SignalTech
powered by Federal Signal

VISUAL SIGNALS
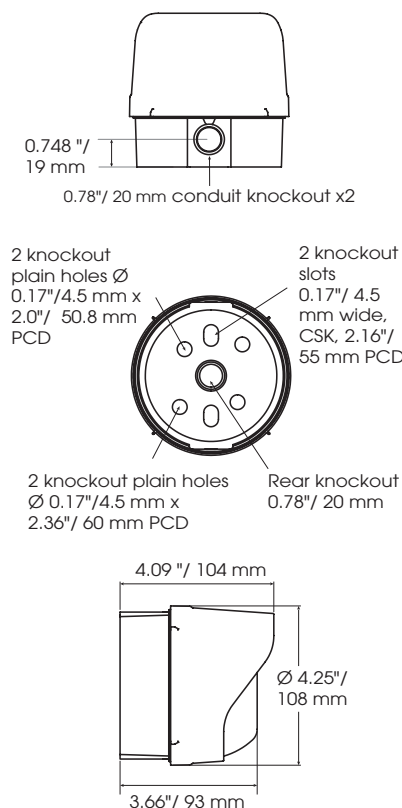## Industrial LED Traffic Light

VALUE SERIES

VS-LED-STL

- Rated for continuous use
- LED long life & extra bright
- Low current consumption
- Suitable for conduit box or wall mounting
- 120° prime light output above the vertical axis
- Multiple modular construction option
- 1, 2 or 3 bracket mounting option
- Dustproof and Weatherproof

0.748 "/ 19 mm

0.78"/ 20 mm conduit knockout x2

2 knockout plain holes Ø 0.17"/4.5 mm x 2.0"/ 50.8 mm PCD

2 knockout slots 0.17"/ 4.5 mm wide, CSK, 2.16"/ 55 mm PCD

2 knockout plain holes Ø 0.17"/4.5 mm x 2.36"/ 60 mm PCD

Rear knockout 0.78"/ 20 mm

4.09 "/ 104 mm

Ø 4.25"/ 108 mm

3.66"/ 93 mm

Available in the following colors:

A   G   R

RoHS   CE

Models VS-LED-STL Traffic Lights are ideal for industrial and commercial applications where a low maintenance, long life and cost effective solution for parking facilities, factory traffic control, automated gates and door control systems are required.

VS-LED-STL models are intended for indoor or outdoor applications and incorporate 36 high output LED's. These models can be surface mounted onto any flat vertical surface, conduit box or can be used as a stand-alone module. Alternatively, the traffic light's modular design allows for multiple units to be pre-assembled to create a multiple indication light system. The standard model includes all components required for a multiple assembly, surface mount installation.

External input signals or PLC control is required to switch external input signals or PLC control to switch visual indication functions (not supplied). The amber model includes an optional jumper link on the PCB that allows the unit to flash once powered. Cable termination is inside the enclosure and can be accessed via either the 2 x M20 conduit knockouts (top or bottom) or 1 x M20 rear conduit entry.
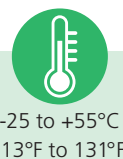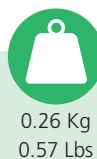
ORDERING INFORMATION

MODEL	VOLTAGE	LIGHT SOURCE	CURRENT
VS-LED-STL-08-20*	8-20VAC/DC	36 SMT LEDs	240mA @ 12V DC
VS-LED-STL-20-30*	20-30VAC/DC	36 SMT LEDs	120mA @ 24V DC
VS-LED-STL-35-85*	35-85VAC/DC	36 SMT LEDs	76mA @ 48V DV
VS-LED-STL-85-280*	85-280AC	36 SMT LEDs	35mA @ 230V AC

* Indicates color: (A) Amber, (G) Green or (R) Red

See Optional Accessories on next page

1 Year Warranty	0.26 Kg 0.57 Lbs	-25 to +55°C -13°F to 131°F	IP 65	50/60 Hz

Multiple Modular Assembly Options & Electrical Control

Each individual model includes a modular adaptor kit that allows for simple and easy multiple unit construction. Unused components can be recycled. The adaptor kit consists of 1 x M20 male/ male adaptor, 2 x locknuts and 2 x external sealing washers replace all copy here with this:

WHEN CONFIGURING A MULTI-UNIT

1. Remove appropriate M20 knockouts on the side of the bases to allow for multi base connection.

2. Remove appropriate M20 knockout for power input into one base.

3. Remove appropriate knockouts for fixing/mounting points to be used.

Connect modules as required using the adaptor kit(s) supplied. Do not over tighten the locknuts. Secure the base(s) to a vertical mounting point or conduit box utilizing mounting gasket(s) supplied.

Control and termination connectors are on each PCB inside each unit. Units take up to 2.5mm cable strands and allows for loop in / loop out connection if needed.

Optional mounting brackets are available to mount single, double or triple units. This allows the units to be off set against the mounting structure giving the traffic light module(s) 180° angle of movement.

Factory assembled and pre-wired units incorporating mounting brackets can be purchased complete.
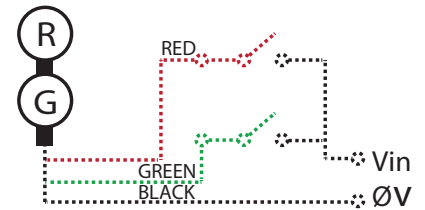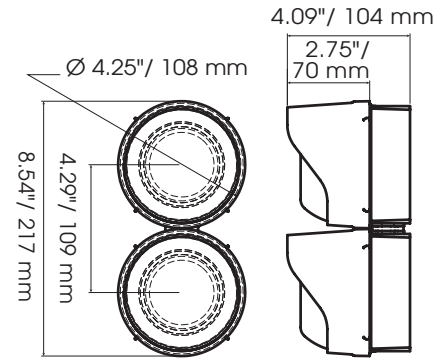
For additional information on this unit, contact Customer Support.

OPTIONAL ACCESSORIES

VS-TL-SB	Single Traffic Light Mounting Bracket
VS-TL-DBK	Double Traffic Light Mounting Bracket
VS-TL-TBK	Triple Traffic Light Mounting Bracket

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DOUBLE TRAFFIC LIGHT, SURFACE MOUNT

4.09"/ 104 mm
2.75"/ 70 mm
Ø 4.25"/ 108 mm
4.29"/ 109 mm
8.54"/ 217 mm

R
G
RED
GREEN
BLACK
Vin
ØV

TRIPLE TRAFFIC LIGHT, SURFACE MOUNT

4.09"/ 104 mm
2.75"/ 70 mm
Ø 4.25"/ 108 mm
8.54"/ 217 mm
4.29"/ 109 mm
12.79"/ 325 mm

R
A
G
RED
YELLOW
GREEN
BLACK
Vin
Øv