



Orion Energy Systems, Inc. | [orionlighting.com](http://orionlighting.com)

# Sustainable and Connected Troffer Retrofit



Light Fixture, Controls System and Lifi Technology are by American Companies

**Efficacy**

**Specification**  
180LPW

**Quality of Light**

**Specification**  
2938LM  
**Color Rendition**  
Rf>90;Rfh1>90,  
Rcs,h1>-1,Rg>100  
**Chromaticity**  
4000k  
**White Tunable**  
2700-6500k  
**UGR < 19**  
**Flicker**  
SVM<0.4,TLM>90hz  
**Dimming Range**  
1%-100%

**Connectivity**

**Zigbee**  
(IEEE 802.15.4) Mesh  
**API**  
Programmable Interface  
**Addressability**  
Wireless OTA Con-Fig.  
**Energy Reporting** Yes  
**Lighting Control**  
Extensive Offering  
**System Resilience**  
Works w/out Internet  
**Fault Detection & Diagnose** Yes  
**LLC** Yes  
**Grid Services Capable**  
Yes, Open ADR 2.0  
**Sensor Ready**  
Zhaga Book 20

**Product Life Cycle**

**Lumen Maintenance**  
L96 at 36,000 hrs.  
L85 at 50,000 hrs.  
**Chromaticity**  
0.0014  
**Driver Lifetime**  
>50,000 hrs.  
**Replaceable Components**  
Field upgradable light engine. While keeping original housing.  
**Design Disassembly**  
Option #1 Kroll/ Hanft

**Innovation and Inclusion**

**Innovation**  
LiFi with Quantum Encryption & Unlimited Bandwidth.  
**Inclusion**  
Diverse design and engineering team with Orion and our technology partners that included. Hispanics, Women and African American.

← Demonstrate Exceptional Achievement →



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THANK  
YOU