

INSTALLATION AND WIRING DIAGRAM



ORION SERIES

ORION BELT 40W DRIVER

ART. NO

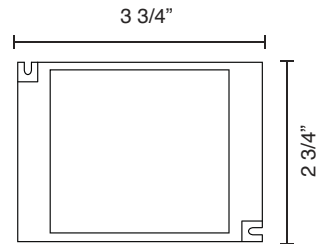
70437 40W DRIVER - LP1040 -24

DRIVER MANUFACTURER

HIGH PERFECTION TECH.

Technical Specs:

100-240V AC, 50/60Hz input
 24V DC output
 40VA, 40W for 32ft max (White, Warm White, Blue, and Green)
 40VA, 40W for 54ft max (Red and Amber)
 Operating temperature: -22°F to 140°F
 Class II rated
 Suitable for damp location
 Short circuit protection
 Overload protection
 Over-voltage protection
 Thermal protection



IMPORTANT SAFETY INSTRUCTIONS



1. THIS PRODUCT MUST BE INSTALLED BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED, IN ACCORDANCE WITH THE LOCAL AND NATIONAL CODE.
2. Suitable for damp location.
3. Turn off power prior to any work on the systems.
4. Warranty is void in case of unauthorized modifications and/ or improper use.

READ ALL OF THESE INSTALLATION INSTRUCTIONS BEFORE INSTALLING THE FIXTURE

Mounting the Driver

Mount the driver directly to the wall with #8 or #10 pan head screws. The driver must be mounted in a area that allows for accessibility after installation and must not be adjacent to combustible materials or in an area that exceeds temperatures of 50°C (122°F). Mount the driver indoors, out of the weather, and do not leave it exposed to rain or water. For indoor, outdoor, or wet locations the driver can be enclosed inside of a raceway, inside the channel letter itself, in a UL listed for wet locations transformer box, or in a NEMA 3R box with ventilation.

Extension of Driver Leads

If a longer lead wire from the driver to the LED fixture is needed, an extension can be used. The extension should be kept as short as possible (under 15 feet for 18 AWG UL listed, or under 50 feet for 14 AWG UL listed.)

Connecting the Primary

After securely mounting the driver, attach the wires from the 120VAC input to the driver and terminate the wires using the blue wire nut wire connectors supplied. Have the primary connected by a licensed electrician in accordance with local and national codes.

Connecting the Power Feed

Once the driver is mounted, attach the wires from the 24VDC output to the power feed. Purple wire is + and black wire is -.

WARNING

After all wiring is complete and the lighting modules are connected to the driver, RECHECK THE POLARITY OF ALL CONNECTIONS. Reverse polarity connections may damage the LED modules and voids the product of warranty. Before attaching Orion Belt Power Feed to the track, test voltage at Power Feed. Voltage at Power Feed should be 24 Volts.

