



5020 LED

The 5020 LED is available in two sizes with a variety of other options to choose from. This versatile light bar is great for general lighting applications such as bathrooms, stairwells, closets, mechanical rooms, and more. High/low bi-level dimming and integral battery backup options available. Wall or ceiling mount.

STRIP

STANDARD SPECIFICATIONS

HOUSING

Cold rolled steel, die-formed and assembled with hardware and welds, and can be mounted horizontally or vertically. The end caps are die-formed and secure the diffuser to the housing with nuts.

DIFFUSER

Translucent UV stabilized white acrylic. The extruded diffuser slips into a designed track to ensure it stays in position, and the material can withstand minor impact without breaking.

LED PERFORMANCE - 3500K STANDARD

120-277V - 3500K, 90+ CRI - L80 rating - 60,000 hrs - L70 rating (projected) - 100,000 hrs
Amperage rated @ 110V input
Operating ambient temperature: -20°C / -4°F - 40°C / 104°F

Standard 3500K delivered lumens noted (White Acrylic diffuser).

Consult Brownlee.com for performance of all CCTs.

2' Low: H16 - 16W nominal, .14 A input - 1400 lm. Dimmable (0-10V). One LED Strip.

2' Med: H21 - 21W nominal, .18 A input - 1625 lm. Dimmable (0-10V). One LED Strip.

2' High: H24 - 24W nominal, .2 A input - 2030 lm. Dimmable (0-10V). Two LED Strips.

4' Low: H32 - 32W nominal, .26 A input - 2755 lm. Dimmable (0-10V). One LED Strip.

4' Med: H41 - 41W nominal, .35 A input - 3100 lm. Dimmable (0-10V). One LED Strip.

4' High: H48 - 48W nominal, .40 A input - 4065 lm. Dimmable (0-10V). Two LED Strips.

**3' size has been discontinued - contact factory if needed. MOQ may apply.*

MOUNTING

Fixture uses wall anchors (by others) appropriate for the mounting surface. Wall or ceiling.
Indoor only.

FINISH

White housing and end caps.

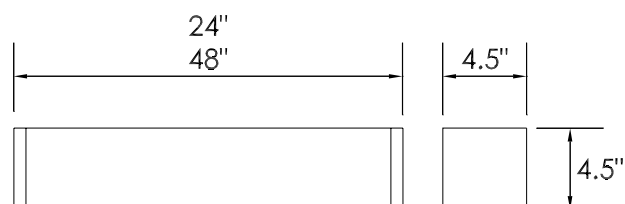
WARRANTY

5 year limited warranty on this LED product. Consult factory for details.

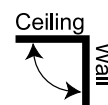
PROJECT:

MODEL #:

FIXTURE TYPE:



DAMP



RoHS
COMPLIANT
ELECTRONICS



ORDERING INFORMATION

5020

Model

2.

3.

4.

5.

6.

7. (if required)

2. SIZE

24 L: 24"

48 L: 48"

**36" size has been discontinued - contact factory if needed. MOQ may apply.*

3. END CAPS

WH White

**Chrome end caps have been discontinued. Powder coated nickel end caps available as special order. Option code NT.*

4. WATTAGE

24 SIZE

H16 16W H Series LED (Low - 1 LED Strip)

H21 21W H Series LED (Med - 1 LED Strip)

H24 19W H Series LED (High - 2 LED Strips)

48 SIZE

H32 32W H Series LED (Low - 1 LED Strip)

H41 41W H Series LED (Med - 1 LED Strip)

H48 39W H Series LED (High - 2 LED Strips)

5. DIFFUSER

WHA White Acrylic

6. COLOR TEMPERATURE

35K 3500K standard color temperature

30K 3000K color temperature

40K 4000K color temperature

7. AVAILABLE OPTIONS

BAC¹ Buy American Compliant (BAA)

BBI^{2*} Integral Battery Backup (8W)

Battery must be connected to continuous power supply within 7 Mo. of shipping. See Warranty Note 3.

BLD^{3**} Bi-Level Dimming

DTR⁴ Triac (Line Voltage) Dimming (120V)

FCL⁷ French Canadian Labels

OCC⁸ Occupancy Sensor

PCH¹⁰ Pull Chain: On, Off (120V)

T24⁹ Title 24 JA8 Compliant (H16 & H32 only)

Universal Footnotes (only applies if superscript is shown in Options section): (0) 90R - All LEDs/CCTs are being transitioned to 90 CRI standard over 2025. Inquire for this model's availability. (1) BAC/BAB - www.brownlee.com/resources/usa. (2) BBI/BBC - cannot combine with ECW or EXT. (3) BLD - integral microwave motion sensor (step-dim). Cannot combine with DTR. (4) DTR - cannot combine with BLD. (5) ECW - cannot combine with BBI, BBC, or DTR. (7) FCL - cannot combine with BAC. (8) OCC - integral microwave motion sensor (ON/OFF). (9) T24 - includes JA8 labeling and 90 CRI LEDs. (10) PCH/PC4 - cannot combine with BLD or OCC.

Add'l Notes: *BBI/BBC - BBI minimum operating temp: 10C/50F unless otherwise stated. BBC minimum operating temp: -20C/-4F.

**BLD - integral microwave motion sensor with step-dim control. 1: Motion is detected, illuminate to 100%.

2: Motion no longer detected, dim to set level. 3: Remain in continuous dimmed state or turn off after set period. Config. via onboard dip switches.

Specifications subject to change without notice.