



# CLEANROOM TDC101

2" Wide Teardrop Architectural/Cleanroom Luminaire

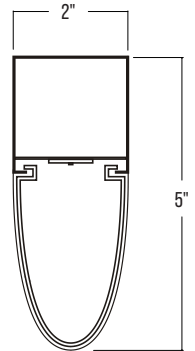


JOB	
TYPE	
DATE	

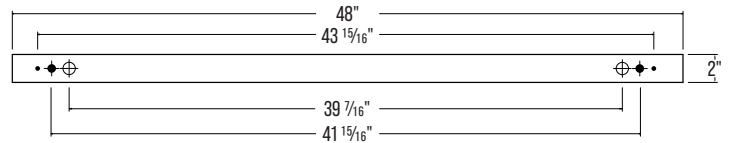
Surface / Suspension / Grid Mounted



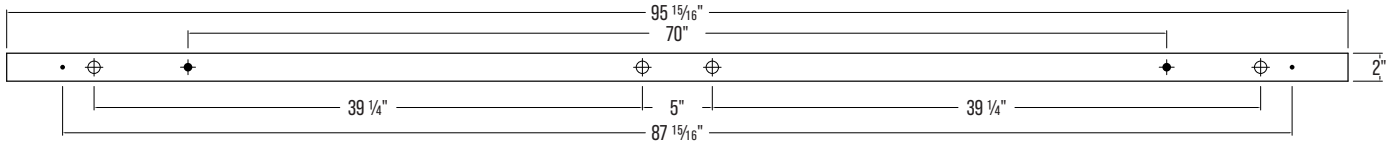
### CROSS SECTION



### 4' BACKPLATE



### 8' BACKPLATE



◆ 11/16" STEM MTG. K.O.    ● 1/4" HOLE    ⊕ 7/8" K.O.

## SPECIFICATIONS

### Construction

- Class 100 / ISO Class 5 equivalent
- 22 gauge cold rolled steel housing
- 18 gauge welded electrogalvanized steel end caps
- Two 0.25" holes on back of fixture housing for mounting

### Finish

- Painted after fabrication
- Baked white powder-coated finish
- Minimum reflectance 90%

### Optical

- Frosted snap-in lens standard

### Electrical

- High efficiency drivers coupled with long-life LEDs
- Service life greater than 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

### Listing

- UL USA and Canada listed / suitable for damp locations

### Warranty

- 5-Year limited warranty standard. 10-Year limited warranty also available

## APPLICATIONS

- Cleanroom, Retail, Commercial

## FEATURES

- 0-10V dimming driver standard
- Grid-mountable using studded T-bar clip
- Supports California Title 24 compliance

## OPTIONS

- Colored LEDs- amber, red, blue, etc. (Contact customer service for specific nanometer range required)
- Additional lumen packages and color temperatures
- Sensors and controls
- Custom colors
- Emergency battery pack
- Antimicrobial finish
- Cable suspension systems



**Los Angeles Lighting Mfg. Co.**  
 Contact Us  
 T: 626-454-8300    10141 Olney Street  
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**ORDERING INFORMATION:** Additional Options Available. Visit [www.lalighting.com/resources](http://www.lalighting.com/resources) for more information

**EXAMPLE: TDC101-2-4L-AMF-BPLSL1.5-DRDM-UNV-1/840**

SERIES	NOMINAL LED LUMENS	NOMINAL LENGTH	FINISH	CONTROLS/ELECTRICAL	DRIVER	VOLTAGE	# OF LED ROWS	CRI / CCT
<b>TDC101</b>					<b>DRDM</b>	<b>UNV</b>	<b>1</b>	
<b>TDC101</b> • TDC101 2" Wide Teardrop Architectural/Cleanroom Luminaire	2 - 2000 lm 4 - 4000 lm 6 - 6000 lm 8 - 8000 lm 10 - 6000 lm  <b>High Efficacy</b> 2HE - 2000 lm 4HE - 4000 lm 6HE - 6000 lm 7HE - 7000 lm	<b>4L</b> • 4'	<b>AMF</b> • Antimicrobial Finish  *Leave blank if not specified	<b>BPLSL1.5</b> • 1500 lm Emergency Battery Pack, Slim Casing  <b>WLC(LED RU)</b> • Wireless Control  *Leave blank if not specified	<b>DRDM</b> • 0-10V Dimming Driver	<b>UNV</b> • 120V-277V  <b>120V</b> • 120 Volt  <b>277V</b> • 277 Volt	<b>1</b> • One LED Row	<b>827</b> • 80+CRI / 2700K  <b>830</b> • 80+CRI / 3000K  <b>835</b> • 80+CRI / 3500K  <b>840</b> • 80+CRI / 4000K  <b>850</b> • 80+CRI / 5000K  <b>865</b> • 80+CRI / 6500K  <b>8TW</b> • 80+CRI Tunable White 2700K-6500K  <i>Colored LEDs available.                      Contact customer service for specific nanometer ranges.</i>  90CRI Also available  Contact customer service for additional CRI/CCT packages.
	4 - 4000 lm 8 - 8000 lm 12 - 12000 lm 16 - 16000 lm 20 - 20000 lm  <b>High Efficacy</b> 4HE - 4000 lm 8HE - 8000 lm 12HE - 12000 lm 14HE - 14000 lm	<b>8L</b> • 8'				Standard options for TDC101 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit <a href="http://www.lalighting.com/resources">www.lalighting.com/resources</a> or contact customer service.		

## ACCESSORIES

### CANOPY / CABLE SUSPENSION SYSTEM

- Self-locking, one-step adjustable suspension device with canopy



#### 433B

- Canopy with cable
- No power cord
- Cable length 48" and 96"
- Max. Weight 196 lbs.

#### 433B-48 W

**COLOR**  
**W** - White  
**B** - Black

**CABLE LENGTH**

**48** - 48 inches  
**96** - 96 inches  
 (other lengths as specified)



#### 444F

- Feed-in canopy with straight cord
- Includes power cord
- Cable length 48" and 96"
- Max. Weight 196 lbs

#### 444F-48W-2C

**# OF CIRCUITS**

**2C** - Two circuits  
**LV** - 0-10V dimming  
**Blank** - One circuit

**COLOR**

**W** - White  
**B** - Black

**CABLE LENGTH**

**48** - 48 inches  
**96** - 96 inches  
 (other lengths as specified)



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# TDC101 LED 2" Wide Teardrop Architectural/Cleanroom Luminaire

SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

Normal Temp	4'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
		2000 Lumens (Nominal)	TDC101-2-4L-DRDM-UNV-1/840	1861	12.5	149.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
		4000 Lumens (Nominal)	TDC101-4-4L-DRDM-UNV-1/840	3641	25.5	142.6 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	<a href="#">LA-T3955b-1</a>
		6000 Lumens (Nominal)	TDC101-6-4L-DRDM-UNV-1/840	5377	39.1	137.7 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
		8000 Lumens (Nominal)	TDC101-8-4L-DRDM-UNV-1/840	7079	53.1	133.4 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
		10000 Lumens (Nominal)	TDC101-10-4L-DRDM-UNV-1/840	9037	70.5	128.2 lm/W	-20°C / 35°C (-4°F / 95°F)	5x F32T8	*

Normal Temp High Efficacy	4'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
		2000 Lumens (Nominal)	TDC101-2HE-4L-DRDM-UNV-1/840	1891	12.4	153.1 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F32T8	*
		4000 Lumens (Nominal)	TDC101-4HE-4L-DRDM-UNV-1/840	3721	24.9	149.2 lm/W	-20°C / 35°C (-4°F / 95°F)	1x F54T5HO 2x F32T8	*
		6000 Lumens (Nominal)	TDC101-6HE-4L-DRDM-UNV-1/840	5525	37.8	146.3 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*
		7000 Lumens (Nominal)	TDC101-7HE-4L-DRDM-UNV-1/840	6240	43.1	144.9 lm/W	-20°C / 35°C (-4°F / 95°F)	3x F32T8	*

Normal Temp	8'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
		4000 Lumens (Nominal)	TDC101-4-8L-DRDM-UNV-1/840	3748	24.9	150.3 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
		8000 Lumens (Nominal)	TDC101-8-8L-DRDM-UNV-1/840	7330	50.9	143.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
		12000 Lumens (Nominal)	TDC101-12-8L-DRDM-UNV-1/840	10862	78.0	139.3 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8	<a href="#">LA-T3956b-1</a>
		16000 Lumens (Nominal)	TDC101-16-8L-DRDM-UNV-1/840	14214	106.1	133.9 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO 8x F32T8	*
		20000 Lumens (Nominal)	TDC101-20-8L-DRDM-UNV-1/840	17824	138.0	129.2 lm/W	-20°C / 35°C (-4°F / 95°F)	4x F54T5HO 8x F32T8	*

Normal Temp High Efficacy	8'	LED LUMEN PACKAGE	NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE	DELIVERED LUMENS	SYSTEM WATTS	LUMINAIRE EFFICACY	AMBIENT TEMP.	FLUORESCENT EQUIVALENT	IES FILES
		4000 Lumens (Nominal)	TDC101-4HE-8L-DRDM-UNV-1/840	3809	24.6	154.9 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F32T8	*
		8000 Lumens (Nominal)	TDC101-8HE-8L-DRDM-UNV-1/840	7130	47.2	151.1 lm/W	-20°C / 35°C (-4°F / 95°F)	2x F54T5HO 4x F32T8	*
		12000 Lumens (Nominal)	TDC101-12HE-8L-DRDM-UNV-1/840	10770	72.8	147.9 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8	*
		14000 Lumens (Nominal)	TDC101-14HE-8L-DRDM-UNV-1/840	12570	86.0	146.2 lm/W	-20°C / 35°C (-4°F / 95°F)	6x F32T8	*

NOTE: System data as of 8/15/24. Subject to change without notice. System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table. Additional lumen packages and color temperatures available.



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