

## L52 2C - Two colours

Thank you for choosing a product from Standby.

### Technical Data

Lens	Polycarbonate
Diodes	6+6 high power LED (Section 1 + Section 2)
Cable	2 m, basic version
Power	10-30 V DC
Ambient temperature	-40°C to +85°C
Power consumption	0.8 A peak at 13.8 V 0.4 A peak at 27.6 V
Size	113 x 28 x 9 mm
Approvals	Light: ECE R65 (E5), SAE J595 Class 1, SAE J578 EMC: ECE R10 (E5) IP6K9K
Included	1 x L52 Lamp 2C 1 x Gasket 1 x Assembly kit
Synchronizing	12 V: Up to 12 lamps 24 V: Up to 8 lamps



### WARNING

Risk of eye damage. Do not look into the beam at close range.

### Pre settings

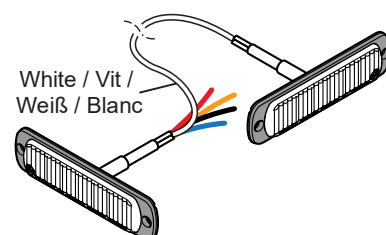
Part number	Section 1 Blue cable (+)			Section 2 Orange Cable (+)		
	Colour	Flash pattern	Sync mode	Colour	Flash pattern	Sync mode
45257031	Blue	Double	Simultaneous	Amber	Double	Alternate
45257032	Blue			Red	Steady	
45257033	Blue			White	Steady	
45257034	Blue			Green	Double	
45267031	Red			White	Steady	
45287031	Amber			White	Steady	
45287032	Green			Amber	Double	
45287034	Amber			Red	Position/Brake	

## Connections

The function of each wire depends on selected flash pattern and how the input is configured.

**Table 1. Connections if flash pattern Double/Double, Double/Triple, Double/Steady burn or Triple/Steady burn is selected.**

Wire	Function
<b>Black (-)</b>	Ground
<b>Red (+)</b>	Power supply 10-30 V via 5A fuse
<b>Blue (+)</b>	Activates section 1
<b>Orange (+)</b>	Activates section 2
<b>White</b>	Sync flashing (connect to other lamps)



**Table 2. Connections if flash pattern Steady burn 1/Steady burn 1 is selected.**

Wire	Function
<b>Black (-)</b>	Ground
<b>Red (+)</b>	Power supply 10-30 V via 5A fuse
<b>Blue (+)</b>	Activates section 1
<b>Orange (+)</b>	Activates section 2
<b>White (-)</b>	Changes from Steady burn 1 to Double



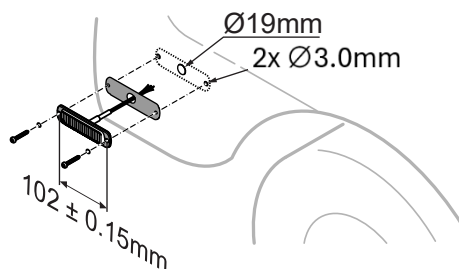
**Table 3. Connections when flash pattern Steady burn 2/Steady burn 2 is selected.**

Wire	Function
<b>Black (-)</b>	Ground
<b>Red (+)</b>	Power supply 10-30 V via 5A fuse
<b>Blue (+)</b>	Activate section 1
<b>Orange (+)</b>	Activate section 2
<b>White (-)</b>	Changes from Steady burn 2 to Triple

**Table 4. Connections for part number 45287034 Amber/Red.**

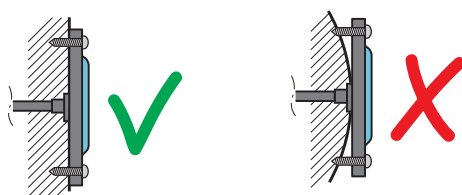
Wire	Function
<b>Black (-)</b>	Ground
<b>Red (+)</b>	Power supply 10-30 V via 5A fuse. Activates section 2 (Red position light)
<b>Blue (+)</b>	Activates section 1 (amber flashing). Deactivates position and brake light
<b>Orange (+)</b>	Activates Red brake light
<b>White (-)</b>	Sync flashing (connect to other lamps)

## Installation



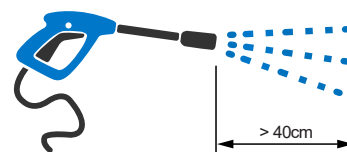
**⚠ CAUTION**

The lamp must be mounted on a flat surface.



To prevent moisture from entering the lamp through the cable end, make sure that the cable end is sealed or located in a dry part of the vehicle.

When using a pressure washer, keep a minimum distance of 40 cm.



## Configuration of the lamps – Enter configuration mode

1. Disconnect lamp from power supply
2. Connect the red wire to 10-30 V DC via a 5 A fuse
3. Connect the black wire to ground.
4. Within 1 to 6 sec: temporarily connect the **white wire** to **ground** and let it stay connected for at least 2 sec and the configuration mode is entered.

## Change Flash pattern

1. In configuration mode, set the desired flash pattern by using **white wire** to just touch and then release **ground**. Every touch changes to the next pattern.
2. The number of **blank** flashes (lamp off) shows the current flash pattern setting. See Flash pattern table below.
3. Disconnect the power supply to save the selected settings and exit configuration mode.

Blank flashes per flash sequence	Flash pattern	
	Section 1	Section 2
1	Double	Double
2	Triple	Triple
3	Double	Steady burn
4	Triple	Steady burn
5	Steady burn 1	Steady burn 1
6	Steady burn 2	Steady burn 2
7	No function	No function
8 (Only possible for 45287034)	Double	Position-/Brake light

### Change Sync mode

1. In configuration mode set desired sync mode by using **blue wire** to just touch and then release **ground**. Every touch changes to the next sync mode.
2. The number of **bright** flashes (lamp on) of section 1 per flash sequence shows the current sync mode setting. See Sync mode table below.
3. Disconnect the power supply to save the selected settings and exit configuration mode

Bright flashes (section 1) per flash sequence	Sync mode	
	Section 1	Section 2
1	Simultaneous	Alternate
2	Alternate	Simultaneous
3	Alternate	Alternate
4	Simultaneous	Simultaneous

### Change Input on Blue and Orange Wire

1. In configuration mode set the desired input for the blue and the orange wire by using orange wire just to touch and then release ground. Every touch changes to next option.
2. The number of **bright** flashes of section 2 in the flash sequence show the current setting. See table below.
3. Disconnect the power supply to save the selected settings and exit configuration mode.

Bright flashes (section 2) per flash sequence	Input Blue wire	Input Orange wire
	Section 1	Section 2
1	Positive (+) input	Positive (+) input
2	Ground (-) input	Ground (-) input
3	Positive (+) input	Ground (-) input
4	Ground (-) input	Positive (+) input

### Factory Reset

1. Enter configuration mode
2. Connect **blue and white** wire to **ground** and let them stay connected for at least 2 seconds.
3. The reset is confirmed with a bright steady light for 2-3 seconds.
4. Disconnect the power supply to save the selected settings and exit configuration mode.

### Factory Settings

Flash pattern	Sync mode	Input Blue wire / Orange wire
Double/Double	Simultaneous/Alternate	Ground (-) input / Ground (-) input