

**JUNO**<sup>®</sup>**TRAC-MASTER**<sup>®</sup>

Avant Garde

**27W CONIX<sup>®</sup> II LED****T263L**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

**PRODUCT DESCRIPTION**

The sleek sculpted aesthetic of the Conix II LED fixtures is unparalleled in the industry. Their elegance is carried through the entire design for a fresh, contemporary appeal. The 27W Conix II LED fixtures have integral reflectors which enable uniform spot, flood or narrow flood distributions to be achieved. These lampholders have an integral, bayonet-mounted accessory holder that accommodates up to two accessories if desired in place of the clear glass lens provided. The 27W Conix II LED can deliver up to 2000 lumens, utilizing less than 1/3 of the energy of halogen equivalents and having a rated life of 50,000 hours. Available in 2700K, 3000K, 3500K and 4000K color temperatures, the white-light 27W Conix II LED is compatible with all Juno line voltage trac and standard adapter accessories.

**PRODUCT SPECIFICATIONS**

**Construction** All-metal housing and custom designed concealed heat sink provides outstanding thermal management, yielding 70% average lumen maintenance at 50,000 hours of operation • Passively-cooled design – no moving parts to break or wear-out • Extruded aluminum vertically mounted LED driver housing • Concealed fixture wiring for a clean aesthetic • Fashionable, elegant design complements any decor • Available in white, black and silver painted finishes.

**LED** High performance LED array provides outstanding reliability, performance and color quality/consistency • 2700K, 3000K, 3500K or 4000K white phosphor high performance LEDs • Chromaticity range within a 3-step MacAdam Ellipse • 80 CRI minimum on standard product • Optional high CRI versions offer 90 CRI minimum.

**Driver** Assembled in a side-mount vertical housing to minimize overall fixture footprint • Insulating air gap between driver and LED light engine optimizes thermal operation • Provides quiet operation with or without dimming • 120V fixtures are dimmable using high quality reverse phase ELV dimmers approved by Juno – see [T263LG2-DIM](#) • Solid state electronic, Class 2 compliant • Integral overcurrent and short circuit protection • Class B FCC Part 15 rated.

**Reflector** Precision designed custom reflector provides either spot, narrow flood or flood beam distributions • Faceted/dimpled reflector ensures a properly color-mixed beam • Accessory reflectors available to convert from one beam distribution to another in the field.

**Juno Universal Trac Adapter** Universally compatible with both Trac-Master 1-circuit or 2-circuit trac, Trac-Lites trac, monopoints and special mountings • Also UL Recognized for use on ConTech<sup>®</sup> LT Series track • Copper alloy contacts provide precise spring action – no arcing and will not take a set • True, positive electrical ground • On /off switch included • Patented embossed polarity arrows on bottom of adapter • Spring-loaded positive latch with embossed polarity arrows secures trac light to trac • Two-position power contact provided for two-circuit application.

**Alternate TEK/HTEK Trac Adapter** Compatible with either Juno TEK or HTEK trac systems • System specific and assembled to trac fixture • Integrally polarized construction to prevent reverse installation – only allows insertion in proper orientation • Rotary circuit selector enables simple switching between circuits • Integral on/off switch enables individual fixtures to be switched for servicing.

**Alternate GTYPE Trac Adapter** Compatible with track systems based on GES type track, including Lithonia LT Commercial Track (not LTS type) • System specific and assembled to trac fixture • Consult factory for additional information.

**Alternate HTYPE Trac Adapter** Compatible with track systems which use a H-type track adapter, including Lithonia LTS Decorative Track (not LT type) • System specific and assembled to trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Alternate LTYPE Trac Adapter** Compatible with track systems which use a L-type track adapter • System specific and assembled to trac fixture • Two-position power contact provided for two-circuit application • Consult factory for additional information.

**Accessory Holder** Integral to fixture design • Die cast aluminum construction • Precision bayonet mounting • Accommodates up to two accessories if desired.

**Aiming** 360° horizontal coverage • Greater than 90° vertical aiming capability.

**Labels** UL and cUL Listed • ENERGY STAR<sup>®</sup> certified • DesignLights Consortium<sup>®</sup> Qualified • Union made • Assembled in U.S.A.

**Warranty** 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx). Specifications subject to change without notice.

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**27W CONIX® II LED**  
**T263L**

## ORDERING INFORMATION

Ordering Examples: T263L G2 30K 80CRI PDIM SP WH, T263L TEK G2 30K 80CRI PDIM SP BL

| Series                    | Mounting Adapter Type                    | Generation      | Color Temperature | Color Rendering Index | Dimming Compatibility                           | Distribution                            | Finish                            |
|---------------------------|--|-----------------|-------------------|-----------------------|---|---|-----------------------------------|
| T263L 27W<br>Conix II LED | (Blank) Universal 120V Trac Adapter      | G2 Generation 2 | 27K 2700K         | 80CRI 80 CRI          | OFF On/Off (Non-Dimming)<br>PDIM Phase Dimmable | SP Spot<br>NFL Narrow Flood<br>FL Flood | BL Black<br>SL Silver<br>WH White |
|                           | HTEK <sup>1</sup> HTEK 277V Trac Adapter |                 | 30K 3000K         | 90CRI 90 CRI          |   |   |                                   |
|                           | TEK TEK 120V Trac Adapter                |                 | 35K 3500K         |                       |   |   |                                   |
|                           | GTYPE G-Type Trac Adapter                |                 | 40K 4000K         |                       |   |   |                                   |
|                           | HTYPE H-Type Trac Adapter                |                 |                   |                       |   |   |                                   |
|                           | LTYPE L-Type Trac Adapter                |                 |                   |                       |   |   |                                   |
|                           |  |                 |                   |                       |   |   |                                   |

| Accessories   |                          |                       |                                  |                   |                          |  |  |
|---------------|--------------------------|-----------------------|----------------------------------|-------------------|--------------------------|--|--|
| HCLBL 375     | Hexcell Louver - Black   | CGF 375               | Color Glass Filters              | PRISM 375         | Prismatic Spread Lens    |  |  |
| CCLBL 375     | Cube Cell Louver - Black | DGF 375               | Dichroic Glass Filter            | LSPREAD 375       | Linear Spread Lens       |  |  |
| XBAFLBL 375   | Cross Baffle - Black     | DCCF 375 <sup>2</sup> | Dichroic Color Correction Filter | T40N <sup>3</sup> | Monopoint Canopy         |  |  |
| SNOOTBL 375   | Snoot - Black            | UVF 375               | UV Filter                        | TR3 SPT           | Reflector – Spot         |  |  |
| EYEBROWBL 375 | Eyebrow - Black          | DIFF 375              | Diffusion Glass Lens             | TR3 NFLD          | Reflector – Narrow Flood |  |  |
| TBDR BLCK 375 | Barn Doors - Black       | SOLITE 375            | Uniformity Lens                  | TR3 FLD           | Reflector – Flood        |  |  |

See specification sheet [D1.2.2](#) for details.Other accessories can be found on specification sheet [D1.2.0](#).

## Notes:

- HTEK versions available with OFF option only.
- DCCF 200 HAL2700 corrects 3000K color to approximately 2700K and 4000K color to approximately 3400K.
- Add finish code to complete catalog number (Example: T40N WH).

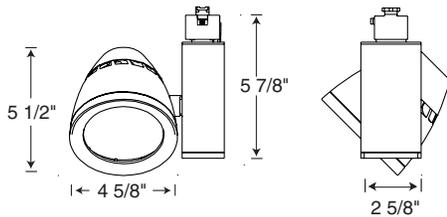
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## 27W CONIX® II LED

### T263L

#### DIMENSIONS



#### PERFORMANCE DATA<sup>1</sup>

| Catalog Number         | Voltage | Input Watts (Typical) | Lumens | Efficacy (LPW) | Rated Life (Hours) |
|------------------------|---------|-----------------------|--------|----------------|--------------------|
| T263L G2 27K 80CRI SP  | 120V    | 27.4                  | 1673   | 61             | 50,000             |
| T263L G2 27K 80CRI NFL | 120V    | 27.4                  | 1760   | 64             | 50,000             |
| T263L G2 27K 80CRI FL  | 120V    | 27.4                  | 1809   | 66             | 50,000             |
| T263L G2 27K 90CRI SP  | 120V    | 27.4                  | 1335   | 49             | 50,000             |
| T263L G2 27K 90CRI NFL | 120V    | 27.4                  | 1404   | 51             | 50,000             |
| T263L G2 27K 90CRI FL  | 120V    | 27.4                  | 1443   | 53             | 50,000             |
| T263L G2 30K 80CRI SP  | 120V    | 27.4                  | 1780   | 65             | 50,000             |
| T263L G2 30K 80CRI NFL | 120V    | 27.4                  | 1872   | 68             | 50,000             |
| T263L G2 30K 80CRI FL  | 120V    | 27.4                  | 1924   | 70             | 50,000             |
| T263L G2 30K 90CRI SP  | 120V    | 27.4                  | 1406   | 51             | 50,000             |
| T263L G2 30K 90CRI NFL | 120V    | 27.4                  | 1479   | 54             | 50,000             |
| T263L G2 30K 90CRI FL  | 120V    | 27.4                  | 1520   | 55             | 50,000             |
| T263L G2 35K 80CRI SP  | 120V    | 27.4                  | 1833   | 67             | 50,000             |
| T263L G2 35K 80CRI NFL | 120V    | 27.4                  | 1928   | 70             | 50,000             |
| T263L G2 35K 80CRI FL  | 120V    | 27.4                  | 1982   | 72             | 50,000             |
| T263L G2 35K 90CRI SP  | 120V    | 27.4                  | 1495   | 55             | 50,000             |
| T263L G2 35K 90CRI NFL | 120V    | 27.4                  | 1572   | 57             | 50,000             |
| T263L G2 35K 90CRI FL  | 120V    | 27.4                  | 1616   | 59             | 50,000             |
| T263L G2 40K 80CRI SP  | 120V    | 27.4                  | 1851   | 68             | 50,000             |
| T263L G2 40K 80CRI NFL | 120V    | 27.4                  | 1947   | 71             | 50,000             |
| T263L G2 40K 80CRI FL  | 120V    | 27.4                  | 2001   | 73             | 50,000             |
| T263L G2 40K 90CRI SP  | 120V    | 27.4                  | 1549   | 57             | 50,000             |
| T263L G2 40K 90CRI NFL | 120V    | 27.4                  | 1629   | 59             | 50,000             |
| T263L G2 40K 90CRI FL  | 120V    | 27.4                  | 1674   | 61             | 50,000             |

<sup>1</sup>Performance data, including Rated Life, is based on measurements of an individual fixture operating in a 25°C ambient.

#### ELECTRICAL DATA

|                      |       |
|----------------------|-------|
| Input Voltage        | 120V  |
| Input Current (max.) | 0.26A |
| Power Factor         | >0.90 |
| T.H.D.               | <20%  |

# TRAC-MASTER®

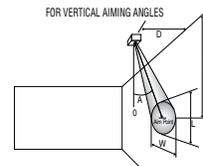
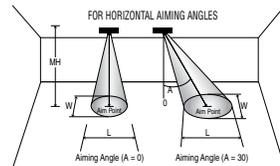
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### T263L

**CBCP** • Centerbeam candlepower  
**FC** • Footcandles at beam center (aim point)

In vertical aiming applications, aim point (X) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.5774 for 30°, 1.0 for 45°, 1.732 for 60°).



| Lamp  | Beam Type | Beam Spread | Rated Life | CBCP  | 0° |     |     | 30° |     |     | 30° |    |     |      | 45°  |     |     |      | 60° |     |    |     |      |     |     |
|---|-----------|-------------|------------|-------|----|-----|-----|-----|-----|-----|-----|----|-----|------|------|-----|-----|------|-----|-----|----|-----|------|-----|-----|
|   |           |             |            |       | MH | FC  | L   | W   | FC  | L   | W   | D  | FC  | X    | L    | W   | FC  | X    | L   | W   | D  | FC  | X    | L   | W   |
| Conix II<br>27W LED<br>30K, 80CRI<br>Spot         | S         | 11°         | 50000      | 24441 | 12 | 170 | 2.4 | 2.4 | 110 | 3.2 | 2.8 | 4  | 191 | 6.9  | 3.3  | 1.6 | 540 | 4.0  | 1.6 | 1.1 | 10 | 159 | 5.8  | 2.7 | 2.3 |
|   |           |             |            |       | 14 | 125 | 2.8 | 2.8 | 81  | 3.7 | 3.2 | 6  | 85  | 10.4 | 4.9  | 2.4 | 240 | 6.0  | 2.4 | 1.7 | 12 | 110 | 6.9  | 3.2 | 2.8 |
|   |           |             |            |       | 16 | 95  | 3.2 | 3.2 | 62  | 4.3 | 3.7 | 8  | 48  | 13.9 | 6.6  | 3.2 | 135 | 8.0  | 3.2 | 2.3 | 14 | 81  | 8.1  | 3.7 | 3.2 |
|   |           |             |            |       | 18 | 75  | 3.6 | 3.6 | 49  | 4.8 | 4.1 | 10 | 31  | 17.3 | 8.2  | 4.0 | 86  | 10.0 | 4.0 | 2.8 | 16 | 62  | 9.2  | 4.3 | 3.7 |
|   |           |             |            |       | 20 | 61  | 4.0 | 4.0 | 40  | 5.3 | 4.6 | 12 | 21  | 20.8 | 9.9  | 4.8 | 60  | 12.0 | 4.8 | 3.4 | 18 | 49  | 10.4 | 4.8 | 4.1 |
| Conix II<br>27W LED<br>30K, 80CRI<br>Narrow Flood | N         | 23°         | 50000      | 8937  | 8  | 140 | 3.2 | 3.2 | 91  | 4.4 | 3.7 | 4  | 70  | 6.9  | 7.3  | 3.2 | 197 | 4.0  | 3.4 | 2.3 | 6  | 161 | 3.5  | 3.3 | 2.8 |
|   |           |             |            |       | 10 | 89  | 4.0 | 4.0 | 58  | 5.5 | 4.7 | 5  | 45  | 8.7  | 9.2  | 4.0 | 126 | 5.0  | 4.2 | 2.9 | 8  | 91  | 4.6  | 4.4 | 3.7 |
|   |           |             |            |       | 12 | 62  | 4.8 | 4.8 | 40  | 6.5 | 5.6 | 6  | 31  | 10.4 | 11.0 | 4.8 | 88  | 6.0  | 5.0 | 3.4 | 10 | 58  | 5.8  | 5.5 | 4.7 |
|   |           |             |            |       | 14 | 46  | 5.6 | 5.6 | 30  | 7.6 | 6.5 | 7  | 23  | 12.1 | 12.9 | 5.6 | 64  | 7.0  | 5.9 | 4.0 | 12 | 40  | 6.9  | 6.5 | 5.6 |
|   |           |             |            |       | 16 | 35  | 6.5 | 6.5 | 23  | 8.7 | 7.5 | 8  | 17  | 13.9 | 14.7 | 6.5 | 49  | 8.0  | 6.7 | 4.6 | 14 | 30  | 8.1  | 7.6 | 6.5 |
| Conix II<br>27W LED<br>30K, 80CRI<br>Flood        | F         | 38°         | 50000      | 5056  | 5  | 202 | 3.4 | 3.4 | 131 | 4.8 | 4.0 | 2  | 158 | 3.5  | 8.5  | 2.7 | 447 | 2.0  | 3.1 | 1.9 | 5  | 131 | 2.9  | 4.8 | 4.0 |
|   |           |             |            |       | 6  | 140 | 4.1 | 4.1 | 91  | 5.7 | 4.8 | 3  | 70  | 5.2  | 12.7 | 4.1 | 199 | 3.0  | 4.7 | 2.9 | 6  | 91  | 3.5  | 5.7 | 4.8 |
|   |           |             |            |       | 7  | 103 | 4.8 | 4.8 | 67  | 6.7 | 5.6 | 4  | 40  | 6.9  | 17.0 | 5.5 | 112 | 4.0  | 6.2 | 3.9 | 7  | 67  | 4.0  | 6.7 | 5.6 |
|   |           |             |            |       | 8  | 79  | 5.5 | 5.5 | 51  | 7.6 | 6.3 | 5  | 25  | 8.7  | 21.2 | 6.9 | 72  | 5.0  | 7.8 | 4.9 | 8  | 51  | 4.6  | 7.6 | 6.3 |
|   |           |             |            |       | 9  | 62  | 6.2 | 6.2 | 41  | 8.6 | 7.1 | 6  | 18  | 10.4 | **   | 8.2 | 50  | 6.0  | 9.3 | 5.8 | 9  | 41  | 5.2  | 8.6 | 7.1 |

For 27K 80CRI fixtures, use 0.94 multiplier; for 27K 90CRI fixtures, use 0.75 multiplier; for 30K 90CRI fixtures, use 0.79 multiplier; for 35K 80CRI fixtures, use 1.03 multiplier; for 35K 90CRI fixtures, use 0.84 multiplier; for 40K 80CRI fixtures, use 1.04 multiplier; for 40K 90CRI fixtures, use 0.87 multiplier.

\*\*Due to steep aiming angle, length of beam extends beyond 25'.