

ARMOR SERIES | NANO EXTERIOR LINEAR FIXTURES

The NANO Linear is the perfect fixture where minimal space and high output and beam control are needed. With 3 different options for lensing, 6 different options for color temperature and 3 different lengths, the NANO can be tailored for any application. An outdoor IP66 rated fixture, use it to highlight architectural details or navigate small ledges and locations where space is at a premium. Armor Series NANO fixtures come with a three-year warranty.

GEL-FLUSH™ TECHNOLOGY

The NANO is now manufactured with our Gel-Flush™ Technology. This proprietary innovation prevents breaches from any weather-related elements. Acolyte exterior products are guaranteed to never leak, condensate, or be breached by any environmental elements. This results in a clear and unobstructed beam of light from our fixtures. No more water beads changing and/or refracting the specified beam angles!

Applications:

Commercial Museums
Entertainment Public Spaces



IP66

ORDERING GUIDE

| Category | CRI | Wattage | Color Temperature | | FWHM Beam Angle | Mounting Option |
|--------------------------|---------------------|----------------------------------------|-------------------|-------------------|--------------------------|-----------------------------|
| NANO | | | | | | |
| NANO - Armor Nano | 80 - 80+ CRI | 0.2 - 182 mm / 7.2 in. (3 W) | 27 - 2700K | 40 - 4000K | 25X35 - 25° X 35° | SI - Snap-In |
| | 90 - 90+ CRI | 0.5 - 500 mm / 19.7 in. (9 W) | 30 - 3000K | 50 - 5000K | 30 - 30°x30° | TS - Tilttable Stand |
| | | 1.0 - 1000 mm / 39.4 in. (18 W) | 35 - 3500K | 60 - 6000K | 55 - 55°x55° | |

OPTIONAL ACCESSORIES:

1.) Armor Series Mounting Arms:

Small: ARMORMNT0609
Large: ARMORMNT1422

2.) Symmetric Louver:

NANOLOUV182 (182 mm)
NANOLOUV500 (500 mm)
NANOLOUV1000 (1000 mm)

3.) 2 Pin Male to Female Jumper Cable:

NANOJUMPMF1000 (1000 mm)
NANOJUMPMF2000 (2000 mm)

4.) 2 Pin Female Cable to Bare Wire:

NANOCBLFB300 (300 mm)
NANOCBLFB500 (500 mm)
NANOCBLFB1000 (1000 mm)
NANOCBLFB2000 (2000 mm)

DRIVERS:

96 W Non-dimming Driver



Driver Part No.: DRVW2496

0-10V Dimmable Waterproof Drivers



96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P

ELV/MLV Dimmable Drivers



60W Part No.: DRVW2460ELVMLV
96W Part No.: DRVW2496ELVMLV
150W Part No.: DRVW24150ELVMLV
300W Part No.: DRVW24300ELVMLV

AVAILABLE COLOR TEMPERATURES



2700K



3000K



3500K



4000K



5000K



6000K

AVAILABLE BEAM ANGLES



25°x35°



30°x30°



55°x55°

SPECIFICATIONS

| | | | | | | | | | |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|-------------------|---------|---------|--------------------|---------|---------|
| Operating Voltage | 24 V DC | | | | | | | | |
| Length | 7.2 in. / 182 mm | | | 19.7 in. / 500 mm | | | 39.4 in. / 1000 mm | | |
| Power Consumption | 3 W | | | 9 W | | | 18 W | | |
| LEDs per Fixture | 6 LEDs | | | 15 LEDs | | | 30 LEDs | | |
| Amperage | 0.125 A | | | 0.375 A | | | 0.75 A | | |
| Max. Run Length | Up to 14 fixtures | | | Up to 6 fixtures | | | Up to 4 fixtures | | |
| Color Temperature | 2700K, 3000K, 3500k, 4000K, 5000K, 6000K | | | | | | | | |
| LED Beam Angle | 30°x30° | 55°x55° | 25°x35° | 30°x30° | 55°x55° | 25°x35° | 30°x30° | 55°x55° | 25°x35° |
| Lumen Output / Foot | 355 | 359 | 352 | 355 | 359 | 352 | 355 | 359 | 352 |
| Total Lumens | 212 | 214 | 210 | 582.3 | 588.7 | 577.1 | 1164.6 | 1177.4 | 1154.2 |
| Max. Run Length | Up to 14 fixtures | | | Up to 6 fixtures | | | Up to 4 fixtures | | |
| Weight | 0.77 lb / 0.35kg | | | 1.65 lb / 0.75kg | | | 3.3 lb / 1.5kg | | |
| Control System | 0-10V, Dali | | | | | | | | |
| CRI | 80+ or 90+ | | | | | | | | |
| LED Binning (SDCM) | 3-step (80 CRI) or 2-step (90 CRI) | | | | | | | | |
| Dimming Options | 0-10V, DALI | | | | | | | | |
| Binning Tolerance | +/-100K | | | | | | | | |
| Ambient Temperature | -40° F to 122° F (-40° C to 50° C) | | | | | | | | |
| Housing / Lens | Housing: Extruded Aluminium / Lens: Clear UV Protected PMMA Cover: Tempered Glass End Caps: Extruded Aluminium / Brackets: Extruded Aluminium Housing, bracket, end cap material – 6063 high density aluminum alloy | | | | | | | | |
| Connector | 2 pin power connector | | | | | | | | |
| Cable Length | 11.81 in. / 300 mm | | | | | | | | |
| Protection Rating | IP66 | | | | | | | | |
| Impact Rating | IK08 | | | | | | | | |
| Mounting Options | Snap-In Clip, Tilttable Stand (140° adjustable), Mounting Arms (available in 2 different sizes) | | | | | | | | |
| Lamp Life | 50,000 hours | | | | | | | | |
| Certifications | CE, ETL / Luminaires – UL 1598, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 / Luminaires – CSA C22.2 No.250.0-08, 3rd Ed., issued September 17, 2008, Rev. October 17, 2012 (R2013) | | | | | | | | |
| Fixture Color Finish | Anodized Silver | | | | | | | | |

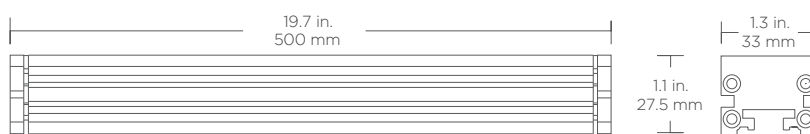
* ALL LUMEN DATA IS FROM 2700K 80 CRI FIXTURES

DIMENSIONS

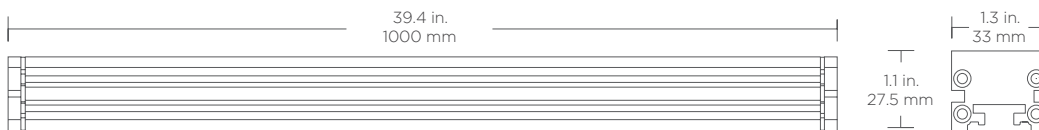
7.2 in. / 182 mm:



19.7 in. / 500 mm:



39.4 in. / 1000 mm:

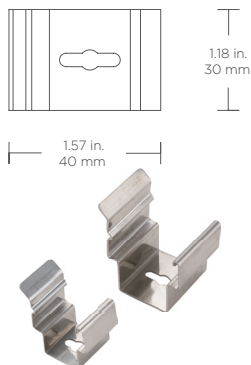
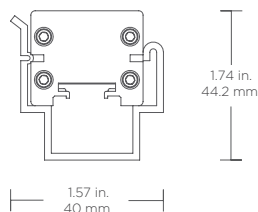


MOUNTING HARDWARE / ACCESSORIES

MOUNTING HARDWARE

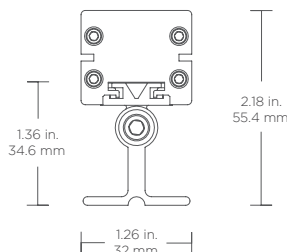
Snap-in Clip

For narrow installations where mounting clips need to be installed first

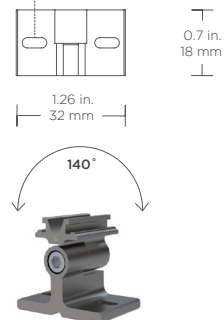


Tilttable Stand

For adjustable mounting angles

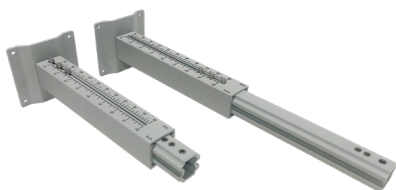


R 0.09 in. (2.29 mm) Thru



Mounting Arms

Small Mounting Arm Part Number: ARMORMNT0609
Large Mounting Arm Part Number: ARMORMNT1422

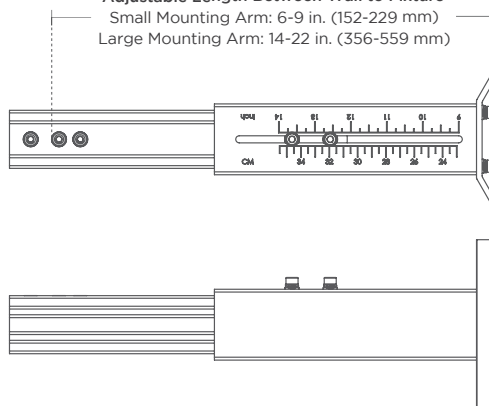


Armor Series Mounting Arm

Adjustable mounts (in 3 sizes) help set desired angle and distance from lighting surface

Adjustable Length Between Wall to Fixture

Small Mounting Arm: 6-9 in. (152-229 mm)
Large Mounting Arm: 14-22 in. (356-559 mm)



Max Mounting Arm Length

Small Mounting Arm: 10 in. (254 mm)
Large Mounting Arm: 23 in. (585 mm)

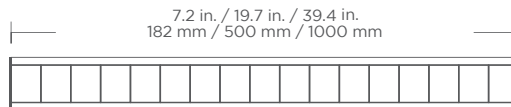
ACCESSORIES

Louver

Part Number: NANOLOUV

For glare reduction
Note: This will affect beam angle

NANOLOUV182 (182 mm)
NANOLOUV500 (500 mm)
NANOLOUV1000 (1000 mm)



Side View

Not recommended for exterior applications

2 Pin Female Cable To Bare Wire

Part Number: NANOCLFB

To bare wire for incoming power

NANOCLFB300 (300 mm)
NANOCLFB500 (500 mm)
NANOCLFB1000 (1000 mm)
NANOCLFB2000 (2000 mm)



2 Pin Male To Female Jumper Cable

Part Number: NANOJUMPMF

To connect 2 pin male connector to 2 pin female connector

NANOJUMPMF1000 (1000 mm)
NANOJUMPMF2000 (2000 mm)



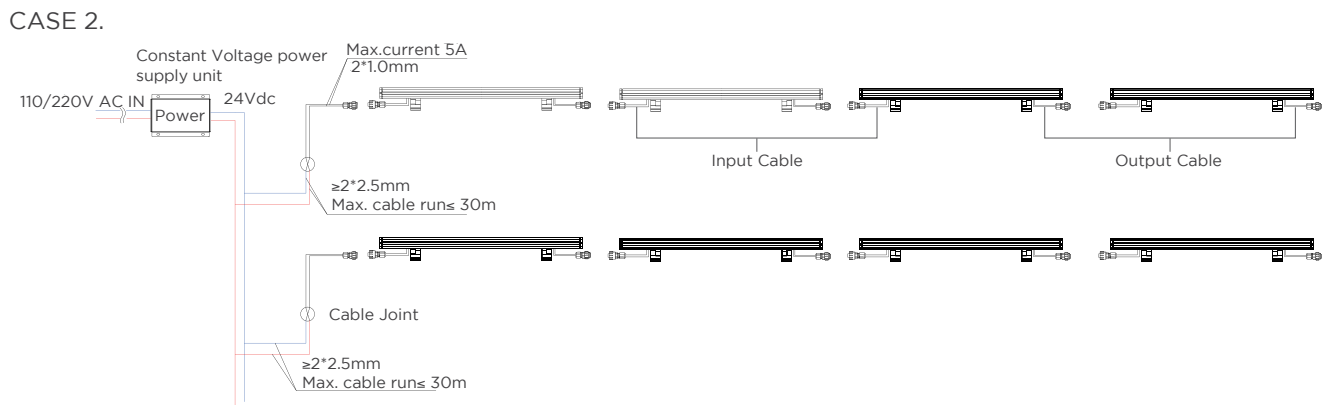
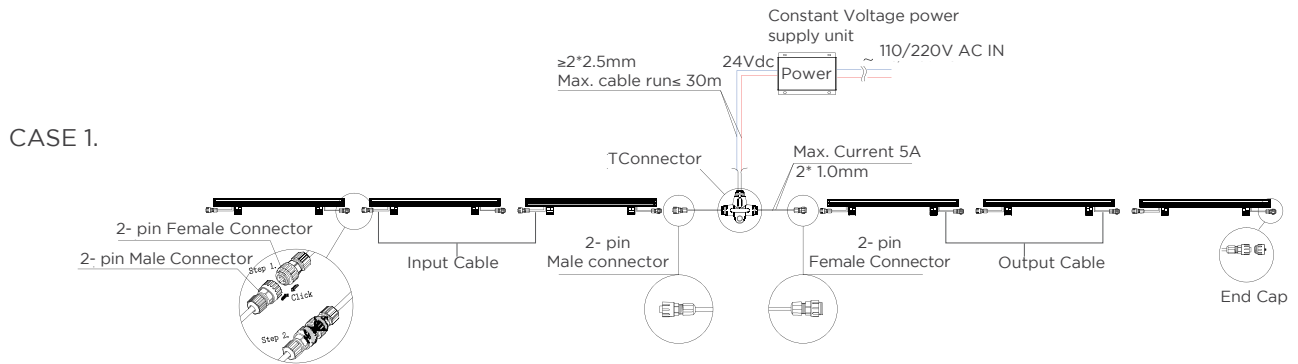
INCLUDED IN BOX



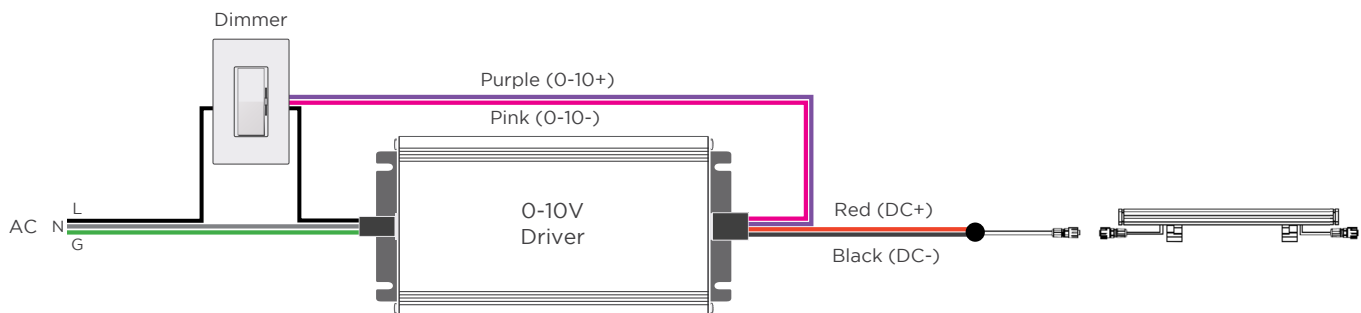
Fixture with 19.7 in. / 500mm input/output cables
+ 2 pin connectors

WIRING DIAGRAMS

NON-DIMMING:

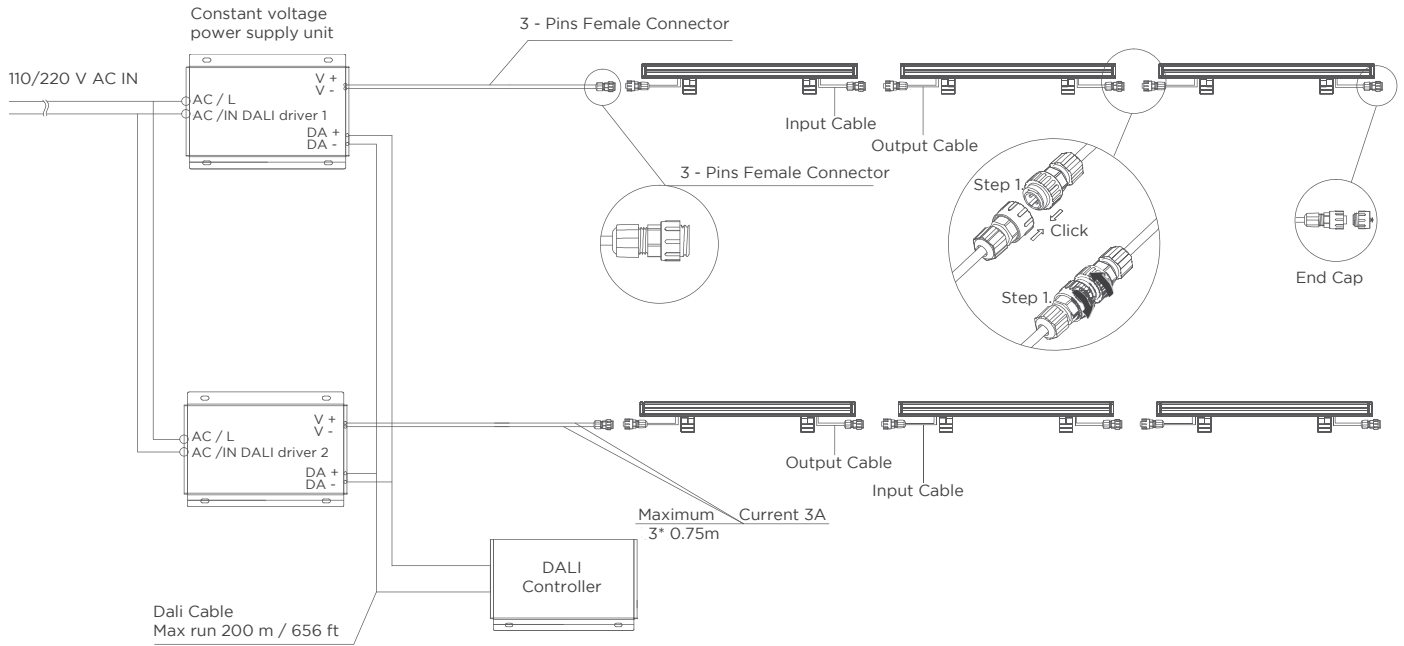


0-10V DIMMING:



CONNECTION

DALI DIMMING:



CONNECTORS:

