GRIFCO®

POWERING COMMERCIAL DOORS

WARNING SYSTEMS
PEDESTRIAN AND VEHICULAR TRAFFIC MANAGEMENT

LED Traffic Signal

## Stop or Go. The perfect addition for a carpark or high-traffic door.

LED traffic lights are suitable for a variety of applications where there is high vehicular or pedestrian movement. Perfect for locations such as emergency services facilities, car parks, mine sites, car and truck washes and general industrial applications, the LED Traffic Signal is extremely versatile, adaptable and durable.

Made from quality materials, the traffic lights are dust proof and weatherproof. The LEDs have exceptional life and require no maintenance or replacement. The rated lifetime is up to an impressive 80,000 hours. The bright red and green LEDs will operate at very low voltages, making them ideal for use in harsh environments or where safety is paramount.

At just 100mm in diameter, the LED light units are very compact, making them ideal for applications where space is limited. The adjustable bracket is easy to fix and allows the unit to swivel 180°, ideal for acute installation angles and various mounting methods.

These traffic lights can be easily integrated into a commercial door automated system with the S-Drive Sectional Door Operator and the eDrive +2.0 Roller Shutter Operator via the Expansion Board accessory.

| Specifications	LED Traffic Signal
Voltage	12V-24V DC, 240V AC
Current Draw	480mA (@ 12VDC), 250mA (@ 24VDC)
Cable Size	Max 2.5mm² (x1)
Temp	-25° C to +70°C
IP Rating	IP55
Number of LEDs	45 per aspect (90 in total)
Dominant Wavelength	Red 625nm +/- 5, Green 505nm +/- 2
Material	Polycarbonate, UV Stabilised
Average LED Life	80,000 hrs
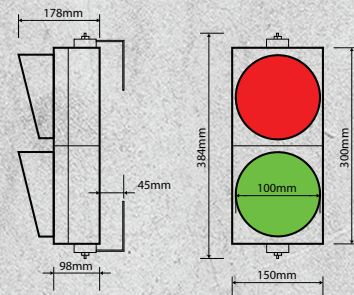
LED Traffic Signal

Part No.	Description
LED Traffic Signal | IP55 | 12V - 24V	
TL24	LED Traffic Light LED Red / Green
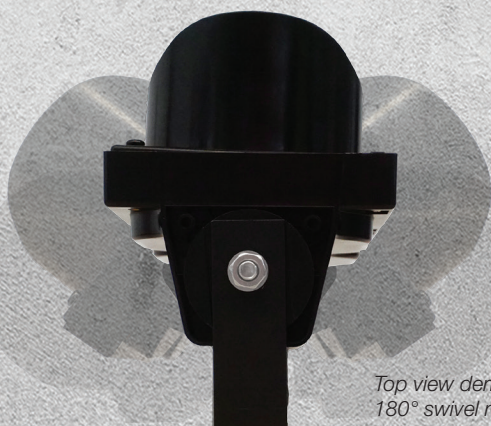
Top view demonstrating 180° swivel mounting.

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Flashing Lights & Sounders

Simple warning systems to improve safety and traffic management.

Grifco's easy to specify range of warning systems are perfectly suited to compliment commercial door installations in need of pedestrian and traffic management. They are ideal for increasing safety and security and can easily be added to the full range of Grifco commercial door operators.

The low voltage versions connect directly to the operator whereas the 240V versions require a separate power supply. Depending on the operator, the flashing lights and sounders can be programmed to operate simply when the motor is running or under certain conditions. For example with an S-Drive or eDrive +2.0 (with expansion board) they can be programmed to operate via a relay only when the door is closing or only when it is fully open.

All units are IP rated to withstand inclement weather conditions and are very easy to install and connect to the operator. The flashing light provide bright, moving light to attract attention when the door is moving, whilst the sounder provides audible attention, ideal for public carparks, emergency services facilities and warehouses.

Specifications	Low Voltage Models	240V Models
Flashing Light		
Voltage	12V - 24VDC	240VAC
Current Draw	88mA (@ 24VDC)	112mA
Cable Size	Max 2.5mm² (x1)	Max 2.5mm² (x1)
Temp	-25° C to +70°C	-10° C to +55°C
IP Rating*	IP54	IP65
Sounder		
Voltage	12V - 24VDC	240VAC
Current Draw	10mA - 32mA (@ 24VDC)	112mA
Cable Size	Max 2.5mm² (x1)	Max 2.5mm² (x1)
Temp	-25° C to +70°C	-10° C to +55°C
IP Rating*	IP54	IP65
dB	100dB - 112dB	100dB - 112dB
Tones	32 Selectable	32 Selectable

* IP Rating based on vertcial (wall) mounting

Flashing Lights

| Part No.	Description
Flashing Light | IP54 | 12V - 24V	
GWS-L24R	Flashing Light LED 24V Red
GWS-L24Y	Flashing Light LED 24V Yellow
GWS-L24G	Flashing Light LED 24V Green
Flashing Light | IP65 | 240V	
GWS-L240R	Flashing Light LED 240V Red
GWS-L240Y	Flashing Light LED 240V Yellow
GWS-L240G	Flashing Light LED 240V Green

Sounders

Part No.	Description
Sounder | IP54 | 24V	
GWS-S24	Sounder 24V 100 - 112dB
Sounder | IP65 | 240V	
GWS-S240	Sounder 240V 100 - 112dB
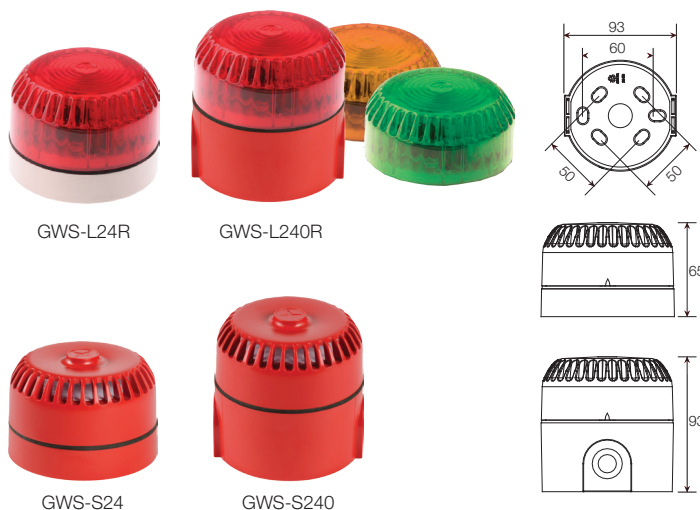
GWS-L24R   GWS-L240R

GWS-S24   GWS-S240

93
60
50 50
65
93
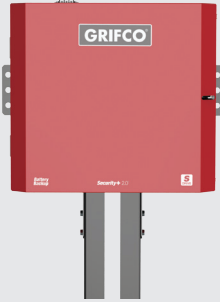
Operator Compatibility

Compatibility with
Grifco commercial door operators.

Please consult the relevant operating manuals for detailed configuration and compatibility options for each device.

	S-Drive	LS-Drive	eDrive +2.0 with Expansion Board (Inc. mDrive and other operators with mechanical limits, when controlled by GLMe2 with Expansion Board)
LED Traffic Signal 12V - 24V	Power can be sourced directly from operator's 24V supply and operated via onboard relays. Green is illuminated at open limit. Red is illuminated at closed limit. Red flashes when door is moving and 5 sec prior to auto-close.	Not compatible.	Requires separate 12V - 24V power supply and operated via onboard relays. Typical configuration: Green is illuminated at open limit. Red is illuminated at closed limit and flashing when door is moving.
Flashing Light and Sounder 12V - 24V	Power can be sourced directly from operator's 24V supply. Two options: Use switched (SW) supply for operation when door moving. Use Continuous (ON) supply to operate via onboard relay under certain conditions. (eg at open limit, when moving etc).	Power can be sourced directly from operator's 24V supply. Device will operate when door moving.	Power can be sourced directly from operator's 24V supply. Operate via onboard relay under certain conditions. (eg at open limit, when moving etc).
Flashing Light and Sounder 240V	Requires separate 240V power supply. Device operates via relay under certain conditions. (eg at open position, when moving etc).	Not compatible.	Requires separate 240V power supply. Device operates via relay under certain conditions. (eg at open position, when moving etc).

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