



WRTL & VRTL Demanding Recessed LED Troffers

Tough Environments Demand Tough Troffers

Specially designed for demanding or abusive environments where dust, moisture or even vandalism is a concern, the WRTL and VRTL recessed LED troffers from Lithonia Lighting® are up for the challenge bringing you the efficiency and reliability of LEDs in a vapor-tight or vandal-resistant recessed troffer. The WRTL LED and VRTL LED are available in 1'x4', 2'x2' and 2'x4' sizes and are suitable for both in-ceiling and lay-in grid installations. Numerous lumen packages, fixture sizes and Acuity Controls options provide increased energy savings and versatility. Applications include food processing, locker rooms, bathrooms, schools, recreational facilities, supervised behavioral centers, isolated areas and canopies.

WRTL Wet-Location Recessed LED Troffer

The WRTL LED is wet location listed for applications where moisture and dust are a concern. For food processing, an NSF option allows the WRTL LED fixture to be rated NSF Splash Zone 2. Both inset and overlapping aluminum door designs are available with a frosted acrylic diffuser to meet your unique requirements. The WRTL LED housing is made from 20-gauge cold-rolled steel for strength and durability.

VRTL Vandal-Resistant Recessed LED Troffer



The VRTL LED is vandal-resistant and built for tough, physically abusive environments. Its rugged design includes a polycarbonate lens and tamper-resistant fasteners. Its heavy-duty, 18-gauge cold rolled steel-framed door and 20-gauge steel housing protects the fixture from negligence and physical damage. The VRTL LED is damp location rated with a wet location rating as an upgrade option.

Robust Offering to Meet Demanding Applications:

- Available in 1X4, 2X2, and 2X4
- Up to 12,000 lumens in 1X4, 18,000 lumens in 2X2, and 30,000 lumens in 2X4
- Factory-installed nLight Air Wireless control capability
- Up to 145 LPW for WRTL, Up to 125 LPW for VRTL. DLC Premium on many SKUs
- 80CRI, 90CRI
- 30K, 35K, 40K, 50K CCT options
- In-ceiling and lay-in grid
- Grid and Flange trim options
- NSF splash zone 2 (WRTL)
- IP65, IP66 (roomside only) for WRTL
- IK10
- Multiple polycarbonate lens thicknesses available (VRTL)



WRTL & VRTL Demanding Recessed LED Troffers

Recessed	WRTL	VRTL
	General Purpose / Wet Location LED Troffer	Vandal-Resistant LED Troffer
Purpose	 Wet location recessed troffer for in-ceiling and lay-in grid applications. General illumination, vapor tight fixture suitable for most demanding applications because of its available fixture sizes, broad range of lumen packages and numerous control options.	 Vandal-resistant, damp location recessed troffer for in-ceiling and lay-in grid applications. Use in public spaces and environments that are prone to negligence, abuse or vandalism.
Available Sizes	1'x4', 2'x2', 2'x4'	1'x4', 2'x2', 2'x4'
Lumens	1X4 - 3,000 to 12,000 lumens 2X2 - 3,000 to 18,000 lumens 2X4 - 3,000 to 30,000 lumens	1X4 - 3,000 to 12,000 lumens 2X2 - 3,000 to 18,000 lumens 2X4 - 3,000 to 30,000 lumen
Performance	Up to 145 LPW. DLC Premium on many SKUs	Up to 125 LPW. DLC Premium on many SKUs
Housing/Construction	20-Gauge Cold Rolled Steel	20-Gauge Cold Rolled Steel
Door Frame Options	Inset and overlap door styles available; white, black and silver door colors available	Inset door style only; white and black colors available
Surface Mount	No	Yes, optional
Plenum Access	No	No
Vandal Resistant	No	Yes, includes 18-Gauge steel doorframe, polycarbonate lens and tamper-resistant fasteners
Cleanroom Rating	N/A	N/A
IP Ratings	IP65, IP66 (roomside only)	Damp location rated; Wet location option available
Environmental Ratings & Certifications	NSF, non-food splash zone 2 (overlap door only)	No
BioSafety	N/A	N/A
Military Specification	N/A	N/A
Temperature Range	-4°F (-20°C) to 104°F (40°C) – see spec sheet for exceptions	-4°F (-20°C) to 104°F (40°C) – see spec sheet for exceptions
CCT	3000K, 3500K, 4000K, 5000K	3000K, 3500K, 4000K, 5000K
CRI	80, 90 w/ high R9 value	80, 90 w/ high R9 value
Emergency Backup	Yes, available as option	Yes, available as option
Acuity Controls	Yes, available as option	Yes, available as option



Food Processing

The Demanding Troffer families from Lithonia Lighting provide options that are designed to protect processes and substances from contamination and are suitable for general illumination of kitchen, food prep and processing applications.



Education

The Demanding Troffer families from Lithonia Lighting provide fixture options suitable for educational buildings that may include kitchens, locker rooms, shower areas, and other spaces where vandalism is a concern.

Visit www.lithonia.com for more information.