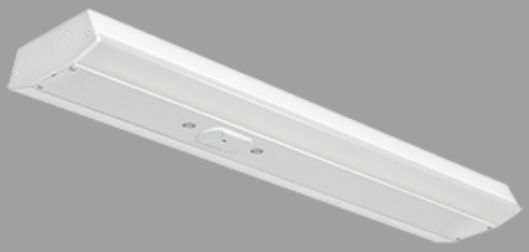
TSLED2-28N/D10/US/BL



TSLED can be ceiling or wall mounted. Offered with several optional features that are ideal for stairwell applications and enable compliance with the NFPA 101: Life Safety Code® including: ultrasonic motion sensor, bi-level dimmer, emergency battery backup, Lightcloud™ Controller

Color: White

Weight: 7.1 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.25A
208V	0.13A
240V	0.12A
277V	0.11A
Input Watts	29.2W

LED Info

Watts	28W
Color Temp	4000K (Neutral)
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	3,554 lm
Efficacy	121.7 lm/W

Technical Specifications

Compliance

UL Listed:
Suitable for damp locations

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Electrical

Driver:
Constant Current, Class 2, 100-277V, 50/60 Hz., 2KV surge protection, 120V: 0.25A, 208V: 0.13A, 240V: 0.12A, 277V: 0.11A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
4.34% at 120V6.37% at 277V

Power Factor:
99.7% at 120V, 99.5% at 277V

LED Characteristics

LEDs:
Long-life, high-efficacy, surface-mount LEDs

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Note:
Note: Calculated at 50% of normal output

Wattage Equivalency:
Equivalent to (1) F35-T5

Construction

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Housing:
Die-formed, 20 gauge, cold-rolled, post-painted steel (white)

Lens:
Soft-glow acrylic lens reduces glare and has smooth and even light distribution

Reflector:
High-reflectance white steel

Mounting:
Surface mount, ceiling or wall. Knockouts on sides and back.

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Other

Bi-Level:
Allows 25%, 50% or 75% output modes

Ultrasonic Sensor:
Detects the presence of people by sending ultrasonic sound waves and measuring frequency changes caused by movement. They cover the entire space and don't need a line of sight. As a result, they can detect people behind obstacles and are ideal for stairwells in which a line sight is not always possible, and higher levels of sensitivity are required.

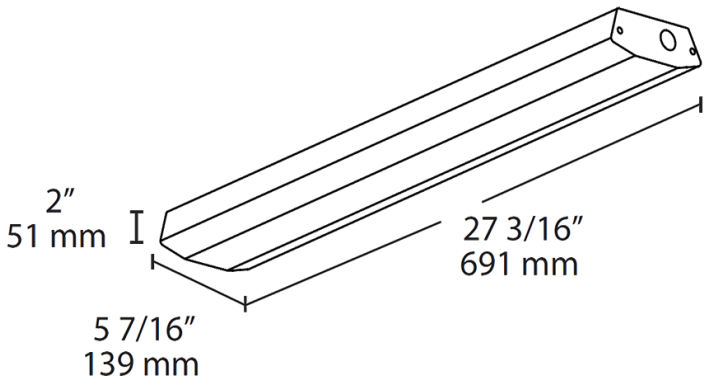
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Technical Specifications (continued)

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- Diffused lens for smooth light distribution
- 0-10V dimming driver, standard
- 100,000-Hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Size		Wattage	Color Temp	Dimming	Options
TSLED	2	–	28	N	/D10	/US/BL
	4 = 4 ft **2 =** 2 ft		**28 =** 28W **36 =** 36W	**Blank =** 5000K Cool **N =** 4000K Neutral **YN =** 3500K Warm Neutral	**/D10 =** Dimmable	**Blank =** No Option **/LC =** Lightcloud Controller [1] **/US =** Ultrasonic Sensor **/US/BL =** Ultrasonic Sensor & Bi-Level Operation **/E2 =** Battery Backup **/US/E2 =** Ultrasonic Sensor & Battery Backup **/US/BL/E2 =** Ultrasonic Sensor, Bi-Level Operation & Battery Backup

[1] *Only available as a stand-alone option. May not be combined with sensor, bi-level or emergency options.*

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