G&G
INDUSTRIAL LIGHTING
T 800.285.6780 E sales@ggled.net
www.ggled.net

Date

Project

IP68 INGRESS CERTIFIED

DIRECT AC DRIVERLESS

TRX
INDUSTRIAL DRIVERLESS LINEAR

INDUSTRIAL DRIVERSS LED LINEAR LUMINAIRE

Product Features

Waterproof, Dust Tight and Corrosion Resistant

Seamless polymeric outer shell provides IP68 ingress protection against moisture and dust intrusion and is specialized for superior chemical resistance. An additional protective coating is available which integrates a UV inhibitor and UV blocker for outdoor applications.

Maintenance Free Direct AC Driverless Design

Connects directly to AC line voltage without an LED driver or electrolytic capacitors, for ease of use and extreme reliability and lifetime. Requires zero maintenance.

Compact Low-Profile Housing

1" round patented linear housing provides a remarkably slim low profile allowing installation in almost any application. The single piece enclosure design is lightweight, incredibly easy to mount and creates a modern, sleek result with no seals or gaskets..

Heavy Duty Quick-Connect Cabling

Heavy duty cabling and push-and-click connectors make TRX series fixtures easily to install and daisy chain for long linear runs.

Performance Summary

Delivered Light Output: Up to 4,000 Lumens - 1,000 Lumens/Ft

Efficacy: 125 LPW

CRI: Typical 85 CRI

CCT: 5000K & 4000K

Lifetime: Designed to last 100,000 Hours at 25°C

Warranty: 5 Years (See ggled.net for Terms)

Mounting: Ceiling or Wall

Protection Class: IP68 Ingress & IK07 Impact

Dimming: Yes, TRIAC Dimmable

Voltage: 120 VAC or 277 VAC Input

Ambient Rating: -40°C to 55°C

Ordering Information

Product	Length		Color Temp.		UV Protection		Through Wired		Backplate		Voltage
TRX		–		–		–		–		–	
	2 2-Foot		**50K** (standard) 5000 Kelvin		**Blank** (standard) No Coating, Rated for Indoor Use		**Blank** (standard) Connectors on Input & Output for ability to Daisy Chain fixtures		**Blank** (standard) No Backplate		**120V** 120 VAC Input
	4 4-Foot		**40K** 4000 Kelvin		**UVO** Outdoor-Rated with UV-Blocking Coating		**SE** (Single-Ended) Connector on Input Only, No Daisy Chain, for Standalone Install		**BKP** (Backplate) Easy Mount and Protective Backplate		**277V** 277 VAC Input

Power & Connection Accessories

Cable	Type	Length	Wire
TRX-JMP-1	Jumper	1ft	14 ga SOOW
TRX-JMP-4	Jumper	4ft	14 ga SOOW
TRX-JMP-8	Jumper	8ft	14 ga SOOW
TRX-LDR-8	Leader Cable	8ft	14 ga SOOW
* TRX-JMP-X-LSZH	Jumper	To Order	14 ga LSZH
* TRX-LDR-X-LSZH	Leader Cable	To Order	14 ga LSZH

Mounting Hardware	Description
TRX-MNT-NM	Non-Metalic Quick Latch
TRX-MNT-SS	Stainless Steel Bolt Latch
TRX-MNT-MAG	Disc Magnet Add-On

* *LSZH NFPA 130 Compliant cabling available (contact agent).*

Rev Date 21 0310

G&G
INDUSTRIAL LIGHTING
T 800.285.6780 E sales@ggled.net
www.ggled.net

G&G FULLY INTEGRATED GUARANTEE

OUR PRODUCTS ARE
ENGINEERED
TESTED
MANUFACTURED
ASSEMBLED
& SHIPPED
FROM ONE FACILITY

INDUSTRIAL DRIVERSS LED LINEAR LUMINAIRE

Product Specifications

Construction & Materials

Convenient push-and-click connectors let you easily and rapidly install Leader Cables and Jumper Cables. Multiple cable lengths support a variety of layouts.

Integrated aluminum heat spreader.

Seamless polymeric outer shell provides IP68 ingress protection and is specialized for superior chemical resistance.

All G&G luminaires and components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

Electrical System

Power Factor: 0.9 nominal.

Input Power: Stays consistent over life.

Temperature Rating: Designed to operate in temperatures -40°C to 55°C.

Total Harmonic Distortion: < 20%

Built-In 6KV Surge Protection

Regulatory Qualifications

cULus Listed

UL Listed for Wet Locations

NEMA 4X, NEMA 6P Rated

c UL us LISTED

IP68 INGRESS CERTIFIED

DIRECT AC DRIVERLESS

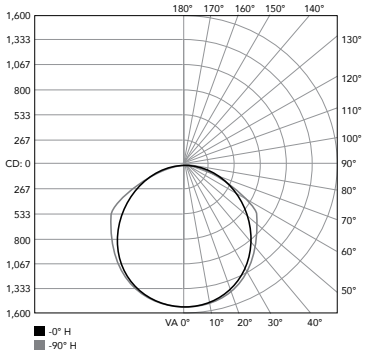
Photometry

TRX Series

Based on DTC Report Test #: 14404-T

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.

Polar Candela Distribution



Zonal Lumen Summary

Zone	Luminaire
0-30	26.2%
0-40	43.2%
0-60	77.4%
0-90	98.5%
0-180	100%

Lumen & Power Data

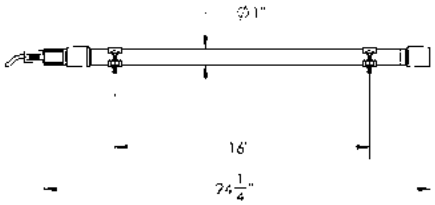
Length & Output	Lumens	Wattage	Amps @120V	Amps @277V
TRX2	2000	16	0.13	0.06
TRX4	4000	32	0.27	0.12

Maximum Fixture Run (Per 1 Leader Cable)

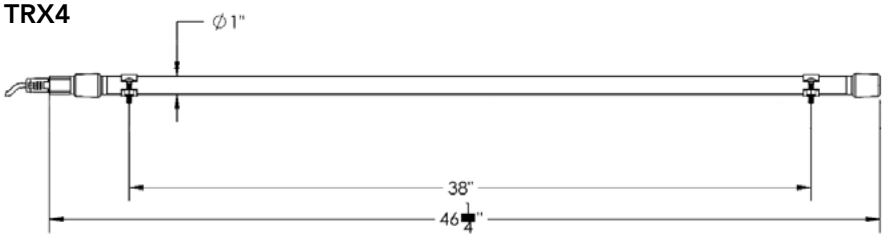
Jumper Cable Length	**TRX2** (120V)	**TRX2** (277V)	**TRX4** (120V)	**TRX4** (277V)
JMP1 (1FT)	60 (179')	110 (339')	34 (169')	65 (324')
JMP4 (4FT)	45 (266')	90 (536')	31 (244')	58 (460')
JMP8 (8FT)	40 (392')	80 (792')	28 (328')	52 (616')

Dimensions

TRX2



TRX4



Rev Date 21 0310