



## BRIEF INFORMATION

High-performance warning light  
BST / BST-V / BST-Slim / BST-V-Slim

- 3 or 6 LEDs, also available as super-flat Slim and in a short variant
- ECE-R65 and ECE-R10 approved
- Multivolt 11-30 V
- Various flashing patterns, day/night variant also available
- Flat, compact design enables easy installation
- Can be synchronized with two or more units
- Same mounting pattern for the surface mounted flashers

# PRODUCT FEATURES

## High variant diversity

The BST is suitable for horizontal and the BST-V for vertical mounting. In addition to the standard variant with 3 or 6 LEDs, there is also a variant with 6 LEDs and day/night mode. Also available are super-flat "Slim" variants with 3 or 6 LEDs

## Various flashing sequences

The flashing sequences can be set to a synchronous or alternating signal. For the ECE variants there are five flashing patterns available:

- Single flash (ECE-R65 approved)
- Double flash (ECE-R65 approved)
- Triple flash (ECE-R65 approved)
- Quadruple flash (ECE-R65 approved)
- Continuous light

## Intensive warning signal

Optimum signaling effect through the combination of 3 or 6 power LEDs and a high quality precision lens. In the day/night variant with 6 power LEDs, 2 different light levels can be set depending on the ambient light.

## Type approval

All HELLA BST and BST-V flashers are ECE-R65 type-tested and have the necessary approvals. They are also SAE approved.

## Easy installation

The BST, BST-V, BST-Slim and BST-V-Slim warning lights feature a flat and compact design.

The two different housing variants

- housing with screw holes for surface mounting
- housing with bracket mounting

allow for straightforward and flexible mounting in almost any installation situation. Surface mounted BST are interchangeable between standard and Slim versions, for 3 and 6 LEDs.

View the installation video at:

[www.hella.com/municipal](http://www.hella.com/municipal)

[www.hella.com/emergency](http://www.hella.com/emergency)



# BST / BST-V WARNING LIGHT 6 LED

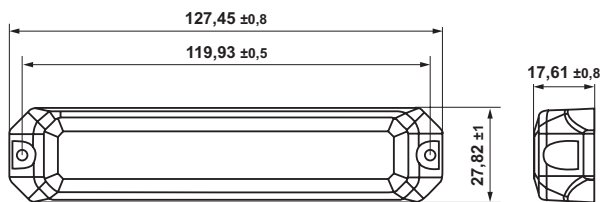
## Technical data

		BST / BST-V 6 LED Standard	BST 6 LED Day/night mode
Multivoltage		11 – 30 V	
Operating temperature		-40 °C to +60 °C	
Protection class		IP 5K4K, IP 9K, IP 6 K9K	
Overvoltage protection		Yes	
Power consumption		7 – 14 W	
<b>Current consumption</b>			
Amber	12 V	0.78 A	1.1 A
	24 V	0.40 A	0.55 A
Blue	12 V	0.87 A	1.1 A
	24 V	0.58 A	0.55 A
Red	12 V	0.80 A	-
	24 V	0.40 A	-
White	12 V	1.15 A	-
	24 V	0.58 A	-
<b>Type approval</b>			
Lighting technology homologation		ECE-R65 XA1, XB1, XR1	ECE-R65 XA2, XB2
EMC protection		ECE-R10, CISPR 25 Class 5	ECE-R10, CISPR 25 Class 3
K approval (Article 53, German Road Traffic Licensing Regulations (StVZO))		Yes*	

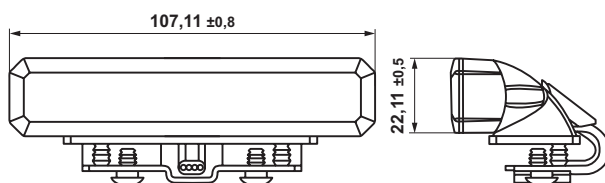
\*Applies to amber only

## Dimensional sketches

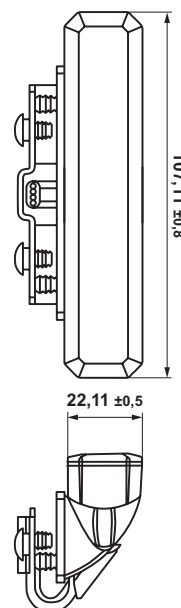
Surface mounting BST 6 LED



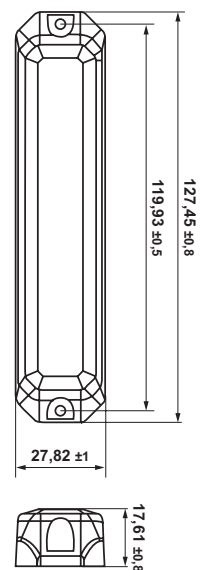
Bracket mounting BST 6 LED



Bracket mounting BST-V 6 LED




Surface mounting BST-V 6 LED








# RANGE OVERVIEW

## BST WARNING LIGHT

	2XD 012 160-861	Amber	Bracket mounting	6 LED	ECE	2 units
	2XD 014 560-401	Amber	Bracket mounting Day/night mode	6 LED	ECE	2 units
	2XD 012 160-851	Amber	Surface mounting	6 LED	ECE	2 units
	2XD 014 560-201	Amber	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 012 160-811	Blue	Bracket mounting	6 LED	ECE	2 units
	2XD 014 560-101	Blue	Bracket mounting Day/night mode	6 LED	ECE	2 units
	2XD 012 160-801	Blue	Surface mounting	6 LED	ECE	2 units
	2XD 014 560-001	Blue	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 012 160-831	Red	Bracket mounting	6 LED	ECE	2 units
						
	2XD 012 160-821	Red	Surface mounting	6 LED	ECE	2 units
						
	2XD 012 160-881	White	Bracket mounting	6 LED	SAE	2 units
						
	2XD 012 160-871	White	Surface mounting	6 LED	SAE	2 units
						

## BST-V WARNING LIGHT

	2XD 012 160-961	Amber	Bracket mounting	6 LED	ECE	2 units
	2XD 012 160-951	Amber	Surface mounting	6 LED	ECE	2 units
	2XD 012 160-911	Blue	Bracket mounting	6 LED	ECE	2 units
	2XD 012 160-901	Blue	Surface mounting	6 LED	ECE	2 units
	2XD 012 160-981	White	Bracket mounting	6 LED	SAE	2 units
	2XD 012 160-971	White	Surface mounting	6 LED	SAE	2 units

# BST-SLIM / BST-V-SLIM WARNING LIGHT

## 6 LED

### Technical data

#### BST-Slim / BST-V-Slim 6 LED Day/night mode

Multivoltage	11 – 30 V
Operating temperature	-40 °C to +80 °C
Interference suppression	Conducted class 5 (CISPR 25)
Protection class	IPX7, IPX9K
Overvoltage protection	Yes
Power consumption	13 – 17 W

#### Current consumption\*\*

Amber	12 V	1.4 A
	24 V	0.7 A
Blue	12 V	1.4 A
	24 V	0.7 A
Red	12 V	1.1 A
	24 V	0.55 A
White	12 V	1.4 A
	24 V	0.7 A

#### Type approval

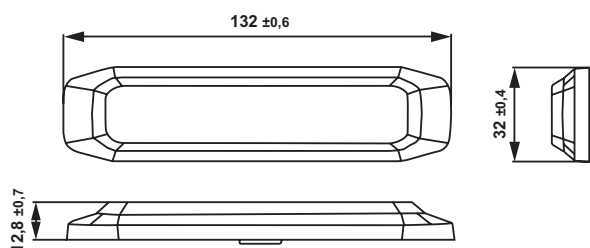
Lighting technology homologation	ECE-R65 XA2, XB2 and XR2
EMC protection	ECE-R10, CISPR 25 Class 5
K approval (Article 53, German Road Traffic Licensing Regulations (StVZO))	Yes*

\*Applies to amber only

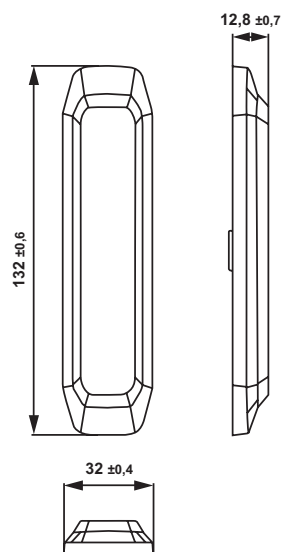
\*\*The product is still under development, data might differ

### Dimensional sketches

Surface mounting BST-Slim 6 LED







Surface mounting BST-V-Slim 6 LED







# RANGE OVERVIEW

## BST-SLIM WARNING LIGHT

	2XD 014 562-201	Amber	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 014 562-401				SAE	
	2XD 014 562-001	Blue	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 014 562-101				SAE	
	2XD 014 562-601	Red	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 014 562-701				SAE	
	2XD 014 562-901	White	Surface mounting Day/night mode	6 LED	SAE	2 units

## BST-V-SLIM WARNING LIGHT

	2XD 014 592-201	Amber	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 014 592-401				SAE	
	2XD 014 592-001	Blue	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 014 592-101				SAE	
	2XD 014 592-601	Red	Surface mounting Day/night mode	6 LED	ECE	2 units
	2XD 014 592-701				SAE	
	2XD 014 592-901	White	Surface mounting Day/night mode	6 LED	SAE	2 units

# BST / BST-SLIM WARNING LIGHT

## 3 LED

### Technical data

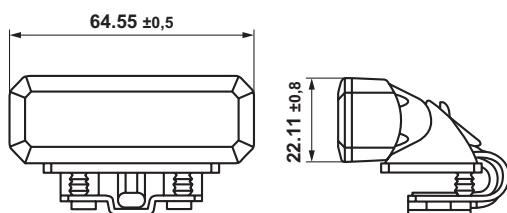
	BST 3 LED Standard	BST-Slim 3 LED Standard	
Multivoltage	11 – 30 V		
Operating temperature	-40 °C to +60 °C	-40 °C to +80 °C	
Protection class	IPX7, IPX9K		
Overvoltage protection	Yes		
Power consumption	7 – 14 W		
<b>Current consumption**</b>			
Amber	12 V	0.68 A	0.7 A
	24 V	0.34 A	0.35 A
Blue	12 V	0.68 A	0.7 A
	24 V	0.34 A	0.35 A
Red	12 V	0.51 A	0.54 A
	24 V	0.26 A	0.27 A
White	12 V	0.68 A	0.7 A
	24 V	0.34 A	0.35 A
<b>Type approval</b>			
Lighting technology homologation	ECE-R65 XA1, XB1 and XR1		
EMC protection	ECE-R10, CISPR 25 Class 3	ECE-R10, CISPR 25 Class 5	
K approval (Article 53, German Road Traffic Licensing Regulations (StVZO))	Yes*		

\*Applies to amber only

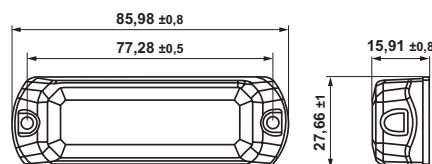
\*\*The product is still under development, data might differ

### Dimensional sketches

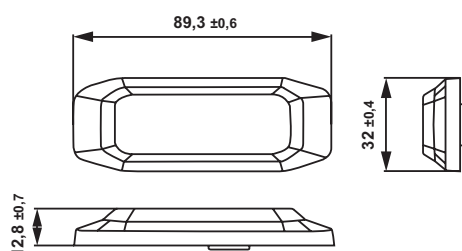
Bracket mounting BST 3 LED



Surface mounting BST 3 LED











Surface mounting BST-Slim 3 LED









# RANGE OVERVIEW

## BST WARNING LIGHT

	2XD 014 561-401	Amber	Bracket mounting	3 LED	ECE	2 units
	2XD 014 561-201	Amber	Surface mounting	3 LED	ECE	2 units
	2XD 014 561-101	Blue	Bracket mounting	3 LED	ECE	2 units
	2XD 014 561-001	Blue	Surface mounting	3 LED	ECE	2 units
	2XD 014 561-701	Red	Bracket mounting	3 LED	ECE	2 units
	2XD 014 561-601	Red	Surface mounting	3 LED	ECE	2 units
	2XD 014 561-901	White	Bracket mounting	3 LED	SAE	2 units
	2XD 014 561-801	White	Surface mounting	3 LED	SAE	2 units

## BST-SLIM WARNING LIGHT

	2XD 014 563-201	Amber	Surface mounting	3 LED	ECE	2 units
	2XD 014 563-401				SAE	
	2XD 014 563-001	Blue	Surface mounting	3 LED	ECE	2 units
	2XD 014 563-101				SAE	
	2XD 014 563-601	Red	Surface mounting	3 LED	ECE	2 units
	2XD 014 563-701				SAE	
	2XD 014 563-901	White	Surface mounting	3 LED	SAE	2 units