops to release, and then pull straight out.



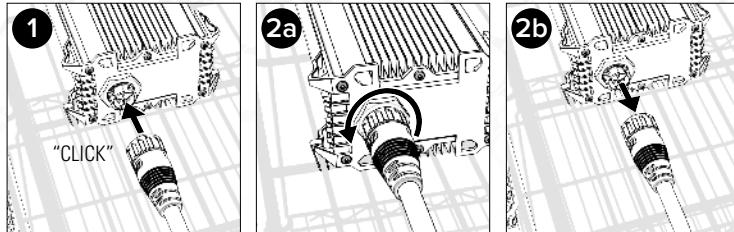
INSTALLATION OF THE AC POWER CABLE TO THE POWER SUPPLY

All AC power cables use a push-lock type M19 3-pin connector to connect the cable to the power supply. The connection to power is available in several plug types for receptacles, or in pigtails for direct wiring.

To Attach or Remove the Connectors:

- 1** To install the connector, match up the keyed pins on the cable (male to female) to the receptacle and push it on until you hear a "click". Check that the connector is securely attached by lightly tugging on the cable. The cable will not come off if properly installed. Failure to test the cable connection may result in electrical shock or damage to the product.

- 2** To remove the connector, twist the ring on the base of the connector counter-clockwise approximately a quarter turn until it stops to release, and then pull straight out.

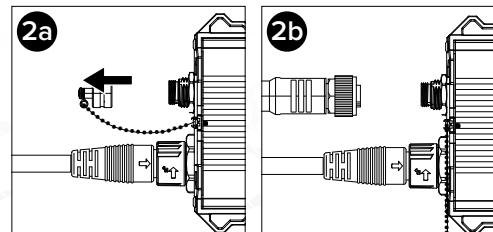


INSTALLATION OF THE DIMMING CABLE TO THE POWER SUPPLY

The DC dimming cable uses a coaxial type A-code M12 3-pin connector to connect the cable to the power supply. To install the DC dimming cable:

- 1** Remove the dust cap from the power supply dimming port and let it hang by the chain.

- 2** Match up the connector end on the cable (female) to the power supply dimming port (male) and twist the ring on the connector clockwise to tighten until hand-tight. Check that the connector is securely attached by lightly tugging on the cable. The cable will not come off if properly installed. Failure to test the cable connection may result in electrical shock or damage to the product or connected lighting controller.



CAUTIONS & WARNINGS

WARNING

Turn off and disconnect the power before installation. Installation should be performed by a qualified electrician in accordance with all national and local electrical and construction codes and regulations.

- DO NOT attempt to install or use this product until you have fully read and understand the installation instructions contained in this user and installation guide and on the product safety labels. Failure to follow the Fluence product instructions and safety label advice may result in damage to the product, damage to property, or personal injury. Be sure to retain a copy of this user guide after installation for future reference.
- Risk of Electrical Shock. Turn off and disconnect the power before installing, moving, or cleaning to reduce the possibility of serious injury. DO NOT disconnect cables from the power supply or LED light bar while energized.
- Only connect the system to an electrical outlet or circuit of appropriate type and rating for the cord and plug. Connect the system only to power sources of the correct voltages and frequencies listed in the product specifications.
- Protect power cables from being pinched, walked on, or otherwise damaged.
- Use a strain-relief or power cord grip if needed. Maintain a minimum of 1" (2.5 cm) bend radius for all cables.
- Use IP wet-rated junction boxes and fittings for the power cords equal to the IP rating of the rating of the lighting system for the application.
- DO NOT connect to live power until installation is complete and all connections are made.
- DO NOT modify or alter the product; doing so will void the warranty. Please refer to the Fluence Terms and Conditions and Limited Warranty for further details.
- LED and heatsink surfaces may be hot. DO NOT touch while in operation. Allow sufficient cooling time before handling.
- To reduce the risk of overheating or fire, never place operating fixtures face down on a flush surface. Always allow for adequate ventilation of fixtures and power supplies.

CAUTIONS & WARNINGS

CHEMICAL EXPOSURE PRECAUTION

Fluence lighting systems are designed to be resilient against crop protection products. Many chemicals used in the Commercial Horticultural Industry are corrosive to electronic equipment. If the luminaire is accidentally exposed to a corrosive liquid or vapor (e.g. VOC –Volatile Organic Compound and H₂S – Hydrogen Sulfide) the luminaire must be rinsed with clean water as soon as possible. The product warranty will no longer apply if the product is exposed or remains in the corrosive environment. It is recommended the luminaires be removed and protected from the corrosive environment during all periods of disinfection or sanitization of the facility. The product warranty will be void if the SPYDR 2x or 2p product is repeatedly exposed to Sulfur.

CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information: www.P65Warnings.ca.gov.

PHOTOBILOGICAL HAZARD SAFETY

Photobiological safety of lamps and lamp systems (IEC/EN 62471 and TR 62778). This International Standard describes the photobiological safety of lamps and lamp systems, including luminaires. The rating of this product according to this standard can be found in the table to the right.

Ordering Code	All Radiation Hazards
SR-2x47-l-xxx-xx-xx-xxx-x-x	Exempt Group (None)
SR-2x40-l-xxx-xx-xx-xxx-x-x	
SR-2x33-l-xxx-xx-xx-xxx-x-x	
SR-2p47-l-xxx-xx-xx-xxx-x-x	



ETL Rating: SPYDR 2 fixtures are rated suitable for wet locations. A "wet location" is defined as an interior or exterior location in which water or other liquids may drip, splash or flow on or against the electrical components of a lighting fixture. SPYDR 2 Series fixtures and power supply are certified to meet UL standards (ETL) from the Intertek safety consulting and certification company. Systems are cETL listed and are rated IP66 by IEC standard 60598-1.



D Produkt zur Raumbeleuchtung

in Haushalt nicht geeignet GB Produkt not suitable for domestic household lighting F Produkt inadapte à l'éclairage intérieur d'une habitation I Produkt non idoneo ai impianti di illuminazione domestici E Producto no adecuado para iluminacion residencial P Producto nao adequado para iluminacao domestica GR To pródot niec sivac katalóvala ubi fizycznym okiem nie wykona NL Produkt niet geschikt voor huishoudelijke verlichtingsdoeleinden S Produktet er ej lämplig för hushållsbelysning FIN Tuotetta ei voida käyttää kotitalouskun valaisusun N Produktet er ikke egnet til å lyse opp rom med DK Produktet er ikke egnet til husholdningsbelysning CZ Vyrobek není vhodný pro osvětlení domácnosti RUS Produktet не подходит для бытового освещения помещений KZ Бұл ендиң үйдегі тұрмыстық жаһытандыруға жарамайтын H A termék nem alkalmas hasztartási világításnak PL Produkt nie jest odpowiedni do oświetlenia domowego SK Produkt nie je vhodny na osvetlenie miestnosti v domácnosti SLO Izdelek ni primeren za osvetlitev bivalnih prostorov TR Urun, ey aydinlatmasi icin uygun degilir HR Prodizvod nije prikladan za rasvetu prostorija u kućanstvu RO Produsul nu este adevarat pentru iluminatul locuintei BG Продуктът не е подходящ за жилищно-битово осветление EST Toode ei sobi majapidamisvahustikus LT Prietais neskitas namų apšvietimui LV Produkts nav piemērots apgaismojumam mājās SRB Proizvod nije pogodan za rasvetu u domaćinstvu UA Produkt не підходить для побутового освітлення промислен



D WEEE-Gerätekennzeichen: Nicht in den Haushall werfen! Sachgerechte Entsorgung der Produkte und Verpackung nach geltendem Landesrecht vornehmen. GB WEEE device identification: Do not dispose of in domestic wastel Proper disposal of the product and packaging must be done in accordance with the applicable national law. F Identification WEEE du dispositif : ne pas jeter avec les dechets menagers ! Le produit et son emballage doivent étre éliminés conformément à la législation nationale en vigueur. I Identificazione RAEE del dispositivo: non gettare nel cassonetto dei rifiuti domestici! La corretta smaltimento del prodotto e della confezione deve avvenire secondo le norme nazionali in vigore.

positivo: Non smaltire con i rifiuti domestici! Lo smaltimento corretto del prodotto e dell'imballaggio deve essere effettuato secondo la legge nazionale applicabile. E Identificazione RAEE del dispositivo: No desear con los residuos domésticos. El desecheo adecuado del producto y el embalaje deberá llevarse a cabo de conformidad con la ley nacional aplicable. P Identificacao do dispositivo REEE: Não deite fora no lixo doméstico! A eliminação adequada do produto e da embalagem deve ser feita em conformidade com a legislação nacional aplicável. GR Αναγνώριση συσκευής WEEE. Μην απορρίψετε με τα οικιακά απόρριμα! Η απόρριψη του προϊόντος και της συσκευής πρέπει να γίνεται σύμφωνα με την ισχουσσα εθνικη νομοθεση. NL WEE-apparaatidentificatie niet weggoen bij het huishoudelijke afval! Correcte verwijdering van het product en verpakking dient te gebeuren overeenkomstig de toepasselijke nationale wetgeving. S Enhets identifikation för WEEE: Släng inte bland hushållssopor! Produkten och förpackningarna måste slängas på ett korrekt sätt i enlighet med gällande nationell lag. FIN WEEE-laitetuksen: Älä haittaa kotitalousjätteen seassa! Tuotteen ja pakkausseen asianmuainen havittaminnen on suoritettava soveltuvalle paikallisten lakiain mukaisesti. NW ENEEs identififikasjon: Skal ikke kastes i husholdningsavfallet! Riktig avhending av produktet og emballasjen må gjøres i henhold til gjeldende nasjonale lover. DK WEEE-idenhedsifikation: Ma ikke bortskaffes med husholdningsavfallet! Korrett bortkaffelse av produktet

og emballagen skal ske i overensstemmelse med gildende national lovgivning. CZ Označení zařízení podle systému WEEE: Nevyhuzovat do domovního odpadu! Správna likvidácia uvozku a obalu musí byť provedená v súlade s platnými národními legislatívami predpisy. RUS Идентификация устройства в соответствии с Директивой ЕС (WEEE): об отходах электрического и электронного оборудования: Не выбрасывайте продукт вместе с бытовыми отходами! Продукт и упаковку необходимо утилизировать надлежащим образом в соответствии с действующим национальным законодательством. KZ WEEE күршылық идентификациясы: үй көкьызымен бірге тастаманы! Бұның мен мән оның картамасының тасталық көлданыстырылғыш заңың сағ дарыс орнадырылғы тиқ. Нl WEEE кезекүй азонастон: Kommunális hulladékba helyezni tilos! A termék es a csomagolás megfelelő ártalmatlansáthat a hatályos nemzeti szabályozás szerint kell elvezetni. PL Identyfikacja urządzenia zgodnie z WEEE: Urządzenia nie wolno wyrzucać wraz ze zwykłymi odpadami domowymi! Właściwe usuwanie produktu i opakowania musi odbywać się zgodnie z obowiązującym prawem krajowym. SK Označenie zariadenia WEEE: Neklikujte tohto produkту a obalovu sa musi vykonať v súlade s národnými pravnými predpismi. SLO

Identifikacija Izdelka u smislu OEE: Ne zavržite med gospodinjske odpadke! Izdelek in embalažo je treba med odpadke zavreči ustrezno in v skladu z veljavno nacionalno zakonodajo. TR WEEE cihaz klinigli: Evsel atiklara dahil etmeyin! Urun ve ambalaşın doğru emballajda imhaşla ilgili ulusal yasaya uygun olarak gerçekleştirilmelidir. HR Označka WEEE na uređaju: ne odlažite u kućni otpad! Proizvod iz pakiranje potrebno je ispravno odložiti u skladu s primjenjivim zakonom države. RO Identificarea dispozitivelor WEEE: Nu eliminati produsul în gunoiul menajer! Eliminarea corectă a produsului și ambalarea sa vor face în conformitate cu legea națională aplicabilă. BG Идентификация на устройството по WEEE: Да не се изхвърля с битовите отпадъци! Правилното триериране на продукта и опаковката му като отпадъци трябва да става в съответствие с приложимото национално законодателство. EST WEEE-seadme identifitseerimine: Arge visake olmejaetmetesse! Toote ja pakendite noueteukohane korvaldamine peab toimuma kooskolas kehtivate siseriklike oigusaktidega. LT WEEE įrenginio identifikacija: nėrašināti kartu su butiniemis atliekomis! Gaminio ir pakuočės šalinimąsi turi būti atlikamas pagal šalyje galiojančius išstatymus. LV WEEE ierīces identifikācija: neizmēdz sadzīves atkritumus! Produkts un iepakojums jāizmēdz atbilstoši pieņemto valsts likumam. SRB Identifikacija WEEE uređaja: Nemojte da odlažete u otpad iz domaćinstva! Proizvod i pakovanje morate da odložite u otpad u skladu sa važećim načonalnim zakonom. UA Identifikacija пристрою відповідно до Директиви ЄС (WEEE) щодо відпрацьованого електричного та електронного обладнання: Не викидайте продукт разом з іншими домашнimi сміттями! Продукт та упаковку слід утилізувати належним чином відповідно до діючого національного законодавства.

III

D Produkt, bei der der Schutz gegen elektrischen Schlag auf der Anwendung der Schutzklempnung (SELV) beruht und in der Spannungen hoher als SELV nicht erzeugt werden. GB The product protects against risk of electric shock with safety extra-low voltage (SELV), not exceeding voltages above SELV. F Le produit protège des risques d'électrocution grâce à la très basse tension de sécurité (TBTS). Il ne présente pas de tension supérieure à la TBTS. I Il prodotto protegge dal rischio di scossa elettrica grazie al sistema a bassissima tensione (SELV) che non supera le tensioni SELV. E El producto protege contra riesgo de descarga eléctrica con voltaje bajo extra seguro

(SELV) que no exceda los voltajes superiores a SELV. P o produto protege contra o risco de choque elétrico com a tensão de segurança muito baixa (SELV), na excedendo as tensões acima de SELV. GR To προϊόν προσφέρει προστασία από ηλεκτρική λάθος της εξισωτική χαμηλής τάσης (SELV). To προϊόν δεν προστατεύει της λάθος πάνω από την επίπεδη SELV. NL Dit produkt beschermt tegen het risico op elektrische schokken met extra lage veiligheidsspanning (SELV); de SELV wordt niet overschreden. S Produkten skyddar mot risken för elektrisk chock med extra låg säkerhetsspanning (SELV) som inte överstiger spänningen över SELV. FIN Tuote on suojattu sahkoisesta vastaan erityisen alaisina suojaannitettuna (SELV) ansiosta, jannitettu ei ylitä SELV-jannitetta. N Produktet beskytter mot risikoen for elektrisk stat med ekstrapolet lavspenninng (SELV), som ikke overstiger spenninng over SELV. DK Produktet beskytter mod risiko for elektrisk stat med sikkerheds - ekstra-lavsp. ning (SELV, safety extra-low voltage), der ikke overstiger sp.nindring over SELV. CZ Vyrobeni chrani před uzařem elektrickým prudem vzhledem k extra-nízkemu napětí (SELV), nevykuptej si zde napěť nad SELV. RUS Продукт предотвращает риск поражения электрическим током благодаря работе при безопасном сверхнизком напряжении (БСНН). Напряжение не превышает БСНН. KZ Бұл өнім күйінде ете томенгі кернеуден (SELV) майдашынан жогары кернеуден адепталған күйінде ете томенгі кернеуден арқылыңа электр тобына туып калыптын көргілән. H A termék biztonsági torpesítseltseg (SELV) alkalmazásaval ved az elektromos aramitás veszélyevel szemben, a SELV erőfeszíték nem haladja meg a feszültséget. PL Produkt chroni przed porażeniem pradem elektrycznym dzięki obwodowi bardzo niskiego natężenia (SELV), nie przekraczającym natężenia powyżej SELV. SK Produkt chrani pred zasihanutim elektrickym prudem použitím ochranného nízkeho napätia (SELV), nedosahuje si napätie prekrájujúceho SELV. SLO Izdelek varuje pred električnim udarom zaradi varnostne male napetosti (SELV) in ne presega napetosti, višjih od SELV. TR Urun, SELV, SELV üzerindeki voltajlara cikmayan, guvenli çok dusuk gerilimle (SELV) elektrik soku riskini karisır. HR Proizvod pruža zaštitu od električnog udara primjenom sigurnosnog malog napona (SELV). Ne generiraju se naponi koji premašuju SELV. RO Produsul protejează împotriva riscului de electrocutare cu tensiune de siguranță foarte joasă (SELV), sără depășească tensiunile mai mari decat SELV. BG Продуктът осигурява защита срещу електрически удар с безопасно сървизиско напрежение (SELV), което не се повишава до стойности над SELV. EST Toode kaitseb elektrilöögi ehti esita maandamata kaitsvalekepinge suseemingu (SELV), mis ei ületa SELV-i korgemaid pingide. LT Prietaisais apsaugo nuo elektros smūgio pavojais, jeigu žmėi saugia

itampa (SELV) neviršja SELV itampos. LV Produkts pasārgā no elektrošķīroska riska, jo tam ir izteki zema strāva (SELV), kas nepārsniedz strāvas līmeni virs SELV. SRB Proizvod štīl od rizike od električnog udara putem izuzetno niskog bezbednog napona (SELV), koji ne prekoračuje napone iznad SELV. UA Produkut zapobiega risiku ujarenia električnim stromom zavdaky rabioti pri bezlečini nadzidziny napruži (БННН). Napruga ne perenivicze БННН.

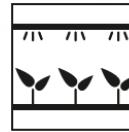


D CE-Kennzeichen: Hiermit erklärt Signify, dass dieses Produkt den grundlegenden Anforderungen und den relevanten Vorschriften der europäischen Richtlinien entspricht. GB CE marking: Signify declares that this product conforms with the basic requirements and relevant provisions of the European guidelines. F Marque CE: Signify declare que ce produit répond aux exigences de base et aux dispositions correspondantes des directives européennes. I Marchio CE: Signify dichiara che questo prodotto è conforme ai requisiti di base e i provvedimenti pertinenti secondo le linee guida europee. E Marca CE: Signify declara que este producto cumple con los requisitos básicos y las disposiciones relevantes de las directrices europeas. P Marca CE: A Signify declara que este producto está em conformidade com os requisitos básicos e as disposições relevantes das diretrizes europeias. GR Σήμανση CE: H Signify δηλώνει ότι το πρόϊόν αυτό συμφρούεται με τις βάσιες απαιτήσεις και τις σχετικές διατάξεις των ευρωπαϊκών διογκών. NL CE-markering: Signify verklaart dat dit product voldoet aan de basisvereisten en relevante bepalingen van de Europees richtlijnen. S CE-markning: Signify tillkännager att den har produkten uppfyller de grundläggande kraven och relevanta bestämmelserna i de europeiska riktlinjerna. FIN CE-merkinta: Signify takaava, että täma tuote täyttää Eurooppan aiset perusvaatimukset ja muut tarkeitat vaatimukset. N CE-merking: Signify erklærer at dette produktet oppfyller krav og relevante bestemmelser i de europeiske retningslinjene. DK CE-mrkning: Signify erklærer, at dette produktet overholder de grunnleggende krav og relevante bestemmelser i de europeiske veileddinger. CZ Značka CE: Společnost Signify prohlašuje, že tento výrobek splňuje základní požadavky a ustanovení evropských smernic. RUS Markevirovka CE: компания Signify заявляет, что данный продукт отвечает основным требованиям и соответствующим положениям Европейских директив. KZ CE belgesi: Signify компаниясы бұл емністік Еуропалық нұсқаулықтардың негізгі тапташтар мен жетекшіліктерінен көнінеке жариялайтын. H CE jelöles: Az Signify kijelenti, hogy a termék teljesít az Európai irányelvek

alapvető kovetelményeyt es vonatkozo előirásait. PL Oznakowanie CE: firma Signify oświadczenie, że niniejszy produkt jest zgodny z podstawowymi wymogami i odpowiednimi postanowieniami wtycznych europejskich. SK Označenie CE: Spoločnosť Signify týmto deklaruje, že tento produkt vyhovuje zakladnym požiadavkam a relevantnym predpisom evropskych smernic. SLO Oznaka CE: Družba Signify izjavlja, da ta izdelek izpolnjuje osnovne zahteve in ustrezne določila evropskih smernic. TR CE işaret: Signify, bu ürünün Avrupa klavuz ilkelemin ilgili hükümleri ve temel gerekliliklerine uygun olduğunu beyan eder. HR Oznaka CE: tvrtka Signify ovim izjavljuje da je ovaj proizvod u skladu s osnovnim zahtjevima i relevantnim odredbama evropskih direktiva. RO Marcaj CE: Signify declară că acest produs respectă cerințele de bază și prevederile relevante ale standardelor europene. BG Markevirovka „CE“: Signify декларира, че този продукт съответства на основните изисквания и приложимите разпоредби на европейските науки. EST CE-margis: Signify kinnitat, et antud toode vastas Euroopa suunise põhinoonetele ja asjakohastele sätetele. LT CE ženklinimas: Signify pareiškia, kad šis prietaisas atitinkama pagrindinius Europos gairių reikalavimus ir atitinkamas nuostatas. LV CE markējums: Signify pazino, ka šis produkts atbilst Eiropas vadlīniju pamata prasībām un saistītībām nosacījumiem. SRB CE označavanje: Signify izjavljuje da je ovaj proizvod u saglasnosti sa osnovnim zahtevima i važećim propisima evropskih smernica. UA Marкування CE: компанія Signify засвічує,

jer.UKCA-merkteken: Signify verklaart dat dit product voldoet aan de fundamentele relevante wettelijke instrumenten van het VK en relevante bepalingen van de richtlijnen van het Verenigd Koninkrijk. UKCA tāhs: Signify kinnitat, et see toode vastab Ühendkuningriigi põhiseadustele õigusaktidele ja Ühendkuningriigi juhiste asjakohastele sätetele. UKCA-merki: Signify väljastab, et tämä tuote on Yhdysvaltine kuningaskunnan lakisäädosten perussäädosten jaasia koskevien Yhdysvaltineen kuningaskunnan ohjeiden mukainen. Marque UKCA : Signify déclare que ce produit est conforme aux instruments réglementaires britanniques de base et aux dispositions pertinentes des directives du Royaume-Uni. UKCA-Zeichen: Signify erklärt, dass dieses Produkt den grundlegenden einschlägigen britischen Rechtsinstrumenten und den einschlägigen Bestimmungen der britischen Richtlinien entspricht. Σήμα UKCA: Η Signify δηλώνει ότι αυτό το προϊόν συμφρούεται με τις βάσιες σχετικές νομοθετικές πράξεις του Ηνωμένου Βασιλείου και τις σχετικές διατάξεις των κατευθυντήριων γραμμών του Ηνωμένου Βασιλείου. SRB CE védéjegy: Az Signify kijelenti, hogy ez a termék megfelel az Egyesült Királyság alapvető vonatkozó törvényi eszközöknek és az Egyesült Királyság irányelvénélkön vonatkozó rendelkezéseinek. Marc UKCA: Dearbhailonn Signify go gomhlonian ann a tárgie seo bunions traismíreachta ábhartha na RA agus forálaibha ábhartha theoríilimte na Ríochta Aontaithe. Marchio UKCA: Signify dichiara che questo prodotto è conforme agli strumenti legali di base del Regno Unito e alle disposizioni pertinenti delle linee guida del Regno Unito. UKCA markējums: Signify pazino, ka šis izstrādājums atbilst galvenajiem attiecīgajiem Apvienotās Karalistes tiesību aktiem un attiecīgajiem Apvienotās Karalistes vadlīniju noteikumiem.UKCA ženklas: Signify pareiškia, kad šis gaminis atitinka pagrindinius atitinkamus JK teisės aktus ir atitinkamas Jungtinės Karalystės gairių nuostatas. Marke UKCA: Signify didžioklara į darį išprodoto iškonformu mal-instrumentu statutoriu rilevant baziči tar-Renju Unit u d-dispozīzjonijā rilevant balīji linji gwida tar-Renju Unit. Znak UKCA: Signify oświadczenie, że ten produkt jest zgodny z podstawowymi odpowiednimi instrumentami ustawowymi Wielkiej Brytanii oraz odpowiednimi postanowieniami wtycznych brytyjskich. Marca UKCA: A Signify declara que este producto está em conformidade com os instrumentos legais básicos relevantes do Reino Unido e com as disposições relevantes das diretrizes do Reino Unido. Marca UKCA: Signify declará că acest produs este în conformitate cu instrumentele legale de bază relevante din Regatul Unit și cu prevederile relevante ale ghidurilor Regatului Unit. Znacka UKCA: Signify vyhlásuje, že tento produkt je v súlade so základnými príslušnými zákonnými nástrojmi Spojeného kráľovstva a príslušnými ustanoveniami smernic Spojeného kráľovstva. Oznaka UKCA: Signify

izjavlja, da je ta izdelek v skladu z osnovnimi usrednjimi zakonskimi instrumenti Združenega kraljestva in ustrezimi določbami smernic Združenega kraljestva. Marca UKCA: Signify declara que este producto cumple con los instrumentos legales básicos pertinentes de las directrices del Reino Unido. UKCA-märke: Signify förklarar att detta produkt överensstämmer med de grundläggande relevanta brittiska lagstadgade instrumenten och relevanta bestämmelser i Storbritanniens riktlinjer. D WEEE-Gerätekennzeichen: Nicht in den Hausmüll werfen! Sachgerechte



Horticulture Use

SPYDR 2H Photobiological risk group 2: CAUTION possibly hazardous optical radiation emitted from this product; Do not stare at operating lamp. May be harmful to eyes; The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 0,289 m is not expected.

SPYDR 2H Fotobiologična rizikova grupa 2: VIMINAMIE vzmomojno opasno optično izljevanje, izpljuvano ot tozi produkt; Ne se vzmirajte v rabotnata lampa. Može da bude vredno za očite; Osvetljenieto tijelo треба да бъде разположено така, че да не се очаква продължително гледане в осветлителното тяло на разстояние по-близо от 0,289 m.

SPYDR 2H Fotobiološka skupina rizika 2: OPREZ moguće opasno optičko zračenje koje emitira ovaj proizvod; Ne gledaj u radnu lampu. Može biti štetno za oči; Rasvetljivo tijelo treba postaviti tako da se ne očekuje dugotrajno buljenje u svjetiljku na udaljenosti manjoj od 0,289 m.

SPYDR 2H Fotobiologisk riskogruppe 2: FORSIG-TIG muligvis farlig optisk stråling udsendt fra dette produkt; Kig ikke på driftslamper. Kan være skadeligt for øjnene; Armaturet bør placeres således, at der ikke forventes langtrevende stirring ind i armaturet i en afstand nærmere end 0,289 m.

SPYDR 2H Fotobiologische risicogroep 2: LET OP mogelijke gevarenlijke optische straling die door dit product wordt uitgezonden; Kijk niet naar de operatielamp. Kan schadelijk zijn voor de ogen; De armatuur moet zo worden geplaatst dat langdurig staren in de armatuur op een afstand van minder dan 0,289 m niet wordt verwacht.

SPYDR 2H Fotobiologiligne riskirühm 2: ETTEVAATUST, seetõde võib kiirguda ohtlikult Optilist kirrust; Arge vaadake töölamppu. Võib olla silmadele kahjulik; Valgusti tuleb paigutada nii, et pikaajaline vaatamine valgustisse lähemal kui 0,289 m ei oleks oodata.

SPYDR 2H Fotobiologinen riskiryhmä 2: VAROITUS, tämä tuote mahdollisesti lähetää vaarallista optista sateilyä; Älä tultuja käytöllälamppua. Voi olla haifaallista silmiin; Valaisin tullee sijoittaa niin, ettei pitkäkestoisista katsoimista valaisimeen lähempänä kuin 0,289 m etäisyydellä odoteta.

SPYDR 2H Groupe de risque photobiologique 2 : ATTENTION rayonnement optique éventuellement dangereux émis par ce produit; Ne regardez pas la lampe opératoire. Peut être nocif pour les yeux; Le luminaire doit être positionné de sorte qu'un regard prolongé dans le luminaire à une distance inférieure à 0,289 m ne soit pas attendu.

SPYDR 2H Photobiologische Risikogruppe 2: VORSICHT möglicherweise gefährliche optische Strahlung, die von diesem Produkt ausgeht; Nicht in die Betriebslampe blicken. Kann schädlich für die Augen sein; Die Leuchte sollte so positioniert werden, dass ein längerer Blick in die Leuchte aus einer Entfernung von weniger als 0,289 m nicht zu erwarten ist.

SPYDR 2H Ομάδα φωτοβιοϊοκού κινδύνου 2: ΠΡΟΣΟΧΗ πιθανώς επικινδυνή οπτική ακτινοβολία που εκπέμπεται από αυτό το προϊόν. Μην κοιτάζετε επίσημα τη λάμπα λειτουργίας. Μπορεί να είναι επιβλαβές για τα μάτια. Το φωτιστικό πρέπει να τοποθετηθεί έτσι ώστε να μην αναμένεται παραπλέοντα πλέγμα στο φωτιστικό σε απόσταση μικρότερη από 0,289 m.

SPYDR 2H 2. fotobiologiai kockázati csoport: VIGYAZAT a termék esetleg veszélyes optikai rögzítéstől bocsát ki; Ná bámuljon a működési lámpára. Szemre ártalmás lehet; A lámpatestet való körülbelül 0,289 m-nél közelebbi pillantás ne legyen váratlan.

SPYDR 2H Rischio fotobiologico gruppo 2: ATTENZIONE radiazioni ottiche potenzialmente pericolose emesse da questo prodotto; Non fissare la lampada operatoria. Può essere dannoso per gli occhi; L'apparecchio di illuminazione deve essere posizionato in modo tale da non prevedere uno sguardo prolungato nell'apparecchio a una distanza inferiore a 0,289 m.

SPYDR 2H 2. fotobiologisk rørsikrighedsklasse: UZMANI-BU, iespéjams, ka šis izstrādājums izstārīst bīstamu optisko starojumu; Neskatiesies uz darbības lampu. Var kaitēt acīm; Gaismeklis jānovēt tā, lai nebūtu sagaidāma ilgtosna skatīšanās gaismeklī attālumā, kas ir tuvāks par 0,289 m.

SPYDR 2H 2 fotobiologinės rizikos grupė: ATSIŠAU-KINTI, kad galinti pavojingiai optiniai spinduliai; Nežiūrėkite į veikimo lampą. Galį pakentti akims; Šviestuvas turi būti pastatytas taip, kad nebūtu tikėlinas ilgalaisis žiūrejimas į šviestuvą arčiau nei 0,289 m atstumu.

SPYDR 2H Fotobiologiczna grupa ryzyka 2: UWAGA potencjalnie niebezpieczne promieniowanie optyczne emitowane przez ten produkt; Nie wpatruj się w lampę operacyjną. Może być szkodliwy dla oczu; Oprawa powinna być ustawiona tak, aby nie przewidywano długotrwałego wpatrywania się w oprawę z odległości bliższej niż 0,289 m.

SPYDR 2H Grupo de risco fotobiológico 2: CUIDA-

DO radiação óptica possivelmente perigosa emitida por este produto; Não olhe fixamente para a lâmpada de operação. Pode ser prejudicial aos olhos; A luminária deve ser posicionada de forma que não seja esperado olhar prolongado para a luminária a uma distância inferior a 0,289 m

SPYDR 2H Grupa de risc fotobiologice 2: ATENȚIE radiatii optice posibil periculoase emise de acest produs; Nu vă uitati la lampa de operare. Poate fi dăunător pentru ochi; Corpul de iluminat ar trebui să fie poziționat astfel încât să nu fie așteptată o privire prelungită în corpul de iluminat la o distanță mai mică de 0,289 m.

SPYDR 2H Fotobiologická riziková skupina 2: UPZOZORENE potenciálne nebezpečné optické zářenie emitované z tohto produktu; Nepozorujte sa na operačnú lampa. Može byť škodlivý pre oči; Svetidlo by malo byť umiestnené tak, aby sa neocákaval dlhodobé pozeraanie do svetidla zo vzdialenosťi menšej ako 0,289 m.

SPYDR 2H Fotobiološka skupina tveganja 2: PREVIDJONO morebitno neverano optičko sevanje, ki ga oddaja ta izdelek; Ne glejte v operacijsko luč. Lahko je škodljiv za oči; Svetilko naj bo nameščeno tako, da ni pričakovan dolgotrajnega strmenja v svetilko na razdalji, manjši od 0,289 m.

SPYDR 2H 2. Grup de riesgo fotobiológico 2: PRECAUCIÓN radiación optica posiblemente peligrosa emitida por este producto; No mire fijamente a la lámpara de funcionamiento. Puede ser dañino para los ojos; La luminaria debe colocarse de modo que no se espere una mirada que prolongada a la luminaria a una distancia inferior a 0,289 m.

SPYDR 2H Fotobiologisk riskgrupp 2: FÖRSIKTIGHET möjliga farliga optisk stråling som avges från denna produkt; Stirra inte på driftslampan. Kan vara skadlig för ögonen; Armaturen bør placeres så att långvarig stirrande i armaturen på ett avstånd närmare än 0,289 m inte förekommer.

SPYDR 2H Fotobiologisk riskogruppe 2: FORSIK-TIG muligvis farlig optisk stråling som sendes ut fra dette produktet; Ikke stirr på driftslampan. Kan være skadelig for øjnene; Armaturen bør placeres slik at det ikke forventes langvarig stirring inn i armaturen på en avstand nærmere enn 0,289 m.

SPYDR 2H Fotobiologičnaya gruppa rizika 2: ОСТОРОЖНО возможно опасное оптическое излучение, испускаемое данным продуктом; Не смотрите на работающую лампу. Может быть вредным для глаз; Светильник следует

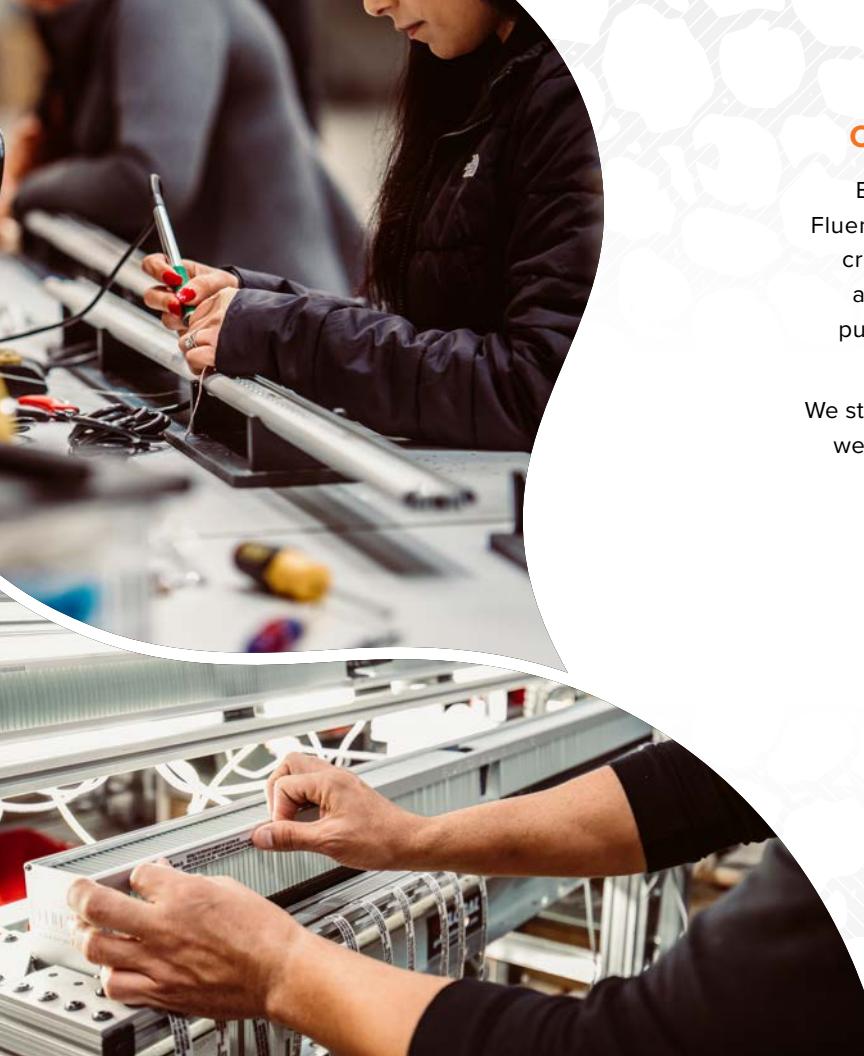
располагать так, чтобы не предполагалось длительное глядывание в светильник с расстояния ближе 0,289 м.

SPYDR 2H 2-fotobiologiyalış kauy topy: АБАЙ БОЛЫҢЫЗ, осы ейімнен шығатын кашуіт оптикалық саулемену; Жылдың істен тұран шамда қаралмайтын, қозға зиян тигізу мүмкін; Шамды 0,289 м-ден жақын кашылтықта шамга үзак қараш күтпілмейтіндегі етіп орналастыру көрек.

SPYDR 2H Fotobiyolojik risk grubu 2: DİKKAT bu türünden yayılan olası teknik optik radyasyon; Çalışma lambasına bakmayın. Gözler için zararlı olabilir. Armatür, armatür, 0,289 m'den daha yakın bir mesafeden uzun süre bakılması beklenmeyecek şekilde yerleştirilmelidir.

СПИДР 2Х Fotobiologiligne grupa rizika 2: ОПРЕЗ могуће опасно оптичко зрачење које емитује овај производ; Не будите у радну лампу. Може бити штетно за очи; Светилку треба поставити тако да се не очекује дуготрајно буљење у светилку на удаљености мањој од 0,289 м.

SPYDR 2H Fotobiologična grupa riziku 2: УВАГА: можливе небезпечні оптичні випромінення, які випромінюють цей продукт; Не дивіться на робочу лампу. Може бути шкідливим для очей; Світильник слід розташувати так, щоб не очікувалося тривалого відвідування в світильник на відстані менше 0,289 м.



OUR PRODUCT GUARANTEE & WARRANTY

Every SPYDR 2 series system is engineered and built by Fluence Bioengineering using state-of-the-art robotics and hand craftsmanship. All SPYDR 2 series systems are guaranteed against manufacturing defects for five years from date of purchase. Contact us at support@fluence-led.com for more warranty information.

We stand behind our research, we stand behind our technology and we stand behind our clients. <https://fluence-led.com/warranty/>



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