

NorthLux™ LED Shop Light Fixture

PN 4025.50 | 4025.65

Waveform Lighting's NorthLux™ LED Shop Light Fixtures provide daylight-calibrated, full spectrum quality light for art studios and workspaces in a sleek and professional fixture style.

Each fixture is 4 feet long with its integrated LEDs emitting 4200 lumens of light output, allowing it to provide studio-level illuminance across more than 50 square feet.

Each fixture includes a pair of hook-chains that allow it to be hung from a range of ceiling surfaces. A pull-chain switch allows for easy on/off control.

With a 95 CRI rating, these full-spectrum light fixtures are offered in 5000K and 6500K to replicate natural, north-facing light and are an excellent way to quickly and easily upgrade lighting in an art studio or indoor workshop.

PRODUCT FEATURES

- Available in both 5000K or 6500K
- 95+ CRI and R9 > 90
- Fixture includes integrated LED emitters; separate lamps not needed
- 4200 lumens (2x 32 watt fluorescent fixture equivalent)
- Hang from ceiling beams or trusses using including hanging chains and hooks
- Daisy-chain multiple fixtures together using included cord
- For indoor use only

ELECTRICAL SPECIFICATIONS

Input type:	AC line voltage
Input voltage:	120V AC, 50-60 Hz
Power consumption:	42 watts
Current draw:	390 mA
Power factor:	0.9+
Max daisy-chain:	8 fixtures

MECHANICAL SPECIFICATIONS

Length:	46.5 in (1182 mm)
Width:	4.2 in (106 mm)
Height:	1.7 in (43 mm)
Weight:	3.2 lbs (1.5 kg)
Power cord length:	60 in (1520 mm)
Hanging chain length:	11.8 in (300 mm)
Distance between chains:	33.1 in (840 mm)

How many fixtures do I need?

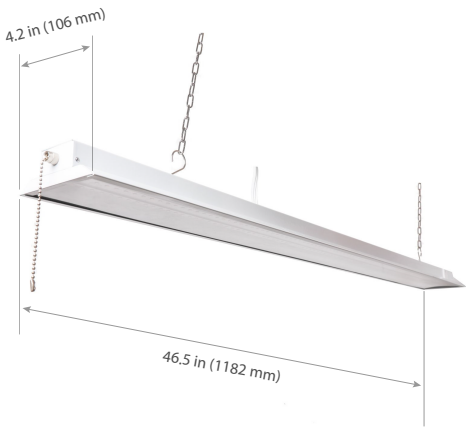
For visual arts and studio applications, we recommend an illuminance level of 80 footcandles (800 lux). To achieve this level of illuminance, you will need approximately one shop light fixture for every 50 square feet of space. To illuminate a 1000 square foot studio, for example, you will want to install twenty of these shop light fixtures. [See our lumen estimation calculator for details.](#)

PHOTOMETRIC SPECIFICATIONS

Light output:	4200 lumens
5000K CCT:	5000K ± 150K
6500K CCT:	6500K ± 250K
5000K Duv:	0.0015 ± 0.0015
6500K Duv:	0.0025 ± 0.0015
5000K CIE xy:	(0.3455, 0.3548)
6500K CIE xy:	(0.3134, 0.3283)
Beam angle:	120°
CRI Ra:	95+
CRI R9:	90+
CRI R13:	90+
TM-30-15 Rf/ Rg:	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.](#)



MECHANICAL DIMENSIONS

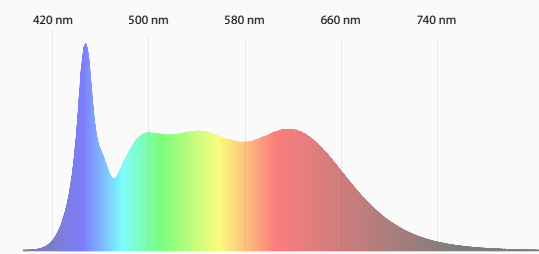
EXTENDED CRI VALUES (TYPICAL)

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

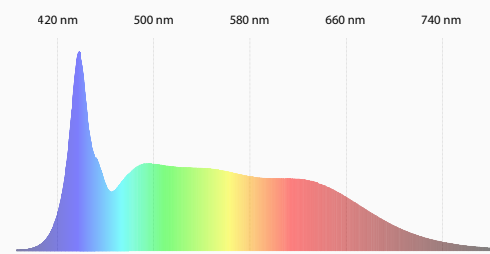
Where and how do I install these light fixtures?

These shop light fixtures are designed to be hung from ceilings and above work areas using the included hanging chains and hooks. Each fixture includes a 5-ft power cord that plugs directly into 3-prong wall outlets. Each fixture also includes a power outlet so that up to 8 fixtures can be linked together from a single power outlet.

5000K SPECTRUM



6500K SPECTRUM



PRODUCT LIMITATIONS

- NOT DIMMABLE** - this lamp is not compatible with wall-dimmers. Do not install this product in any lamp or fixture 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 lamp 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

Flicker (%):	<2%
Flicker index:	<0.02
Flicker frequency:	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

Warranty period:	36 months (3 years)
Lifetime (L90):	25,000 hours

PART NUMBERS AND ORDERING

5000K:	4025.50
6000K:	4025.65

CERTIFICATIONS

CE **RoHS** **UL** **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.