ORION™

LED-ORION

HIGH-VISIBILITY LED ALERT SYSTEM

Orion™ adds bright, continuous LED visibility to commercial motorized sectional and rolling steel doors. Mounted along the door's bottom edge, Orion provides a clear visual signal of door presence and movement. This always-on illumination complements sensing edges, photo eyes, and light curtain systems to improve awareness among pedestrians, drivers, and equipment operators in busy environments. Available in multiple lengths, Orion installs easily on the interior of the door for a clean appearance and a straightforward retrofit, delivering reliable, long-lasting performance with minimal maintenance.

Door LED Controller Box

APPLICATIONS

· Standard and high-performance:
  - Motorized sectional doors
  - Motorized rolling steel doors

Note: Not recommended for high-speed doors

FEATURES

· Always-on LED light strip: Continuous brightness for clear visibility during operation.
· Flexible fit: Available in multiple lengths to accommodate most door widths.
· Versatile design: Kits designed to work with both sectional and rolling steel doors.
· Interior mounting: Installs inside the door without affecting exterior appearance.
· Low-maintenance: Long-life LEDs deliver reliable performance with minimal service needs.
· Straightforward retrofit: Ideal for simple visibility upgrades—pair with sensing edge, photo eyes, or light curtains.
· 2-year warranty

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GENERAL SPECIFICATIONS

LED STRIP

Brightness	Red: 532 lm/m	Green: 2,392 lm/m
Signaling	Door Opened: Solid green (constant)	Door Closed: Solid red (constant)
	Door Opening: Flashing red	Door Closing: Flashing red
Lifespan	8-10 years	

PERFORMANCE

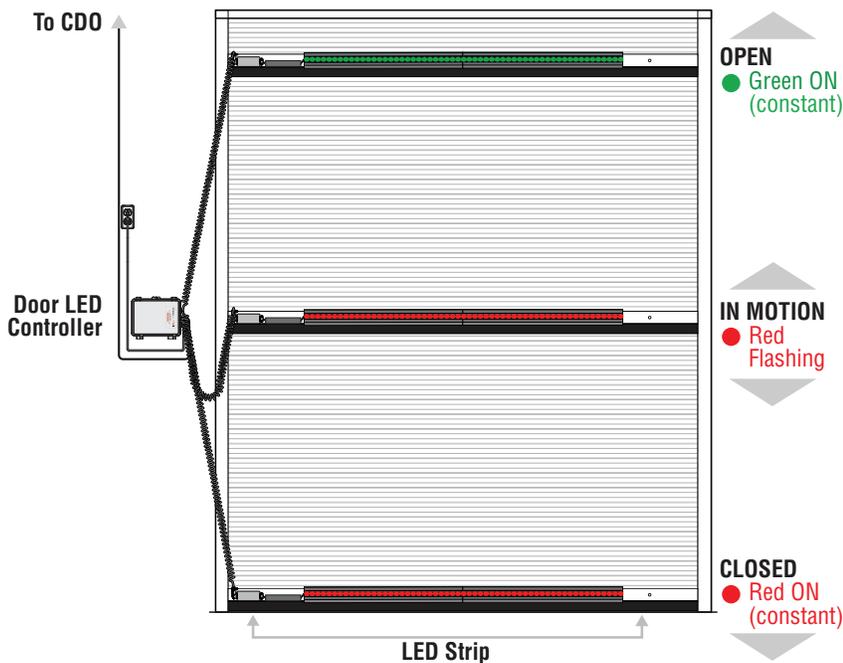|	
Activation	Hardwired to the commercial door operator through the Door LED Controller
Operating Temperature	-30° to +140°F (-34° to 60°C)

ELECTRICAL

Power Source	115-230V power supply, 24V LED

PHYSICAL

Dimensions	Controller box: 7 W x 9.5 H x 4 D-in. (178 x 241 x 102 mm)	LED strip length by model: - LED-ORION-24-K8: 8-ft. 4-in. (2.54 m) - LED-ORION-24-K10: 9-ft. 8-in. (2.95 m) - LED-ORION-24-K12: 11-ft. 8-in. (3.56 m) - LED-ORION-24-K14: 14-ft. 0-in. (4.27 m)
Cable Lengths	LED strip cable: 1-ft. (0.3 m) LED strip extension cable: 4-ft. (2.4 m)	CDO signal cable: 20-ft. (6.1 m) Power supply cable: 3-ft. (0.9 m)
Weight (door mounted components)	Universal mounting channel: 9.2 oz./piece Rolling steel door channel clip: 5.2 oz./piece LED strip: 0.9 oz./ft.	Raceway: 1.9 oz. Junction box and components: 7.3 oz. Coil cord: 15.25 oz.
Material	LED Strip: UV protected silicone sheath	Mounting Channels: High density rigid PVC
LED Indicators	Door Opened: Solid green (constant) Door Opening: Solid white (constant)	Door Closed: Solid red (constant) Door Closing: Solid white (constant)
Mounting	Sectional doors: Universal mounting channel surface mounted with appropriate fasteners	Rolling steel doors: Universal mounting channel + rolling door channel clips
Degree of Protection	LED strip: IP67	Door LED Controller Box: NEMA 4

INSTALLATION + LED SIGNALING

To CDO

Door LED Controller

LED Strip

OPEN
● Green ON (constant)

IN MOTION
● Red Flashing

CLOSED
● Red ON (constant)

MODEL OPTIONS

For Sectional Doors (section width)
· 8' 6" to 10': LED-ORION-24-K8
· 10' 1" to 12': LED-ORION-24-K10
· 12' 1" to 14' 5": LED-ORION-24-K12
· Larger than 14' 6": LED-ORION-24-K14

For Rolling Steel Doors (opening width)
· 9' to 10' 11": LED-ORION-24-K8
· 11' to 12' 4": LED-ORION-24-K10
· 12' 5" to 14' 8": LED-ORION-24-K12
· Larger than 14' 9": LED-ORION-24-K14

MOUNTING

Rolling Steel Doors
Installs on Bottom Bar
with Channel Clip

Sectional Doors
Installs with
Self-Drilling Screws