TSLED2-28/D10/LC

RAB LIGHTING

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant
120V:	0.24A
208V:	0.14A
240V:	0.13A
277V:	0.10A
Input Watts:	29W
Efficiency:	97%

LED Info

Watts:	28W
Color Temp:	5000K
Color Accuracy:	83 CRI
L70 Lifespan:	100000
Lumens:	3,455
Efficacy:	119 LPW

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. Lightcloud is a commercial wireless lighting control system and service fully develoved and supported by RAB. It's powerful and flexible, yet easy to use and install.

Color: White   Weight: 6.6 lbs

Technical Specifications

Lightcloud

Lightcloud Installed:

Lightcloud is a commercial wireless lighting control system and service fully developed and supported by RAB. It's powerful and flexible, yet easy to use and install.

Listings

UL Listing:

Suitable for damp locations

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: PGM3E7GG

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz., 2KV surge protection, 120V: 0.24A, 208V: 0.14A, 240V: 0.13A, 277V: 0.10A

Dimming Driver:

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

15.8% at 120V, 20.9% at 277V

Power Factor:

97.6% at 120V, 94.8% at 277V

LED Characteristics

LEDs:

Long-life, high-efficiency surface mount LEDs

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Construction

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

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:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.
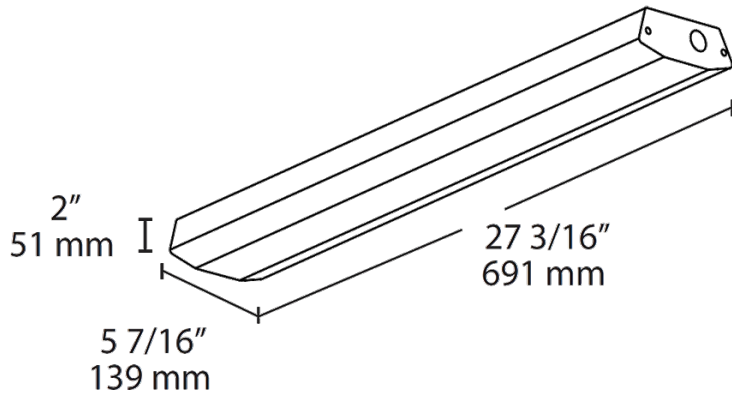
Other

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.

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Dimensions

2″
51 mm

27 3/16″
691 mm

5 7/16″
139 mm

Features

Diffused lens for smooth light distribution

0-10V dimming driver, standard

100,000-Hour LED lifespan

5 year warranty

Ordering Matrix

Family	Length	Wattage	Color Temp		Dimming	Lightcloud
TSLED	2	28			/D10	/LC
	2 = 2 ft	**28** = 28W	**Blank** = 5000K (Cool)		**/D10** = Dimmable	**/LC** = /LC
			N = 4000K (Neutral)			
			YN = 3500K (Warm Neutral)			
			Y = 3000K (Warm)			