

Stellantis Engineering Tech Center Eliminates Office Glare Problem And Saves \$20,000 Per Year With eLumigen LED Troffers

- Stellantis N.V. owns Chrysler, Jeep, Dodge and other global automotive brands.
- Engineering Tech Center in Metro Detroit, Michigan.
- 10,000 sq. ft. office.
- Serious glare problem on computer monitors reduced employee productivity and office time.
- Diminished employee wellness, wasted energy, and high energy costs.



The eLumigen State-of-the-Art LED Troffer:

- Eliminated computer screen glare problem
- Increased office attendance and productivity
- Reduced energy consumption
- Saved energy
- Saved money
- Improved sustainability



Before	After
Old fluorescent fixtures	State-of-the-art LED troffers.
High glare and employee complaints	Low glare eliminated employee complaints
1,423 Lux (overlit & glare)	749 Lux
113W per fixture	36W per fixture, 70% energy savings
Glass & mercury fluorescent lamps	Increased office attendance and productivity
	Over \$20,000 per year in electricity savings
	<1 year payback

After installation, the superiority of the eLumigen LED troffer was apparent:

- **More light** (lux at the work)
- **Eliminated glare complaints** with better light level, warmer color temperature, and a low-glare diffuser.
- **Improved energy efficiency** with energy savings of \$20,000 per year, and less than 12 months ROI.
- **Improved attendance and productivity** in the office.
- **Eliminated glass and mercury** from fluorescent lamps.
- **Improved sustainability** from energy reduction and elimination of mercury in fluorescent lamps.
- **70% Energy Reduction**

eLumigen State-of-the-Art LED Troffer

The eLumigen State-of-the-Art LED Troffer is an ideal replacement for fluorescent troffers or lumen depreciated LED troffers. A premium low-glare diffuser provides uniform light distribution without hot spots nor dark spots. Simple quick-connects create fast wiring for quick and easy installation at the job site. The luminaires can be daisy-chain connected. T-grid (hurricane) clips are provided along with a durable housing and no sharp edges. These fixtures are 0-10V dimmable with universal 100-277 input voltage. They have no visible flicker nor glare, and come with a non-yellowing diffuser. cULus, DLC, and IC listed for safety, high efficiency, and utility rebate eligibility. These troffers have a 50,000 hour rated life and 5 year standard warranty, 10 years for education applications.



TECHNICAL SPECIFICATION

Input voltage	100 - 277 VAC, 50 - 60 Hz
THD	≤ 15%
PF	>0.9 with no visible flicker
Color Temperatures	3000K, 4000K, 5000K

Color Rendering Index	CRI >80
Operating Temperature	-4F to +122F (-20° C to 50° C)
Rated Life	50,000 Hours (L70)

DLC

DIMMABLE

NO FLICKER

cULUS

CRI > 80
PF > 0.90

IC-RATED

>80% Energy Saving

5 years Warranty