



**heliospectra**

# ELIXIA, EOS and DYNA

## Quick Set Up Guide



# Precautions



**Our product is an advanced and safe LED fixture. However, for proper operation and for your safety, please read and follow the below precautions:**

When unpacking the luminaire make sure to have a sturdy surface to work on. Damage to the unit can occur if dropped.

Do not immerse the fixture in water or clean the fixture with a high pressure water jet or strong detergents.

Never operate the fixture with the lens directly on a flat surface (e.g. table) as this may damage the lens. A minimum distance of 0.2m/8in should be kept to other objects.

The product is for indoor use only.

Always allow a free flow of air around the fixture. Verify that the air inlet and outlet are not covered. A minimum distance of 0.2m/8in should be kept to other objects. Blocked airflow may cause the lamp to dim to counteract overheating

This fixture may only be serviced by a trained technician. In the case of a suspected malfunction contact your distributor or Heliospectra directly.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 1 meter/ 40 inches is avoided.

Do not stare into the light source. LED grow lights may contain potentially harmful light radiation. Please use UV blocking eyewear when working in and around the illuminated area.

Only connect the fixture to properly grounded mains that complies with the voltage rating on the fixture (see power label).

Only operate the fixture with an undamaged power cord, power plug and electrical outlet.

Never unplug the fixture by pulling on the power cord.

For proper performance of the unit the ambient air temperature shall be no higher than 40° C.



**Le produit est un appareil moderne et sûr. Mais pour une bonne utilisation et pour votre sécurité, veuillez lire les informations ci-dessous :**

Quand vous déballez le luminaire assurez-vous d'avoir une surface solide sur laquelle travailler. L'appareil peut être endommagé si on le fait tomber.

N'immergez pas l'appareil dans l'eau et n'essayez pas de le nettoyer avec un jet d'eau à haute pression.

Ne pas mettre en marche l'appareil avec la lentille posée à plat sur quelque surface (par exemple : une table), cela pourrait l'endommager.

Le produit ne s'utilise qu'en intérieur.

Assurez-vous qu'il y ait un minimum d'air autour de l'appareil. Assurez-vous que l'espace réservé à cet effet ne soit pas encombré. Il doit y avoir un espace minimum de 0.2m/ 8 pouces entre l'appareil et d'autres objets. Le blocage de la circulation de l'air pourrait affaiblir l'intensité de la lumière pour éviter toute surchauffe.

Cet appareil ne peut être entretenu que par un technicien expérimenté. Si vous avez un soupçon sur le mauvais fonctionnement de celui-ci, contactez votre distributeur ou Heliospectra directement.

La source de lumière contenue dans ce luminaire ne doit être remplacée que par le fabricant ou ses agents de services ou une personne similaire qualifiée pour le faire.

Le luminaire doit être positionné de telle sorte que le fixer longuement à une distance d'1 mètre/ 40 pouces soit évité.

Ne pas fixer la source de lumière. Les éclairages LED pourraient potentiellement contenir des radiations lumineuses nocives. Portez des lunettes anti-rayons UV quand vous travaillez sous ou à proximité de l'endroit éclairé.

Ne connectez l'appareil que sur une prise reliée à la terre et dont le voltage correspond à celui de l'appareil.

L'appareil doit être mis en marche avec rien d'autre qu'une prise, un cordon électrique ou une prise secteur non endommagés.

Ne jamais déconnecter l'appareil en tirant sur le cordon électrique.

Pour une utilisation optimale de l'appareil, la température ambiante ne doit pas dépasser 40°C.

## Electrical Installation

Your luminaire will have either an attached power cable, as in the first two images, or a power socket and a detachable cable as in the final image. This depends on your specific variant.



Attached power cable

Attached power cable

Power socket

At the other end of the power cable you will either have a plug, or it will be open ended. This depends on what you have purchased. If you have open ended cables, make sure that you use a licensed electrician for the installation.



Luminaires must be installed with adequate surge protection according to the IEEE 1100-2005 recommended practice or, in Europe, the IEC 62305 standard. Ensuring you have the correct level of protection for your facility can be complex so it is strongly recommended that you consult a certified electrical engineer.

## Mounting



The luminaire is delivered with pre-mounted M6 i-hook bolts.

Connect your eyelets to these bolts and then connect them to the chosen mounting structure.

For proper operation, the luminaire must be mounted horizontally from a support structure. The support structure needs to be sturdy enough to support the weight of the luminaires and any additional equipment. It must also allow for air to flow freely into the fan.

If provided with a light plan you must install the lights accordingly. If not, please install to best to suit your needs.

## Connectivity and Control

If you have purchased an ELIXIA or DYNA then you will either need our basic helioCONNECT software to connect them or our full helioCORE™ control system to control them.

For details and to download helioCONNECT go to <https://support.heliospectra.com> or scan the QR code to go straight there.



To purchase helioCORE™ please contact your sales account manager and ask for more details.

## More Information

For full product manuals visit [support.heliospectra.com/portal](https://support.heliospectra.com/portal) or scan the QR code to go straight there.



	ELIXIA LX50	ELIXIA LX60	EOS E50	EOS E60	DYNA RX30
<b>Typical power consumption</b>	10.5W to 500W	10.5W to 600W	500W	600W	10.5W to 420W
<b>Input voltage</b>	312-528VAC, 47/63Hz	85-528 VAC, 50/60Hz	312 - 528VAC, 47/63Hz	85 - 305VAC, 50/60Hz	85 - 305VAC, 50/60Hz
<b>Maximum Current</b>	1.44 A @ 347 VAC 1.25 A @ 400 VAC 1.04 A @ 480 VAC	5.00 A @ 120 VAC 2.50 A @ 240 VAC 2.17 A @ 277 VAC 1.73 A @ 347 VAC 1.50 A @ 400 VAC 1.25 A @ 480 VAC	1.44 A @ 347 VAC 1.25 A @ 400 VAC 1.04 A @ 480 VAC	4.67 A @ 120 VAC 2.33 A @ 240 VAC 2.02 A @ 277 VAC	3.50 A @ 120 VAC 1.75 A @ 240 VAC 1.52 A @ 277 VAC
<b>Control</b>	Built in WiFi and/or Ethernet RJ 45, 10/100Mbit IPv4 Ethernet DHCP for IP address management 32 bit microprocessor (80MHz)	Built in WiFi and/or Ethernet RJ 45, 10/100Mbit IPv4 Ethernet DHCP for IP address management 32 bit microprocessor (80MHz)	-	-	Built in WiFi and/or Ethernet RJ 45, 10/100Mbit IPv4 Ethernet DHCP for IP address management 32 bit microprocessor (80MHz)
<b>Dimming</b>	Dimming 1-100%	Dimming 1-100%	-	-	Dimming 1-100%
<b>Housing</b>	Durable ABS plastic and powder coated aluminium	Durable ABS plastic and powder coated aluminium	Durable ABS plastic and powder coated aluminium	Durable ABS plastic and powder coated aluminium	Durable ABS plastic and powder coated aluminium
<b>Weight</b>	8kg (17.6lbs)	8kg (17.6lbs)	8kg (17.6lbs)	8kg (17.6lbs)	8kg (17.6lbs)
<b>Dimensions</b>	199 x 219 x 425 mm (7.83 x 8.62 x 16.73 in)	199 x 219 x 425 mm (7.83 x 8.62 x 16.73 in)	199 x 219 x 425 mm (7.83 x 8.62 x 16.73 in)	199 x 219 x 425 mm (7.83 x 8.62 x 16.73 in)	199 x 219 x 425 mm (7.83 x 8.62 x 16.73 in)
<b>Temperature</b>	Operating: -10-40 °C (14-104 °F) Storage: -20-70°C (-4-158°F)	Operating: -10-40°C(14-104°F) -10-35 °C (14-95 F) for 347 - 480 VAC Storage: -20-70°C (-4-158°F)	Operating: -10-40 °C (14-104 °F) Storage: -20-70°C (-4-158°F)	Operating: -10-40 °C (14-104 °F) Storage: -20-70°C (-4-158°F)	Operating: -10-40 °C (14-104 °F) Storage: -20-70°C (-4-158°F)
<b>Humidity</b>	Operating: 90 %(max.) relative humidity, non-condensing Storage: 95 %(max.) relative humidity, non-condensing	Operating: 90 %(max.) relative humidity, non-condensing Storage: 95 %(max.) relative humidity, non-condensing	Operating: 90 %(max.) relative humidity, non-condensing Storage: 95 %(max.) relative humidity, non-condensing	Operating: 90 %(max.) relative humidity, non-condensing Storage: 95 %(max.) relative humidity, non-condensing	Operating: 90 %(max.) relative humidity, non-condensing Storage: 95 %(max.) relative humidity, non-condensing
<b>Warranty</b>	3 years	3 years	3 years	3 years	3 years
<b>Cooling</b>	Active, variable speed cooling fan	Active, variable speed cooling fan	Active, variable speed cooling fan	Active, variable speed cooling fan	Active, variable speed cooling fan
<b>Compliance</b>	CE, cETLus,RoHS	CE, cETLus,RoHS	CE, cETLus,RoHS	CE, cETLus,RoHS	CE, cETLus,RoHS
<b>Lifetime</b>	50 000 hrs (rated life to 90% of initial photon flux)	50 000 hrs (rated life to 90% of initial photon flux)	50 000 hrs (rated life to 90% of initial photon flux)	50 000 hrs (rated life to 90% of initial photon flux)	50 000 hrs (rated life to 90% of initial photon flux)
<b>IP rating</b>	IP24 rated	IP24 rated	IP24 rated	IP24 rated	IP24 rated
<b>Compatible with helioCORE™</b>	Yes	Yes	-	-	Yes
<b>Network requirements</b>	DHCP service and 100 Mbit/s switch or access point for WiFi. For details refer to the full manuals	DHCP service and 100 Mbit/s switch or access point for WiFi. For details refer to the full manuals	-	-	DHCP service and 100 Mbit/s switch or access point for WiFi. For details refer to the full manuals



If you have any questions or queries regarding your luminaire please visit our support portal at [support.heliospectra.com](https://support.heliospectra.com).  
Alternatively contact us at [support@heliospectra.com](mailto:support@heliospectra.com).



**heliospectra**

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