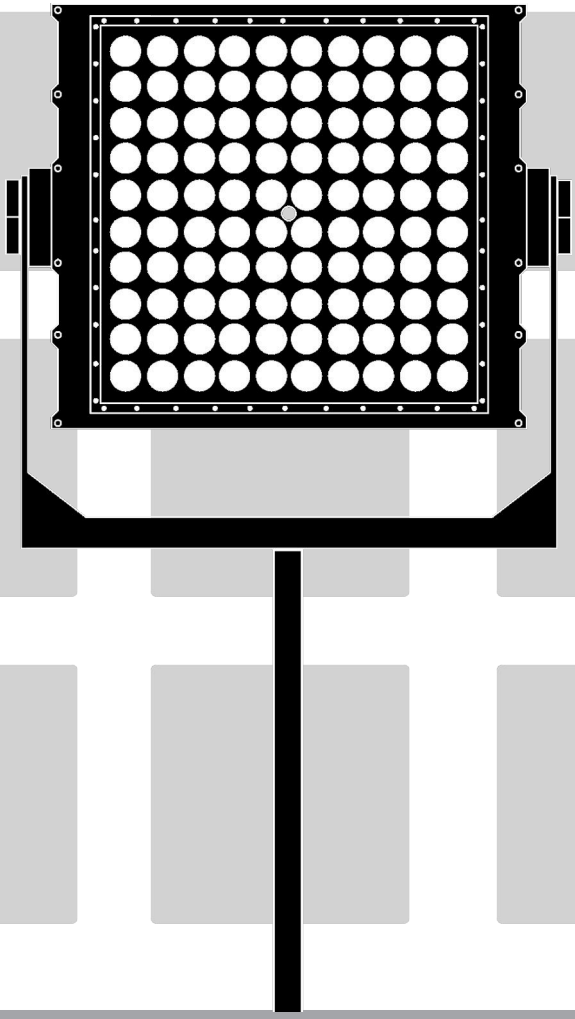
NİLA



ARINA USER GUIDE

Nila light fixtures are intended for indoor use only (unless clearly specified for outdoor use).

Nila light fixtures should not be used if the ambient temperature is over 50° C (120°F).

Do not use Nila light fixtures in wet conditions unless clearly specified for all-weather use. A shock hazard may exist if a fixture is placed directly in water.

Nila light fixtures are not suitable for direct mounting on normally flammable surfaces (suitable only for mounting on non-combustible surfaces).

When mounting a Nila light fixture for use, make sure the power cable is not stressed or kinked.
A shock hazard may exist if the power cable is being stressed due to the position of the fixture.

Only connect Nila light fixtures to grounded power supplies. Nila lights can only be attached to AC power supplies of 90 to 240 volts AC, 50 to 60 hertz (unless specifically noted as DC compatible).

Nila products conform to all applicable CE directives.

Nila products comply with North American safety standards.

RoHS Nila products comply with the Restriction of Hazardous Substances Directive.

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Arina (V2) user guide version 2 updated 5-7-19

Patents Pending
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ENVIRONMENTALLY SUSTAINABLE LED LIGHTING

Thank you for purchasing a Nila LED light fixture. You're now a member of an elite group of savvy lighting professionals who are ushering in a new age of lighting possibilities. Take a moment to read this manual and familiarize yourself with the operation of your new light fixture. With a little care, your Nila light fixture should give you many years of exceptional service.

STATEMENT OF WARRANTY

Please register your new Arina fixture to protect your investment:

http://nila.com/register

Your Nila Arina is covered by a warranty against manufacturing defects from the date of purchase by the original owner for two (2) years. Under this guarantee Nila Inc.'s liability is limited to repair or replacement of the product with the same or an equivalent product and does not include installation costs, removal costs, or transportation costs, nor loss or damage of any kind whatsoever, whether incidental, consequential or otherwise. Nila Inc. reserves the right to determine whether the equipment manufactured by Nila Inc. is defective. Damage due to normal wear and tear, incorrect installation, misuse, abuse, accident, or any cause other than a manufacturing defect is not covered by the warranty. Nila disclaims any liability for damage to products, adapters, other property, or personal injury resulting in whole or in part, from improper installation or use of its products. Commodities not manufactured by Nila Inc. are subject to the warranty or guarantee set forth by the manufacturer, and then only to the extent Nila Inc. is able to enforce the warranty or guarantee.

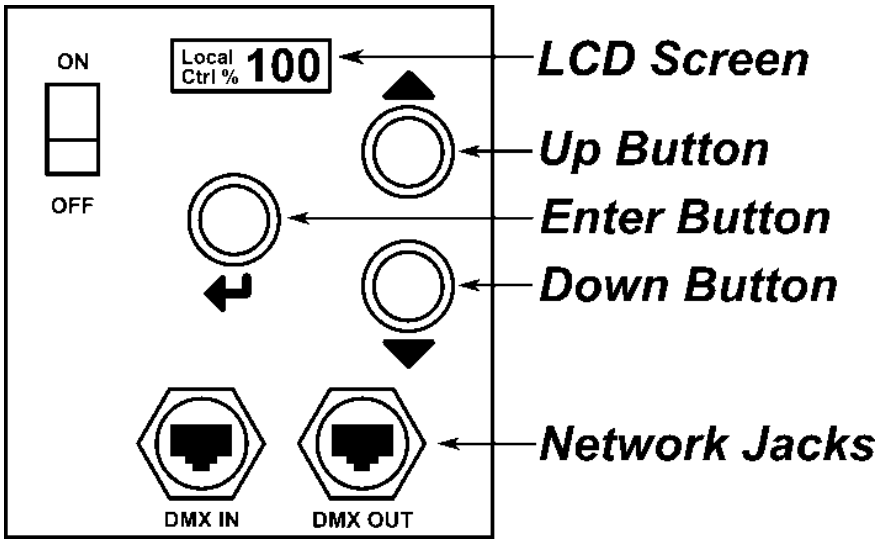
POWER OPTIONS

Your Arina fixture has a universal switching power supply that works at 90-240V AC input. An AC power cord with a NEMA, three-prong, grounded plug is permanently attached to each fixture.

Your Nila light fixture will work anywhere in the world as long as you have the proper plug adapter for the region. Regardless of plug type, a grounded power source is always necessary for safe operation.

Nila fixtures are not designed to be used with external dimmers.

CONTROLS



LENSES

The output of your Arina light fixture can be manipulated through the use of Nila's holographic film lenses. Nila fixtures are designed to acommodate one or both media in the slots on the fixture's face.

Arina holographic film lenses are available in 10°, 20°, 40°, 80°, and 10°x60° elliptical beam angles. The lenses spread the light to a precise beam angle. The elliptical lens can be used to spread the light either vertically or horizontally depending on its orientation in the lens holder.

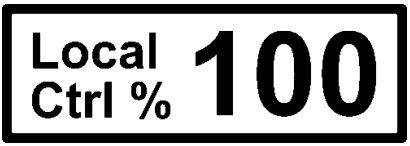
Lenses must be maintained in order to provide consistent performance. Always orient the lens so that the glossy side is facing out, away from the LEDs. You may clean the lenses with water or a non-abrasive window cleaner and a soft cloth. If the matte side of a lens gets wet it may be less effective. Allow it to dry completely before use. Place the lenses in the Nila lens pouch to protect them between uses.

CONTROL MODES

There are two different operating modes for controlling Nila light fixtures. On power up, the LCD screen on the rear of the fixture will display the startup screen with the software version number followed by the operating mode that the fixture was in when last switched off.

The two operating modes are Local Control Mode and DMX Mode. Press the **Enter Button** to switch between modes.

LOCAL CONTROL MODE



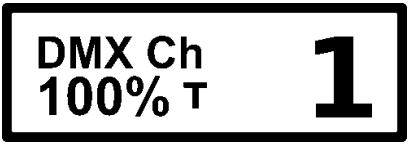
Local Control Mode allows for local dimming control of each individual fixture. To change the intensity of a fixture's light output, press the **Up or Down Arrows** on the rear of the fixture. The LCD screen will display the intensity of the output from 0 to 100%.

DMX CONTROL MODE

DMX Mode allows for remote dimming control of individual fixtures. This mode requires input from a DMX control system with an RJ45 adapter.

Nila Net allows for each fixture to be addressed to a single control channel between 1 and 512. These addresses correspond to those of a DMX control device. When there is a valid DMX signal present, the LCD screen will display the fixture's current channel setting and output level. If there is no DMX signal present, the LCD screen will read "No Signal".

To change the DMX channel of any Nila light fixture, press the **Enter Button** to switch to DMX control mode. The Select Channel screen will appear. Use the **Up and Down Arrows** to change the DMX channel. Once the channel is set, the display will return to the DMX control mode screen. The channel is now written to memory and will not change even if the light fixture is powered off.



When in DMX Mode, the last light in any chain will display a "T" on its display. This indicates that the control signal is terminated at that light fixture. If more than one light fixture in a chain displays a "T", then there is a faulty cable or fixture.

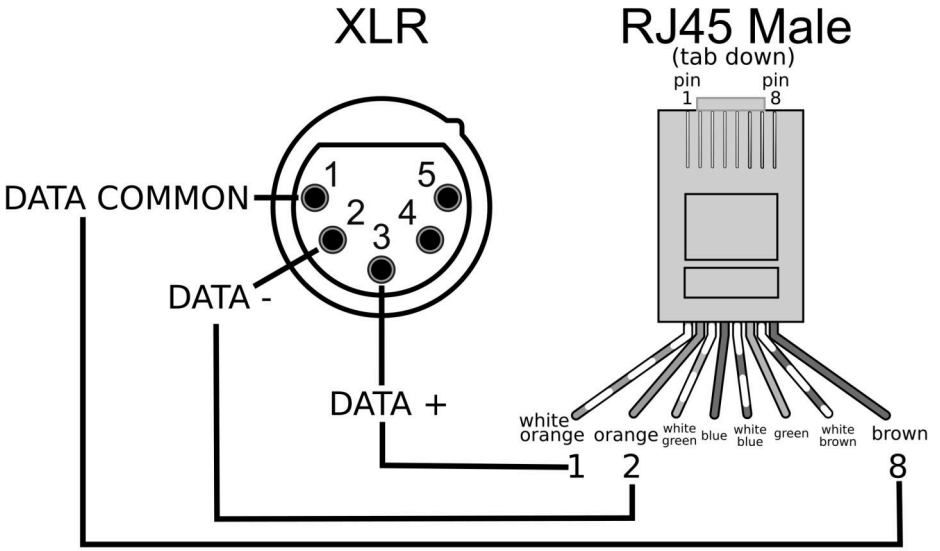
DMX CONFIGURATIONS

All of the examples presented here require all controlled fixtures to be in DMX mode. When connected to a Nila DMX-to-RJ45 adapter cable, set each fixture to DMX Mode by pressing the **Enter Button** and setting its DMX channel as outlined on pages 4 & 5.

DMX 5-PIN XLR to RJ45 CONFIGURATION

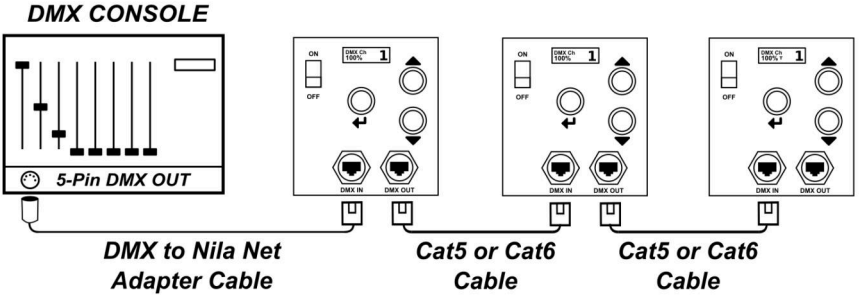
5-pin DMX to RJ45 adapter cables are available from your Nila dealer. You may also make your own adapters.

DMX to RJ45 Adapter Cable
Nila Part Number ND16CBC-4



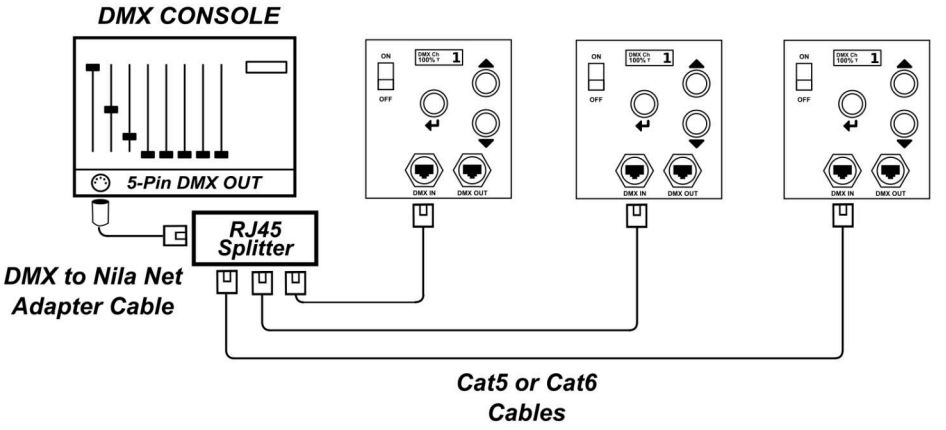
USING A DMX CONTROL CONSOLE (in series)

Nila light fixtures can be controlled by any standard DMX control console. The DMX standard 5-pin XLR output must simply be adapted to the Nila standard RJ45 connector. Nila offers a 5-pin DMX to RJ45 adapter cable that's available from your Nila dealer.



USING A DMX CONTROL CONSOLE (in parallel)

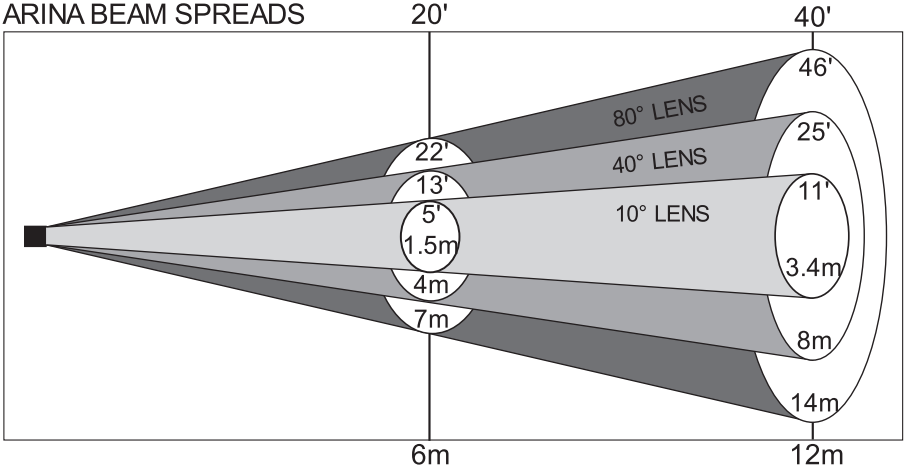
Connect the 5-pin XLR output of the DMX console to a non-powered RJ45 splitter using our DMX to RJ45 adapter cable. Use the splitter to distribute the control signal to each fixture. Each fixture can be assigned its own channel or controlled together on the same channel. When using this arrangement, every fixture will display a "T" on its screen indicating that the control signal terminates at each fixture.



ARINA SPECIFICATIONS

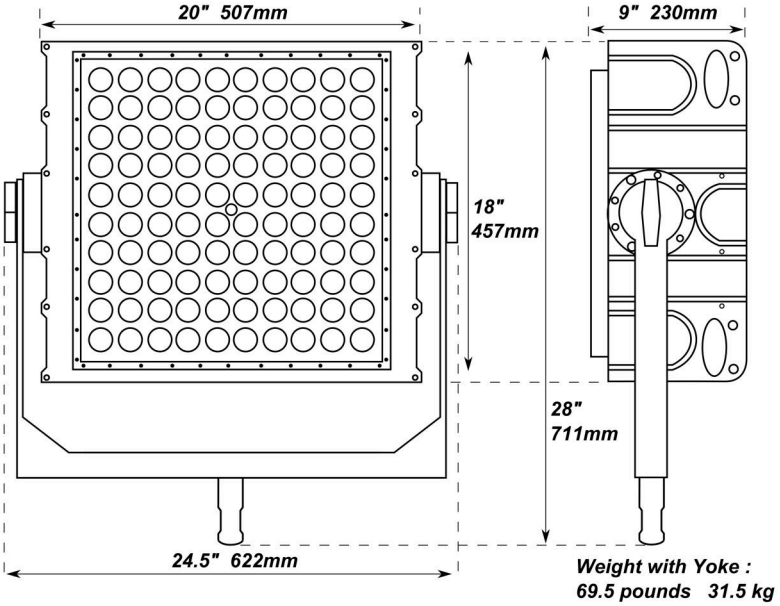
-input voltage: 90-305V AC
-input current: 7A at 115V AC
-system watts: 800
-power factor: >.95 @ 115V AC, >.98 @ 277V AC
-dim range: 0-100% (onboard dimmer)
-compatible shutter speeds: all (flicker-free at any frame rate at 100% output, and up to 5000 fps when dimmed)
-light source: single-color, high-brightness LEDs
-LED rated lifespan: 20,000+ hours
-color temperature: 5600°K (daylight), 3200°K (tungsten)
-UV output: none
-color spectrum: continuous
-CRI: 86 (5600°K), 92 (3200°K)
-TLCI: 84 (5600°K), 87 (3200°K)
-CCT: daylight - 5600°K, tungsten - 3200°K
-beam angle: 10° to 80°
-focus method: holographic film lenses
-control network: DMX512
-control connections: RJ45 (5-pin XLR adapter optional)
-optional Chimera adapter available
-weight: 69.5 lbs. (31.5 kg)
-certifications: ETL & CE
-operating temperature: -22°F to +122°F (-30°C to +50°C)
-housing construction: aluminum
-mounting: yoke (w/junior pin)
-operating position: any
-cooling: passive (no fans)
-power cable: 10' locking IEC
-power connector: NEMA 5-15P (AC)
-country of origin: USA
-warranty period: two years

ARINA BEAM SPREADS



ARINA PHOTOMETRICS (daylight balanced)

Lens	20 Ft (FC)	30 Ft (FC)	40 Ft (FC)	6m (lux)	10m (lux)	15m (lux)
Raw	3000	1400	830	32290	15070	5920
10	1300	600	360	14000	6460	2370
20	550	250	150	5920	2690	1075
40	220	110	64	2365	1185	485
60	140	73	42	1505	785	300
80	97	55	32	1045	590	225
60x10	340	170	97	3660	1830	690



LIGHT SMARTER

723 West Woodbury Rd., Altadena, CA, 91001 626-529-2856 www.nila.com