

# NorthLux™ T5 LED Linear Light Fixture

PN 4026

NorthLux™ T5 LED linear light fixtures are integrated light fixtures that operate from any standard AC 120 - 277 volt power outlet. No need to worry about fixture compatibility, ballasts, drivers or anything else. LED emitters are integrated into the fixture so separate lamps are not needed - simply plug the lamp in and you'll be up and running in seconds!

As part of the NorthLux™ line of lighting products, these lighting fixtures provide daylight-calibrated, full spectrum quality light for art studios and workspaces in a sleek and professional fixture style.

Included are accessories for mounting via magnets or screws, allowing for installation in a wide variety of locations such as trusses, crossbeams, rafters or old fixtures for general area lighting, or under wall-cabinets or inside workstation fixtures for task-oriented and localized lighting.

## PRODUCT FEATURES

- Available in both 5000K or 6500K
- 95+ CRI and R9 > 90
- Fixture includes integrated LED emitters; separate lamps not needed
- Available in 2-ft (9 watt / 900 lumens) and 4-ft (18 watt / 1800 lumens) configurations
- Mount onto virtually any surface using included screws or magnets
- Daisy-chain multiple fixtures together using included cord
- For indoor use only



MECHANICAL DIMENSIONS

## ELECTRICAL SPECIFICATIONS

<b>Input type:</b>	US Wall-outlet / C8 plug
<b>Input voltage:</b>	120-277V AC, 50/60Hz
<b>Power draw (2/4 ft):</b>	9 / 18 watts
<b>Current draw (2/4 ft):</b>	85 / 175 mA
<b>Power factor:</b>	0.9+
<b>Max daisy-chain:</b>	25 fixtures

## MECHANICAL SPECIFICATIONS

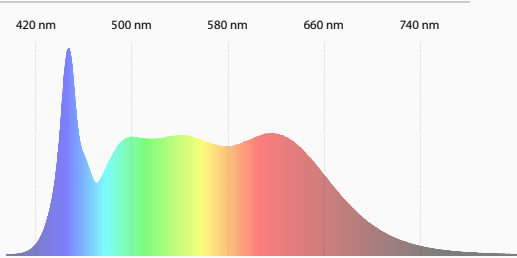
<b>Length (2/4 ft):</b>	19.7 / 43.3 in (500 / 1100 mm)
<b>Width:</b>	0.79 in (20 mm)
<b>Height:</b>	1.4 in (36 mm)
<b>Weight (2/4 ft):</b>	0.23 / 0.46 lbs (0.105 / 0.210 kg)
<b>Power cord length*:</b>	11.8 in (300 mm)
<b>Daisy-chain cord length:</b>	11.8 in (300 mm)

\*Power cord is two-prong US-style plug to C8 male plug, and daisy-chain cord is C8 male to C8 female. Both can be substituted with third-party equivalent power cords.

## How many fixtures do I need?

For visual arts and studio applications, we recommend an illuminance level of 80 footcandles (800 lux). To achieve this level of illuminance, you will need approximately one 2-ft light fixture for every 10 square feet of space. To illuminate a 1000 square foot studio, for example, you will want to install 20 feet worth of light fixtures. [See our lumen estimation calculator for details.](#)

## 5000K SPECTRUM



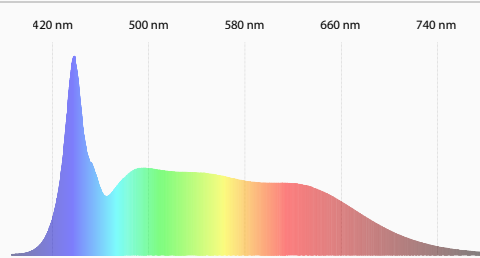
## PHOTOMETRIC SPECIFICATIONS

<b>Light output (2/4 ft):</b>	900 / 1800 lumens
<b>5000K CCT:</b>	5000K ± 150K
<b>6500K CCT:</b>	6500K ± 250K
<b>5000K Duv:</b>	0.0015 ± 0.0015
<b>6500K Duv:</b>	0.0025 ± 0.0015
<b>5000K CIE xy:</b>	(0.3455, 0.3548)
<b>6500K CIE xy:</b>	(0.3134, 0.3283)
<b>Beam angle:</b>	200°
<b>CRI Ra:</b>	95+
<b>CRI R9:</b>	90+
<b>CRI R13:</b>	90+
<b>TM-30-15 Rf/ Rg:</b>	90+/100

## Should I choose 5000K or 6500K?

5000K is a neutral, bright white light that best approximates noon sunshine. 6500K has a slightly blue hue that best approximates north sky. Most customers find that the 5000K is ideal; some customers with north-facing windows in their studio may prefer the 6500K to ensure a consistent match between their light fixtures and the natural light. [See our article for more insights.](#)

## 6500K SPECTRUM



## EXTENDED CRI VALUES (TYPICAL)

R1	99
R2	99
R3	98
R4	100
R5	99
R6	97
R7	99
R8	99
R9	99
R10	98
R11	97
R12	80
R13	99
R14	99
R15	98

## Where and how do I install these light fixtures?

These light fixtures can be installed onto virtually any surface using the included screw or magnet mounts. Each fixture contains two mounts, which can be positioned at any two points along the fixture length. Multiple fixtures can be joined together, with or without the included daisy-chain cord. 2-ft and 4-ft versions can be mixed and matched as well.

## PRODUCT LIMITATIONS

- NOT DIMMABLE** - this light fixture is not compatible with wall-dimmers. Do not connect the product to any circuit that is connected to a dimmer circuit, as this may lead to undesirable lighting effects such as flickering or flashing, premature failure, or fire and electrical shock risk.
- DRY LOCATION ONLY** - this fixture is for dry location use only, and should not be exposed directly to water or moisture. It should not be used outdoors, or in damp locations where ambient moisture is present such as bathrooms and covered outdoor areas.

## FLICKER METRICS

<b>Flicker (%):</b>	<2%
<b>Flicker index:</b>	<0.02
<b>Flicker frequency:</b>	120 Hz

For reference, incandescent bulbs typically exhibit 12% flicker, a flicker index value of 0.03, and a flicker frequency of 120 Hz.

## LIFETIME INFORMATION

<b>Warranty period:</b>	36 months (3 years)
<b>Lifetime (L90):</b>	25,000 hours

## PART NUMBERS AND ORDERING

<b>2-ft   5000K</b>	4026.2F.50
<b>2-ft   6500K</b>	4026.2F.65
<b>4-ft   5000K</b>	4026.4F.50
<b>4-ft   6500K</b>	4026.4F.65

## CERTIFICATIONS

**CONFORMS TO UL STD. 153**  
**CERTIFIED TO CSA STD. C22.2 No. 250.4**  
**CAUTION: RISK OF ELECTRICAL SHOCK OR FIRE. USE ONLY ON 15 AMP MAXIMUM BRANCH CIRCUIT.**