



HYDRA-3200 GROW LIGHT USER MANUAL



For instructions and product information,
scan the QR code or visit atreumlighting.com

SAFETY PRECAUTIONS

- Please read the manual thoroughly before attempting to install or operate any Atreum Lighting HYDRA Series system.
- Connect the system only to the power sources of the appropriate voltage using the AC plug type received. Protect power cables from being pinched or damaged.
- HYDRA Series systems are high-performance lighting solutions, and operate at elevated temperatures. Do not touch while in operation.
- You should seek service for your system by qualified service personnel if any of the following occurs:
 1. The power-supply cord or the plug has been damaged
 2. The unit has been exposed to rain or water submersion
 3. The unit exhibits a marked change in performance
 4. The unit has been dropped, or its enclosure or chassis is damaged

GENERAL CARE

Atreum Lighting HYDRA Series systems are passively cooled with zero moving components. They are designed for years of maintenance-free performance. Some basic care will keep your system operating at peak performance cycle-after-cycle.

- In order for the system to properly cool itself, at least one inch of space is required between the top of the fixture and the roof of your grow area. Failure to do so may shorten the fixture 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.
- 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.

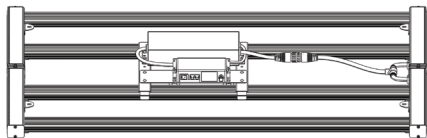
SPECIFICATIONS

Model	Input Power	Input Voltage (AC)	Amps
HYDRA-3200	320W +/- 5%	100-277VAC	2.67A @ 120V 1.54A @ 208V 1.33A @ 240V 1.16A @ 277V

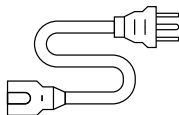
DIMENSIONS & WEIGHT

Model	Weight	Dimensions
HYDRA-3200	6.0kg (13.2lbs)	1033mm x 580mm x 78mm 40.7in x 22.8in x 3.1in

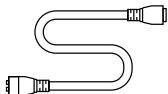
SYSTEM HARDWARE & ACCESSORIES



1. HYDRA-3200 Light Fixture



2. Power Cable



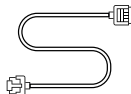
3. DC Extension Cable



4. Stainless Steel
Cable Hangers



5. Adjustable
Rope Hangers

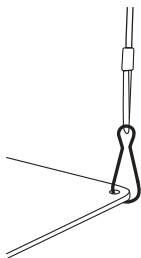


6. RJ11 Cable

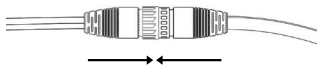
ASSEMBLY INSTRUCTIONS

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1. Attach 4 adjustable rope hangers, one at each attachment point. Hang the light at the appropriate height.



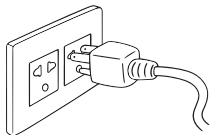
2. Connect power supply to fixture power cable



3. Plug the power cord into the control box.



4. Plug the power cord into the wall socket.

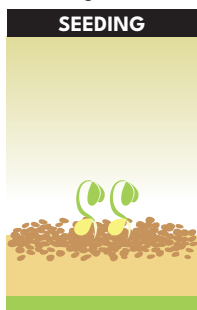


5. Turn on the light switch.



RECOMMENDED HANGING HEIGHT

Hang at 48"



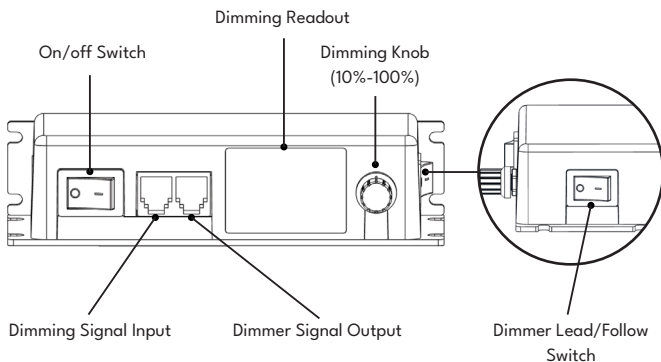
Hang at 24" - 48"



Hang at 12" - 24"

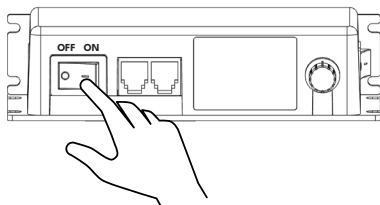


FUNCTION OVERVIEW

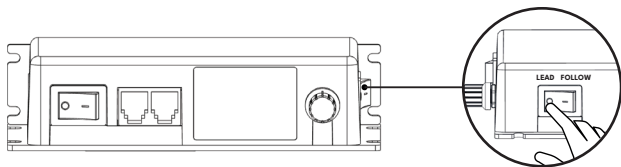


SINGLE LIGHT DIMMING OPERATION

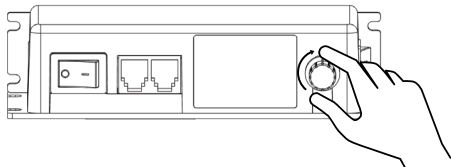
1. Turn on light switch



2. Set dimmer switch to Lead

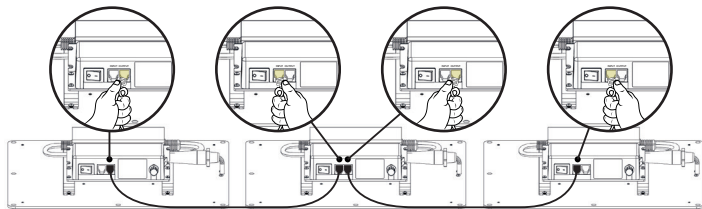


3. Adjust light using Dimming Knob

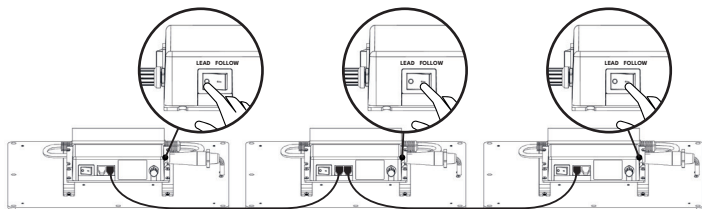


MULTI-LIGHT DIMMING OPERATION

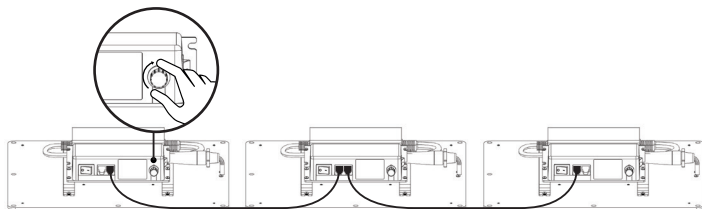
1. Connect multiple lights using the RJ11 cable, from the DIM Output of one unit to the DIM Input of the next unit.



2. Set one light as the primary by switching the dimmer switch to LEAD. Set all subsequent lights to FOLLOW.



3. Turning the dimming knob of the LEAD light controls the brightness of all connected FOLLOW lights.





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