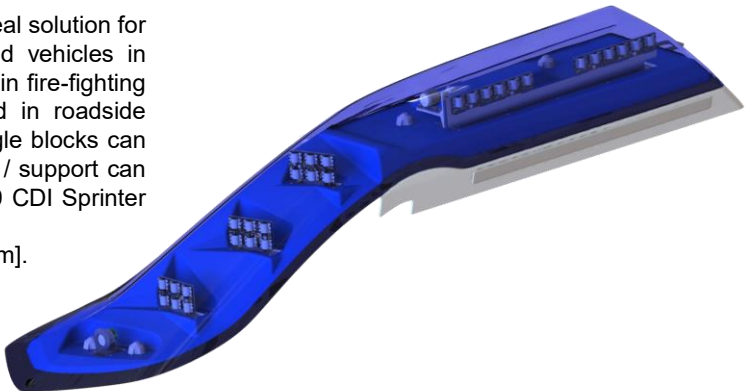


INTRODUCTION

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].



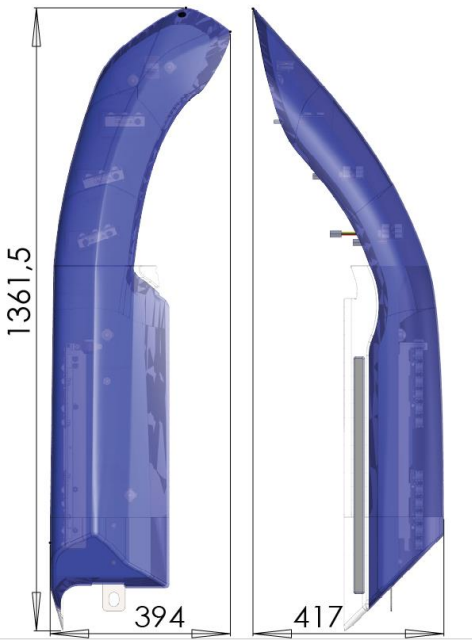
SPECIFICATION

Compliance	R65 class 2 (HTB2), 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	152W (76W + 76W)
Avg. Power	64W (32W + 32w)
Max. Current	11.2A-13.5V
Avg. Current	4.8A-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

DIMENSIONS



APPLICATION

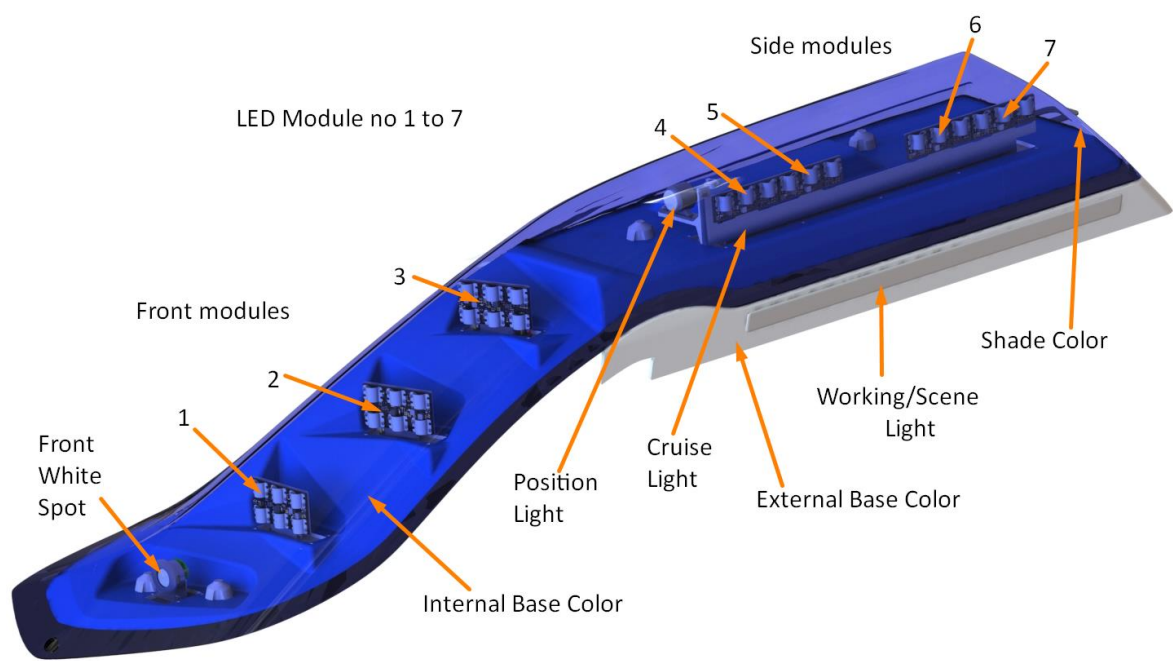
Integrated lamp NIVISS can be widely used in different types of application:

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

DataSheet AMB-1



ELEMENTS TO CONFIGURATION



ORDERING CODE

											CUSTOMER CONFIGURATION							
			Front Emergency Modules Configuration		Side Emergency Modules Configuration		Front White Spot		Working Scene Light		Front Position Light - White		Cruise Light		Customer Configuration Code		Numbers of Emergency Modules Groups	
AMB-1	-	FL FR	-	<u>n</u> <u>F</u> <u>b</u> <u>D</u>	-	<u>n</u> <u>S</u> <u>b</u> <u>D</u>	-	1FW	-	1SC	-	1PW	-	1CL <u>x</u>	-	<u>C</u> <u>y</u>	-	<u>n</u> <u>b</u> <u>G</u>
		FL – Front Left Lamp FR – Front Fight Lamp <u>n</u> – numbers of Front LEDs modules [1 to 3] <u>b</u> – light color of LEDs modules: B – Blue A – Amber R – Red G – Green				<u>n</u> – numbers of Side LEDs modules [1 to 4] <u>b</u> – light color of LEDs modules: B – blue A – Amber R – Red G – Green W – White		1FW – yes none - no		1SC – yes none - no		1PW – yes none - 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 emergency light: B – Blue R – Red A – Amber G – Green

Example ordering code:

AMB-1-FL-3FBD-4SBD-1FW-1SC-1PW – Left Front Lamp; 3 Blue Front LEDs Modules; 4 Side LEDs Modules; Front White Spot; Scene/Working Light; Front White Position Light; Standard Configuration (No Cruise Light; White External Base; Blue Internal Base; Blue Shade; 2 Groups Blue LEDs Modules; 2 Groups White LEDs Modules)

Front LEDs Modules				Side LEDs Modules			
LEDs Module no	1	2	3	4	5	6	7
Color/Group	Blue / 1	Blue / 2	Blue / 1	Blue / 2	Blue / 1	Blue / 2	Blue/ 1

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LAMPS POSITION ON VEHICLE

