T-BAR QUADRO™

by JLC • tech
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T-BAR QUADRO introduces a new shape offering to complement the T-BAR LED product line. Providing designers a tool to create additional lighting layout options including: concentric square within squares, checkered patterns throughout a space, or a complement to a geometric design.

The T-BAR QUADRO is a kit comprised of standard T-BAR LED luminaires to create a 2x2 square of light by utilizing JLC-Tech’s patented technology. Available in several offerings of T-BAR LED optics, as well as both 15/16” and 9/16” grid systems, the T-BAR QUADRO has maximum flexibility to complement any space.

JLC-Tech is a pioneer in LED lighting, revolutionizing and challenging the status quo on how we illuminate our spaces.
How the T-BAR QUADRO™ works:
Complete squares of light can be created in a suspended grid ceiling using the T-BAR QUADRO by utilizing JLC-Tech’s patented technology of replacing the cross tees with a building-integrated light fixture. Two specially designed 4’ T-BAR LED lights with 2’ of light at their center, clip into the main runners of the suspended ceiling system. Two 2’ lights with specially designed mounting system clip into the 4’ members, completing the square of light.

* The T-BAR QUADRO cannot replace main runners.
T-BAR QUADRO Diffusing Lens | Order Specification Guide

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Type of LED/K Color</th>
<th>Size</th>
<th>Grid Type</th>
<th>Optic</th>
<th>Mounting Clips</th>
<th>Color</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBQD = T-BAR QUADRO</td>
<td>HW = Warm White 3000K</td>
<td>24 = 2 x 2 ft</td>
<td>D = Diffusing Lens</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MW = Medium Warm 3500K</td>
<td>15 = 9/16”</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MN = Medium Neutral 4000K</td>
<td>15B = 9/16” Bolt Slot</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>HN = Neutral White 4500K</td>
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</tbody>
</table>

CRI = >82  L80 > 60K hrs  IP40

**LIGHT OUTPUT:**
15/16” = 4672 lm  75lm/W
9/16” = 3560 lm  54 lm/W

**NOTES:**
T-BAR QUADRO kits are designed to provide a 2x2 square of light by replacing cross tees in a suspended ceiling. Kit includes Class 2 remote power supply with integrated JB compartment for 120 - 277V AC input direct wiring with metal conduit. Max distance from power supply to fixtures is 30 feet with 18 AWG wire. Longer distance achievable if using higher gauge wire. Please refer to the T-BAR LED power supply documentation for more detailed information. EM option includes remote driver pre-wired with battery backup. Refer to T-BAR LED EM Battery Kit documentation for more detailed information.

**APPLICATIONS:**
Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

**MOUNTING:**
Universal mounting brackets are for easy installation to standard 15/16” or 9/16” T-Bars of most manufacturers’ ceiling suspension systems. Armstrong compatible mounting clips for installation with Armstrong Ceiling 15/16” Prelude® and Clean Room™, 9/16” Suprafine®, Silhouette®, Sonata® and Interlude® suspension systems.

**MATERIALS:**
Anodized and painted aluminum extruded body, steel mounting clips, white PC end caps, high transmitting acrylic PMMA lens.

**ELECTRIC:**
120-277VAC input remote power supply included. High output LEDs consume 64W per kit (power supply consumption not included). Class 2 plenum rated cables at each end of fixture equipped with quick connectors for connection to 24VDC power supply output and to allow the kit to be easily connected together. Use solid copper wire or wire ferrules to fit into quick connectors.

**WARRANTY:**
5 years

**LISTINGS:**
ETL/cETLus CE RoHS. Indoor use only.

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Length Dimensions

24

<table>
<thead>
<tr>
<th>Length Dimensions</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>24.0”</td>
<td>2.0”</td>
</tr>
<tr>
<td></td>
<td>24.9”</td>
<td>.59”</td>
</tr>
<tr>
<td>48.0”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

15/15B

<table>
<thead>
<tr>
<th>Length Dimensions</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/15B</td>
<td>24.0”</td>
<td>2.0”</td>
</tr>
<tr>
<td></td>
<td>24.6”</td>
<td>.59”</td>
</tr>
<tr>
<td>48.0”</td>
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</tr>
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*For remote power supply dimension, refer to our standard T-BAR LED 96W driver specification sheet.*
T-BAR QUADRO Block Diffusing Lenses | Order Specification Guide

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Type of LED/K Color</th>
<th>Size</th>
<th>Grid Type</th>
<th>Optic</th>
<th>Mounting Clips</th>
<th>Color</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBQD = T-BAR QUADRO</td>
<td>HW = Warm White 3000K</td>
<td>2Q = 2 x 2 ft</td>
<td>24 = 15/16”</td>
<td>B = Block Clear Diffusing Lens</td>
<td>U = Universal</td>
<td>W = White</td>
<td>UNV = Universal 120–277V</td>
</tr>
<tr>
<td></td>
<td>MW = Medium Warm 3500K</td>
<td>6Q = 60 x 60 cm</td>
<td>15 = 9/16”</td>
<td>B2 = Block Frosted Diffusing Lens</td>
<td>A = Armstrong</td>
<td>C = Custom</td>
<td>UNVEM = Universal 120–277V with battery backup</td>
</tr>
<tr>
<td></td>
<td>MN = Medium Neutral 4000K</td>
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<td>15B = 9/16” Bolt Slot</td>
<td></td>
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CRI = >82  
L_80 > 60K hrs  
IP40

**LIGHT OUTPUT (Block Clear):**

- **15/16”**
  - 4512 lm
  - 72lm/W

- **9/16”**
  - 3504 lm
  - 56lm/W

**NOTES:**

T-BAR QUADRO kits are designed to provide a 2x2 square of light by replacing cross tees in a suspended ceiling. Kit includes Class 2 remote power supply with integrated JB compartment for 120 - 277V AC input direct wiring with metal conduit. Max distance from power supply to fixtures is 30 feet with 18 AWG wire. Longer distance achievable if using higher gauge wire. Please refer to the T-BAR LED power supply documentation for more detailed information. EM option includes remote driver pre-wired with battery backup. Refer to T-BAR LED EM Battery Kit documentation for more detailed information.

**APPLICATIONS:**

Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

**MOUNTING:**

Universal mounting brackets are for easy installation to standard 15/16” or 9/16” T-Bars of most manufacturers’ ceiling suspension systems. Armstrong compatible mounting clips for installation with Armstrong Ceiling 15/16” Prelude®, Clean Room™, 9/16” Suprafine®, Silhouette®, Sonata® and Interlude® suspension systems.

**MATERIALS:**

Anodized and painted aluminum extruded body, steel mounting clips, white PC end caps, high transmitting acrylic PMMA lens.

**ELECTRIC:**

120–277VAC input remote power supply included. High output LEDs consume 64W per kit (power supply consumption not included). Class 2 plenum rated cables at each end of fixture equipped with quick connectors for connection to 24VDC power supply output and to allow the kit to be easily connected together. Use solid copper wire or wire ferrules to fit into quick connectors.

**WARRANTY:**

5 years

**LISTINGS:**

ETL/cETLus CE RoHS. Indoor use only.

www.jlc-tech.com/patents

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**Length Dimensions**

- **24**
  - 24.0”
  - 24.9”
  - 3.0”
  - 1.6”
  - 48.0”
  - 24.0”
  - 47.0”

- **15/15B**
  - 24.0”
  - 24.7”
  - 2.7”
  - 1.3”
  - 48.0”
  - 24.7”
  - 47.4”

*For remote power supply dimension, refer to our standard T-BAR LED 96W driver specification sheet.*
**T-BAR QUADRO Multi-Reflector | Order Specification Guide**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Type of LED/K Color</th>
<th>Size</th>
<th>Grid Type</th>
<th>Optic</th>
<th>Mounting Clips</th>
<th>Color</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBQD = T-BAR QUADRO</td>
<td>HW = Warm White 3000K</td>
<td>2Q</td>
<td>15/16&quot;</td>
<td>C2 = Multi-Reflector</td>
<td>U = Universal</td>
<td>W = White</td>
<td>UNV = Universal</td>
</tr>
<tr>
<td></td>
<td>MW = Medium Warm 3500K</td>
<td>6Q</td>
<td>9/16&quot;</td>
<td>C2WH = White Multi-Reflector</td>
<td>A = Armstrong</td>
<td>C = Custom</td>
<td>120–277V</td>
</tr>
<tr>
<td></td>
<td>MN = Medium Neutral 4000K</td>
<td>24</td>
<td>9/16&quot;</td>
<td>C2BL = Black Multi-Reflector</td>
<td></td>
<td></td>
<td>UNVEM = Universal 120–277V with battery backup</td>
</tr>
<tr>
<td></td>
<td>HN = Neutral White 4500K</td>
<td>15B</td>
<td>Bolt Slot</td>
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**Length Dimensions**

24

- 24.0"
- 24.9"
- 48.0"
- 47.0"

15/16"

- 24.0"
- 24.6"
- 48.0"
- 47.4"

15/16" Multi-Reflector

9/16" Multi-Reflector

**NOTES:**

T-BAR QUADRO kits are designed to provide a 2x2 square of light by replacing cross tees in a suspended ceiling. Kit includes Class 2 remote power supply with integrated JB compartment for 120 - 277V AC input direct wiring with metal conduit. Max distance from power supply to fixtures is 30 feet with 18 AWG wire. Longer distance achievable if using higher gauge wire. Please refer to the T-BAR LED power supply documentation for more detailed information. EM option includes remote driver pre-wired with battery backup. Refer to T-BAR LED EM Battery Kit documentation for more detailed information.

**APPLICATIONS:**

Executive, Medical, Health, Educational, Retail, Hotels, Airport, Hospitality and any open space areas that require a unique and elegant architectural lighting design.

**MOUNTING:**

Universal mounting brackets are for easy installation to standard 15/16" or 9/16" T-Bars of most manufacturers’ ceiling suspension systems. Armstrong compatible mounting clips for installation with Armstrong Ceiling 15/16" Prelude® and Clean Room™, 9/16" Suprafine®, Silhouette®, Sonata® and Interlude® suspension systems.

**MATERIALS:**

Anodized and painted aluminum extruded body, steel mounting clips, white PC end caps, high reflectance 98% aluminum coated or white or black PC reflectors on each LED for a dark light effect.

**ELECTRIC:**

120-277VAC input remote power supply included. High output LEDs consume 64W per kit (power supply consumption not included). Class 2 plenum rated cables at each end of fixture equipped with quick connectors for connection to 24VDC power supply output and to allow the kit to be easily connected together. Use solid copper wire or wire ferrules to fit into quick connectors.

**WARRANTY:**

5 years

**LISTINGS:**

ETL/cETLus CE RoHS. Indoor use only.

**CRI = >82**

**L_{80} > 60K hrs**

**IP20**

**LIGHT OUTPUT: (C2 Optic)** metalized finish

- **15/16"** – 6272 lm
- **9/16"** – 6152 lm

**100lm/W**

**6152 lm**

**98 lm/W**
JLC-Tech was founded with one singular vision: to create unique and useful LED lighting fixtures.

Improve room acoustics, achieve even-illumination, reduce installation costs and minimize construction waste by using JLC-Tech's products, the only lighting fixtures that replace the cross tee in the suspended ceiling system.