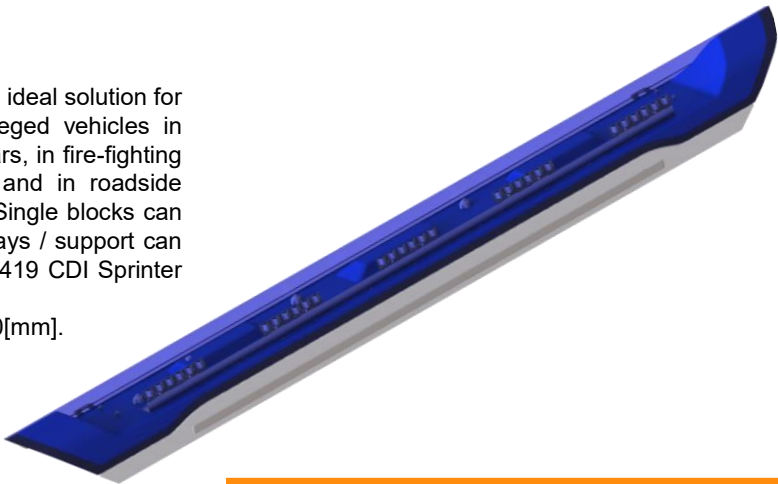


INTRODUCTION

The latest generation of integrated lamp NIVISS, is an ideal solution for additional warning equipment for special and privileged vehicles in road traffic. The lamps are widely applied in police cars, in fire-fighting vehicles, in ambulances, in road service vehicles and in roadside assistance. The lamp can consist of several blocks. Single blocks can work independently. Lamp set with aluminum gear trays / support can be mounted in the vehicle. Dedicated For Mercedes 419 CDI Sprinter with box construction.
For box width 2090[mm] and length from 3350 to 4150[mm].



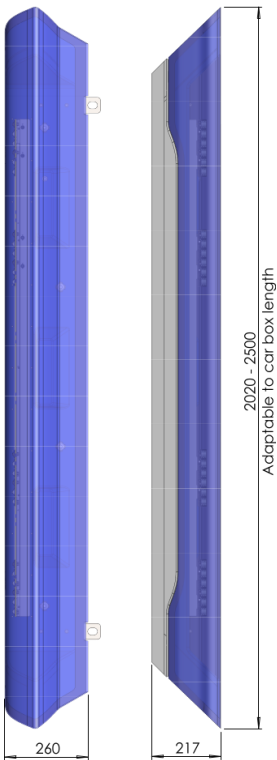
SPECIFICATION

Compliance	R65 class 2 (XB2), R10
Light Color	Blue / Red / Amber / Green / White
No. of Warning Patterns	2
LEDs Famili	CREE, 3W LED
Operating Voltage	10.5 – 15 VDC
Power Supply Type	DC
Max. Power	70W
Avg. Power	35W
Max. Current	8A-13.5V
Avg. Current	6A-13.5V
Number of LEDs	max. 30 (15 + 15)
Ambient Temperature Range	-30°C ÷ 50°C
Lifetime*	≥ 35000 h
*estimated lifetime based on calculated lifetime of cricital component	

FEATURES

- Cree® LEDs
- Reverse polarity protection
- High efficiency
- Blue blinking modules
- Memory recalls last flash pattern
- Memory recalls last flash pattern
- 2 Flash Pattern
- Easy to configure of functionality
- White blinking module 800 lm
- Length adaptable to the length of the car box

DIMENSIONS



APPLICATION

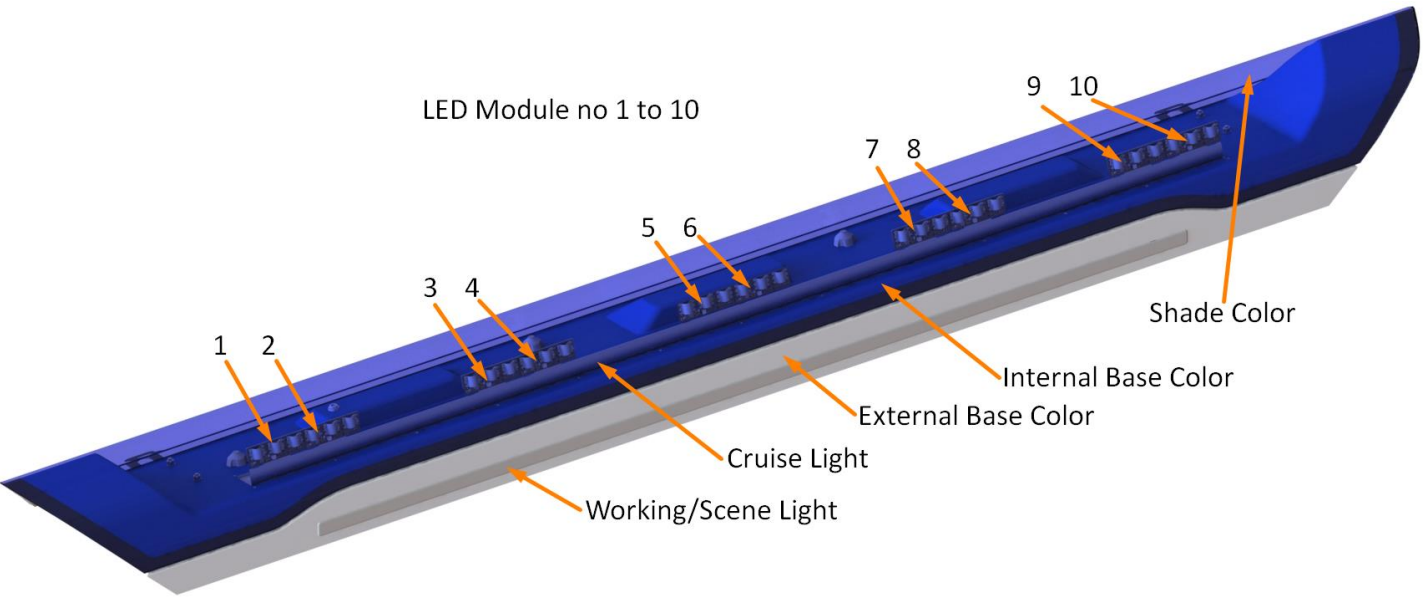
Integrated lamp NIVISS can be widely used in different types of application:

- Car police light
- Ambulance light
- Fire-fighting vehicle light

DataSheet AMB-3



ELEMENTS TO CONFIGURATION



ORDERING CODE

										CUSTOMER CONFIGURATION				
		First Color Side Emergency Modules Configuration		Second Color Emergency Modules Configuration		Working Scene Light		Cruise Light		Customer Configuration Code		Numbers of Emergency Modules Groups		
AMB-3	-	SL SR	-	<u>n</u> <u>S</u> <u>b</u> <u>D</u>	-	<u>n</u> <u>S</u> <u>b</u> <u>D</u>	-	1SC	-	1CL <u>x</u>	-	<u>C</u> <u>y</u>	-	<u>n</u> <u>b</u> <u>G</u>
		SL – Side Left Lamp	<u>n</u> – numbers of LEDs modules of 1st light color [1 to 10] <u>b</u> – light color of LEDs modules: B – Blue A – Amber R – Red G – Green			<u>n</u> – numbers of LEDs modules of 2nd light color [1 to 10] <u>b</u> – light color of LEDs modules: B – Blue A – Amber R – Red G – Green W – White <u>none</u> – no second color of emergency modules		1SC – yes <u>none</u> - no		<u>x</u> – color of cruise light: B – blue A – Amber R – Red G – Green		Define by Producer of lamp. Contains information about: 1. External Base Color (Standard Arctic White) 2. Internal Base Color – Undes Shades (Standard Signal Blue – RAL 5005) 3. Shade Color (Standard Blue) Optional Red or Transparent or Amber 4. Customer Special Requirements		<u>n</u> – numbers of groups [1 or 2 - standard] <u>b</u> – color of emeggency light: B – Blue R – Red A – Amber G - Green
		SR – Side Right Lamp												
Sum of 1st and 2nd LEDs modules can not to be higher than 10														

Example ordering code:

AMB-3-SL-4SBD-4SWD – Left Side Lamp; 4 Blue LEDs Modules; 4 White LEDs Modules; No Scene/Working Light; Standard Configuration (No Cruise Light; White External Base; Blue Internal Base; Blue Shade; 2 Groups Blue LEDs Modules; 2 Groups White LEDs Modules)

LEDs Module no	1	2	3	4	5	6	7	8	9	10
Color/Group	Blue / 1	Blue / 2	White / 1	White / 2	none	none	White / 1	White / 2	Blue / 1	Blue / 2

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LAMPS POSITION ON VEHICLE

