TRANSPORT - LCV - TRUCKS & TRAILERS

OE lighting and safety selection

AVAS

September 2024

LCR19 - ROUND LED REAR LAMP

LED · ADR · ECE · EMC · IP69K
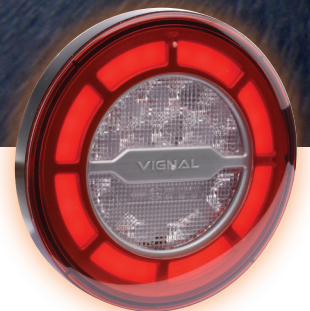
- Ultra compact and thin
- Additional connectors superseal 2 pins
- Integrated resistance + Pulse ISO 13207 (indicator failure control)
- Flashing side marker lamps control (R48 - supp.6) : no need for separate flashing control unit.


Available in black version

TECHNICAL CHARACTERISTICS

Versions	• 3 functions (position glowing, stop, turn indicator) • 2 functions (reverse, fog) • 2 functions + (position glowing, reverse, fog)
Voltage	24V
Source	100% LED no maintenance
Lens material	UV resistant Polycarbonate
Housing material	Polycarbonate
Dimensions	Ø 140 x 45 mm
Bolt distance	45 mm
IP Protection	IP69K
Connector	• AMP MCP 4 ways • Optionnal connectors SUPERSEAL 2 ways
Polarity	Protected against reversed polarity
Approval	ECE R48 horizontal + R10
Dangerous goods	ADR + GGVSE

φ140

45

12.5 12.5

29.5 29.5

29.5

45
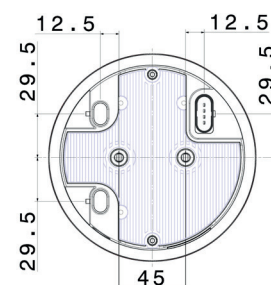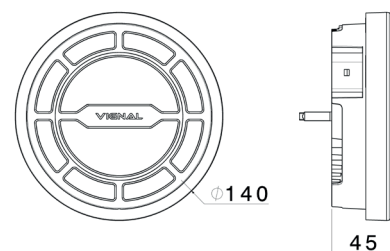
AMP MCP CONNECTOR / CONNECTEUR AMP MCP		
AMP MCP connector detail *Détail connecteur AMP MCP*	**Pinning in connector** *Repérage des fonctions dans le connecteur*	**Function** *Fonction*
	1	Ground / *Masse*
	2	Indicator / *Indicateur* or reverse
	3	Stop / *Stop* or fog
	4	Tail / *Position*

SUPERSEAL CONNECTOR / CONNECTEUR SUPERSEAL		
Superseal connector detail *Détail connecteur Superseal*	**Pinning in the connector** *Repérage des fonctions dans le connecteur*	**Function** *Fonction*
	1	Ground / *Masse*
	2	Additional * / *Repiquage* *

LCR19 - ROUND LED REAR LAMP

PRODUCT P/N	PICTURE	OPTIONS - PRODUCT BACK
213010 **LCR19 3 functions** Glowing position - Stop Indicator Additional connectors Integrated resistance		INTEGRATED RESISTANCE INDICATOR (ISO 13207 INDICATOR FAILURE CONTROL) SIDE MARKER FLASHING LAMPS LICENSE PLATE LAMP EOML
213070 **LCR19 3 functions** Glowing position - Stop Indicator Additional connectors		LICENSE PLATE LAMP EOML
213090 **LCR19 3 functions** Glowing position - Stop Indicator		
213150 **LCR19 2 functions** Reverse - Fog Additional connector		Reverse R23 homologated work light ✅ R23
213160 **LCR19 2 functions** Reverse - Fog		
213200 **LCR19 3 functions** Glowing position - Reverse - Fog		
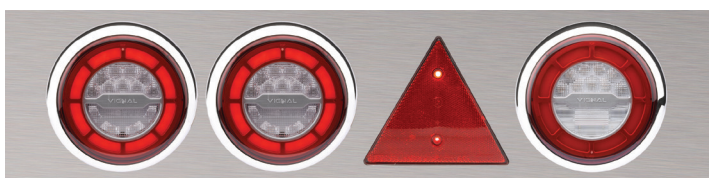
Example of
vehicle mounting

VIGNAL

LC12 LED GLOWING - TRAILER - TRUCKS - OFF ROAD

VIGNAL

LED · ADR · ECE · EMC · IP69K

Trailer version

ULTRA SLIM DESIGN
40 mm width

Truck and off road version

- Ultra compact with 6 regulatory functions: position, stop, dynamic indicator, reverse, fog and reflector.
- Innovative dynamic indicator
- Additional connectors superseal 2 pins
- Integrated resistance (indicator failure control)
- Flashing side marker lamps control (R48 - supp.6) : no need for separate flashing control unit.

Available in black version

Watch video on YouTube

Dynamic Indicator

TECHNICAL CHARACTERISTICS

Voltage	2 versions 12 or 24V
Source	100% LED no maintenance
Lens material	UV resistant Polycarbonate
Dimensions	350 x 130 x 40 mm
Bolt distance	152 mm
IP protection	IP69K
Connector	AMP 1.5 7 pin + SS 2 pins
Approval	E2 18042 + 10R 0516057
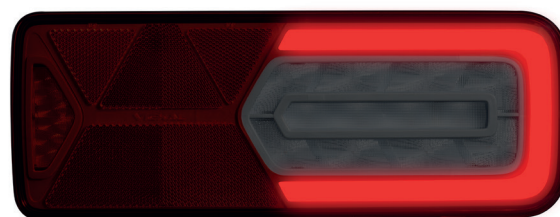
Light signature at night

VIGNAL part number	Voltage	Side	Connector	Additional connectors	Reflector
161280	24V	Left lamp	Rear AMP 1.5	Yes	Triangular reflector for trailers
161290	24V	Right lamp	Rear AMP 1.5	Yes	Triangular reflector for trailers
161420	12V	Left lamp	Rear AMP 1.5	Yes	Triangular reflector for trailers
161430	12V	Right lamp	Rear AMP 1.5	Yes	Triangular reflector for trailers
161500	24V	Left lamp	Rear AMP 1.5	No	Non triangular reflector for other vehicles
161510	24V	Right lamp	Rear AMP 1.5	No	Non triangular reflector for other vehicles
161560	24V	Left lamp	Rear AMP 1.5	Yes	Non triangular reflector for other vehicles
161570	24V	Right lamp	Rear AMP 1.5	Yes	Non triangular reflector for other vehicles
161460	24V	Left lamp	Rear AMP 1.5	Yes	No reflector
161470	24V	Right lamp	Rear AMP 1.5	Yes	No reflector

VIGNAL

LC12 LED GLOWING - LED ACCESSORIES

INTEGRATED RESISTANCE (INDICATOR FAILURE CONTROL)

D11868

4 3

2 1

1+2+4 = 1,5 Amp max
3 = 1 Amp max

FLASHING SIDE MARKER

REVERSE

R23

POSITION

EOML
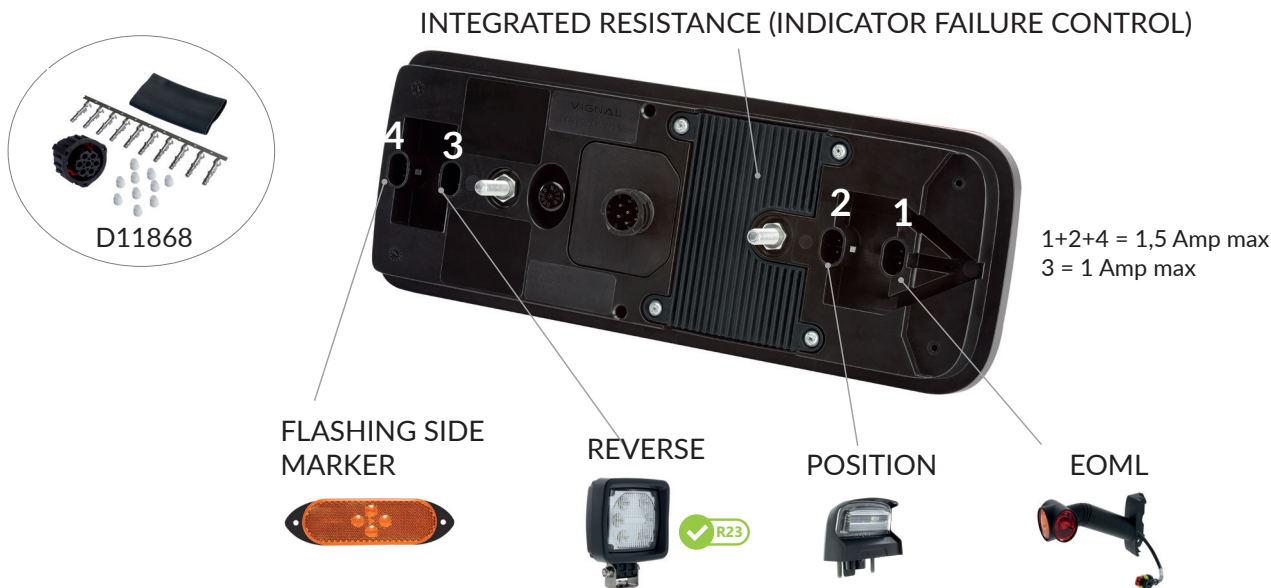
Side markers will flash according to supp 6.R48 regulation if connected to slot N°4

104090 (cable click-in 500 mm)
104100 (cable click-in 1500 mm)
Flashing side marker lamp
To click on flat cable :
R14412 (cable 16m, superseal connector)

D14781 (Left side, Superseal 2 pins)
D14782 (Right side, Superseal 2 pins)
Integrated end-outline marker lamp
Tricolor : cristal, amber, red

D14857 (Deutsch 2 pins)
Work light homologated reverse R23 - SL 1000 LED
To connect with cable :
R14413 (cable 1500 mm, Superseal / Deutsch connector)

199040 (Superseal 2 pins)
License plate lamp
To connect with cable :
D14985 (cable 1500 mm, Superseal / Superseal connector)

VIGNAL

LC9 LED - Multifunctional tail light VOLVO TRUCK / RENAULT TRUCKS

LED ECE CCC

- Original manufacturer spare part.
- Application on VOLVO TRUCKS since 12/2012 / and RENAULT TRUCKS since 12/2017

PART NUMBERS

VIGNAL P/N	Side	Option
158030	Left lamp	License plate lamp
158050	Right lamp	
158040	Right lamp	Reverse alarm
058000	Right/ left lens	
D11868	AMP connector 7-way female connector repair kit	

COMMON TECHNICAL CHARACTERISTICS

Voltage	24V
Source	LED
Functions	Direction indicator, stop, reflector, position, reverse and fog, license plate lamp, reverse alarm
Dimensions	500 x 130 x 86 mm
Bolt distance	160 mm
Fixation	Fixation provided 2 screws M8 x 30 mm
Connector	AMP 1.5 - 7 pin rear connector
Approval	E2 10113 - 10R 036227

VIGNAL

LC11 LED - LC8 - Multifunctional tail light IVECO STRALIS / TRAKKER

ECE **CCC** **ADR**

LC11 LED

LED

LC8

- Original manufacturer spare part.
- Application on IVECO STRALIS / TRAKKER vehicles since March 2016

PART NUMBERS

All LC11 part numbers are available on our website (use the IVECO filter)

All LC8 part numbers are available on our website (use the IVECO filter)

COMMON TECHNICAL CHARACTERISTICS

Voltage	24V
Source	LC11 > LED , LC8 > bulbs (not included)
Functions	Direction indicator, stop, reflector, position, reverse and fog, license plate lamp, reverse alarm
Dimensions	400 x 160 x 84 / 88,5 mm
Bolt distance	152 mm
Fixation	Fixation provided 2 screws M8 x 30 mm
Connector	HDSCS - 8 pin rear connector
Approval	LC11 > E2 14085 - 14086 - 10P-047585, LC8 > E2 2040

VIGNAL

CLOSE RANGE LIGHTING + REAR LAMP

LED BARLIGHT - BL15-CTL15

VIGNAL

LED ADR ECE EMC

Dynamic indicators - flashing warning lights

Work light 1200 Lumen

Stop and position

- 100% LED light : no maintenance
- 1200 Lumen
- Safety : high visibility clearance signalling
  scrolling towards the outside
- Night comfort : lighting extends beyond the work area
- Rear or front Fixation
- Tension : 24V
- Homologated ECE - EMC

REAR FIXATION (Chereau)	FRONT FIXATION
164000 : CTL15 **164010 : CTL15 to connect on** **BL15**	**164020 : CTL15** **164030 : CTL15 to connect on** **BL15**
165020 : BL15 left **165030 : BL15 right**	**165040 : BL15 left** **165050 : BL15right**
	A14420 - COMPLETE KIT : **Right and left lights + wiring**
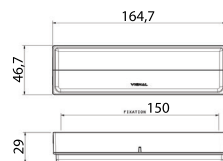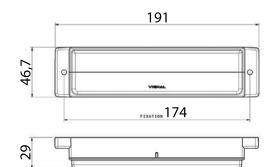
VIGNAL

SAFETY STATIC - PROJECTION MODULE WARNING SIGNAL

SESALY

LED · ECE · EMC · IP69K

To enhance safety around vehicles, Safety Static creates a peripheral zone on the ground around the vehicles.

These safety zones will receive a projected image to alert other road users at night.

Safety Static is a versatile projector that can be adapted to the image to be projected.

Its power allows you to achieve high light levels. 4 projection options available for this product.

TECHNICAL CHARACTERISTICS

Voltage	10 - 30V
Consumption	28W
Functions	Image projector / Interior integrated line projector / Vehicle-integrated miniature image projector / Full inno with long-range and short-range warning Full integrated without drop shadow
Material	Aluminium
Connectors	1000~1020mm cable with soldering tips
IP Protection	IP67 - IP 69K
Short circuit protection	Yes
Homologations	ECE R10 & R118
Operation Temperatures	-40°C to +80°C
Fixation	Pedestal
Warranty	2 years
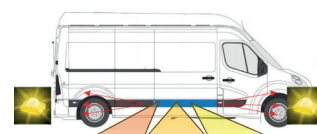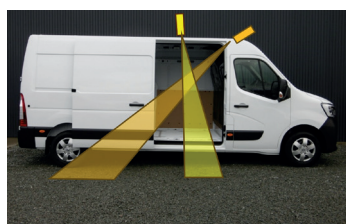
VIGNAL

LPL18 LED - License plate lamp

LED · ADR · EMC · SAE · ECE

The LPL18 LED light is a license plate light for all types of vehicles: semi-trailers, trailers, special vehicles, commercial vehicles, etc.
Designed by Vignal teams, it is approved for installation with only one light per plate.
Reduce your electricity consumption by switching to LED products.

199020
Bolt distance 72 mm
199030
Bolt distance 75 mm

199000
Clipped

199040
Bolt distance 45 mm

199020
199030 — 520 x 120

199000
199040 — 520 x 120

199000
199040 — 520 x 120

199000
199040 — 340 x 240

199000
199040 — 340 x 240
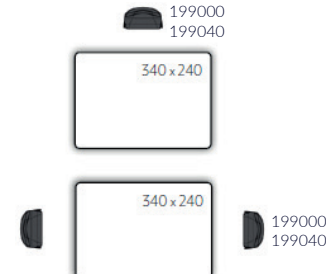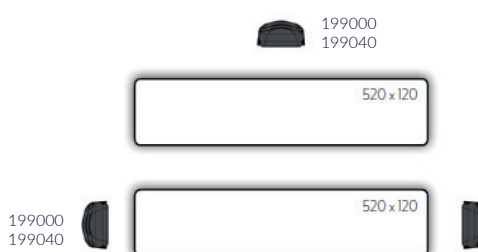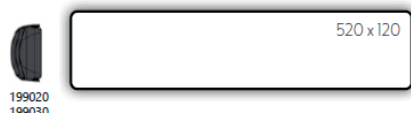
TECHNICAL CHARACTERISTICS

Voltage	12/24V
Source	100% LED no maintenance
Dimensions	81 x 44,5 x 52,5 mm
Bolt distance	45 - 72 - 75mm (depends on P/N)
IP protection	IP6K9K
Connector	Superseal 2 pins
Approvals	ECE E2 19014 + 10R 0516057 DOT SAE L19

E-VENUS
LED beacon

MADE OF RECYCLED MATERIALS

LED R65 R10 IP54
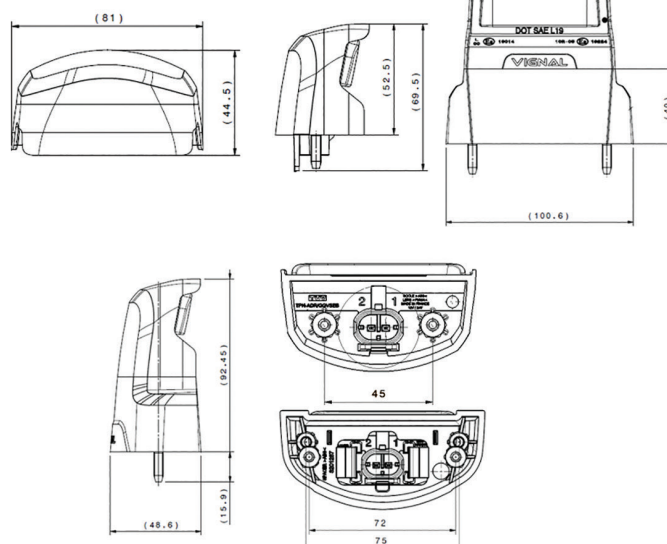
Introducing our new eco-friendly range E-SYSTEM :

- Reduce your carbon footprint
- Over 80% recycled plastic
- Energy-efficient LED technology
- Smaller PCB to minimize environmental impact
- And still a high-performant beacon to enhance your safety and visibility!

TECHNICAL CHARACTERISTICS

Fixation	**D16152**: 3 points on Ø 130 mm - **D16151**: Flexible pole (DIN 14620) - **D16150**: Rigid pole mounting (DIN 14620) - **D16153**: Magnetic + suction cup - **D16161**: spare lens
Voltage	Multi-voltage 10-30 VDC
LED lifetime	> 40.000 hours
Lens colour	Amber
Lens material	Polycarbonate
Flash patterns	Double flash
IP protection	IP54
Operation t°	-30°C to +50°C
Approvals	ECE R65 CAT 1, ECE R10
EMC level	R10
Polarity inversion	Protected against polarity inversion
Consumption	17W max - 7W average
Weight	Magn : 0,750 kg - Pole : 0,450 kg - 3 points : 0,450 kg - 1 point : 0,480 kg

D16152   **D16151**   **D16153**   **D16150**   **D16161**

VIGNAL

E-VENUS Ecological LED beacon

80% recycled materials

The plastics used are made exclusively from recycled materials, with a large proportion recycled on site at Vignal CEA (Km0).

Recyclable beacon

Our beacons are part of a circular economy. Plastic, metal and WEEE materials are recycled.

Reduced PCB - less waste

The electronic circuit has been redesigned to reduce its size and minimize waste.

The **E-VENUS** range designed by **VIGNAL CEA** reflects the group's committ

-20% lower power consumption
Energy consumption has been optimized
from 9W to **7W.**

Photovoltaic solar energy
Equipping our Swiss factory with
photovoltaic panels ensures green energy
at every stage of production.

Recycled packaging
Our products are carefully packed in 100%
recycled cardboard boxes.

...ment to the environment.

VIGNAL
Global design
Local production

PEGASUS LED

LED · **ECE** · **EMC** · **R10** · **R65** · **IP69K**

- Multifunctions: rotating, flash, double flash
- Most compact beacon
- ECE R65 & EMC R10 approved

Ø146 mm

74 mm

130 mm

131 mm

PEGASUS

N.3 holes for fixing screw

120°

120°

120°

Ø130 mm

143 mm

74 mm
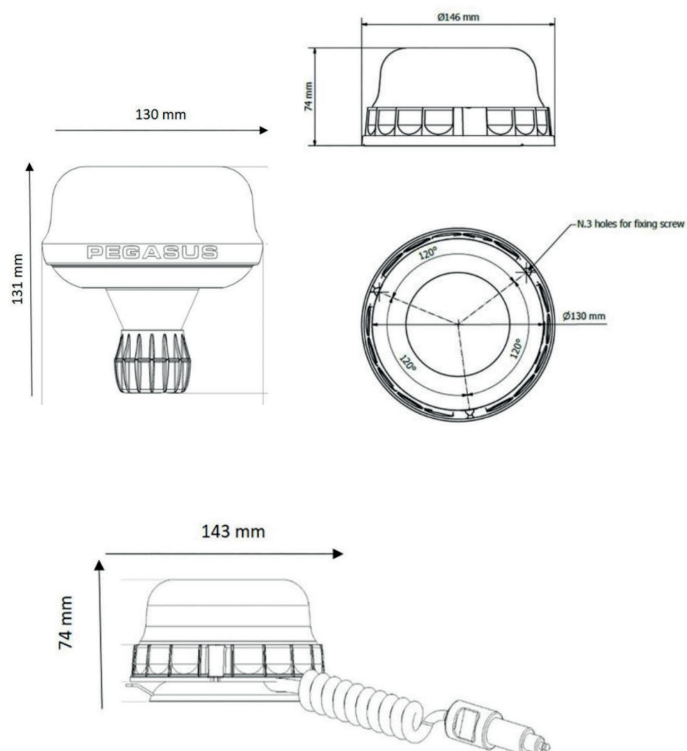
TECHNICAL CHARACTERISTICS

Fixation	3 screws 3.5 x 15.9 mm - ISO DIN 14620B Flexible DIN pole autoblok Magnetic 1 suction pad with cigarette lighter
Voltage	10-30 VDC
Lens colour	Amber
Lens material	Polycarbonate
Flash patterns	Multifunctions : rotating, flash, double flash
Operation t°	-30°C to +50°C
Approvals	ECE R65, ECE R10
Consumption	9W
Weight	Magn : 0,780 kg - Pole : 0,550 kg - 3 points : 0,450 kg

VIGNAL

ATLAS LED

LED · ECE · EMC · R10 · R65 · IP69K

The ATLAS LED beacon meets the high requirements of the manufacturer's specifications.
Special attention has been paid to the thermal management of LEDs to ensure optimum service life and operation in the most extreme situations.
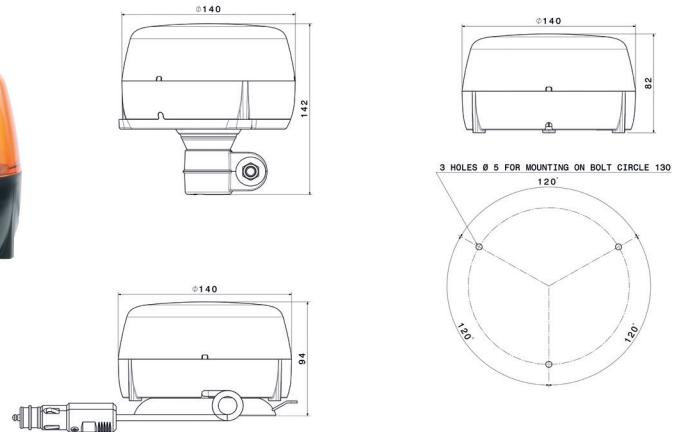
Available in differents colors

TECHNICAL CHARACTERISTICS

Fixation	3 points on Ø 130 mm (DIN 14620) - Pole mounting (DIN 14620) - Magnetic + suction cup
Voltage	Multi-voltage 9-32 VDC
LED lifetime	> 50.000 hours
Lens colour	Amber or Blue
Lens material	Polycarbonate
Flash patterns	Rotating or double flash
IP protection	IP69K (ISO 20653)
Vibration	Mechanical loads and shocks ISO 16750-3
Operation t°	-40°C to +80°C
Approvals	ECE R65 (TA1 or TB1), ECE R10
EMC level	CISPR25 Class 3 or 5 optional
Polarity inversion	Protected against polarity inversion
Consumption	Rotating : 8,5W at 28,5V - Flashing : 17W at 28,5V
Weight	Magn : 0,780 kg - Pole : 0,550 kg - 3 points : 0,450 kg

Polycarbonate lens

Cover

Reflector

PCB

Heat sink

Housing

Watertight seal

Connector

Nitto cap

VIGNAL

ATLASSINO
Compact and longlife LED beacon

LED **R65** **R10** **SAE** **CEM CL5** **IP6K9K**

diam 90 mm

ATLAS   ATLASSINO

Introducing our new compact and cost effective beacon ATLASSINO :

- 9 cm diameter - adapts to all vehicles
- Extra-bright double flash
- Powerful, long-life LED
- Heavy duty - excellent vibration resistance

TECHNICAL CHARACTERISTICS

Reference P/N	221300	221100 (central cable) 221200 (side cable)	221000	221500
Fixation	Rigid pole mounting (DIN 14620)	3 points on Ø 102 mm	1 central point Ø 12 mm	Magnetic + suction cup
Voltage	Multi-voltage 10-32 VDC			
LED lifetime	> 60.000 hours			
Lens colour	Amber			
Lens material	Polycarbonate			
Flash patterns	Double flash			
IP protection	IP6K9K (ISO 20653) / IK08 (Shocks)			
Operation t°	-40°C to +80°C			
Approvals	ECE R65 (TA1 or TB1); ECE R10; SAE Class 1 & Class 2			
EMC level	ECE R10 & CISPR Class 5			
Polarity inversion	Protected against polarity inversion			
Consumption	16W max - 7W average			
Dimensions	90x107 mm	120x45 mm	90x43 mm	90x43 mm
Weight	0,220 kg	0,175 kg	0,175 kg	

VIGNAL

LED COMPACT WORK LIGHTS

ABL

IP68   IP69K   LED   EMC

Flood, Asymmetrical, Long Range, No Glare

1000, 1500 or 2000 Effective Lumen

Round, Square, rectangular or Oval

Electro-Magnetic Compatibility class 5

Load dump protected

TECHNICAL CHARACTERISTICS

Voltage	Multi-voltage 12-24V
Consumption	14 W (1000 lm), 20W (1500 lm), 29W (2000 lm)
Connector	Built-in DT 2 ways, Built-in AMP 2 ways
Load Dump	36V continuous/ ISO 7637-2 Pulse 5a
Polarity	Protected against reverse voltage
Vibration resistance	15Grms, from 24Hz to 2000Hz
IP protection	IP68 - IP 69K
EMC	ISO 13766 - ISO 14982 - ISO 12985 - CISPR25 Class 5
Salt Spray Test	ISO 9227
Shock	60G
Operating temperatures	-40°C to +85°C
Mounting	Pedestal or suspended

VIGNAL

WORK LIGHTS

SV 1000 LED - efficient and professional work light

SACEX

LED · EMC · IP69K

Discover the SV 1000 LED work Light, a robust halogen alternative designed for professionals.

Made with polycarbonate, it's lightweight and durable. Upgrade now for reliable, hassle-free illumination that lasts. Make the switch to SV 1000 LED and experience efficient lighting today!

connector

D16111
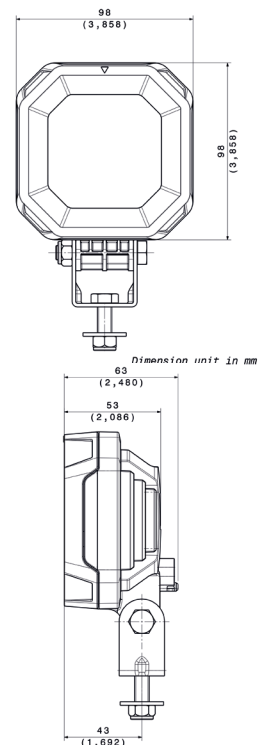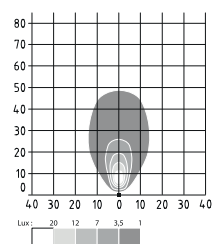
D16155   switch on/off

cable

D16156

D16157   switch on/off

TECHNICAL CHARACTERISTICS

Voltage	Multi-voltage 12-24V
Consumption at 24V	8W
Ampérage	0,34 Amp at 24V
Lens material	Polycarbonate
Operational Lumen	1000 Lumen
Light pattern	Flood
Connector	Built-in DT 2 ways, bare lead wiring harness
Load Dump	36V continuous/ ISO 7637-2 Pulse 3b
Polarity	Protected against reverse voltage
Vibration resistance	10 Grms, from 24Hz to 2000Hz
Electronic Thermal Management	Protected against overheating
IP protection	IP68 - IP 69K
EMC	ISO 13766 - ISO 14982 - ISO 12985 - CISPR25 Classe 3
Salt Spray Test	ISO 9227
Shock	60G
Operating temperatures	-40°C to +55°C
Mounting	Pedestal, suspended
Weight	280 gr
Warranty	20 000 operating hours or 5 years

98
(3,858)

98
(3,858)

Dimension unit in mm

63
(2,480)

53
(2,086)

43
(1,692)

FLOOD

80
70
60
50
40
30
20
10
0

40 30 20 10 0 10 20 30 40

Lux: 20   12   7   3,5   1

VIGNAL

SESA PULSAR LED - directional light

SESALY

LED   R10   R65   IP67

- 12/24Vdc LED directional light visible at 180°
- Extra flat & ultra light design
- Robust and waterproof
- 5 colors: orange, blue, red and dualcolor (orange & blue)
- 4 ECE R65 approved flash modes

Class 1   🟠 **D16004 - SPU.OR**
          🔵 **D16005 - SPU.B**
          🔴 **D16075 - SPU.R**
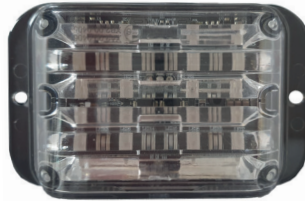
Class 2   🟠 **D16018 - DSPUXL.OR**
          🔵 **D16017 - SPUXL.B**
          🟠🔵 **D16076 - SPUXL.DC**
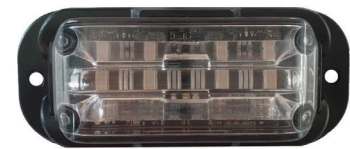
⚪ **D16056 - SPU.W**

TECHNICAL CHARACTERISTICS

Voltage	12/24V
LED colour	Class 1 amber, blue, red / Class 2 amber, blue, dual colour A/B
Lens material	Polycarbonate
Housing material	Aluminium
Light patterns	4 lights patterns : 120 flash/minutes, 120 double flash/min, 120 quad flash/min, steady cruise mode
IP protection	IP69K
Operating t°	-30°C to +50°C
Approvals	ECE R10 (EMC, CISPR25 class 3), ECE R65 CL1 or CL2
Dimensions	94 L x 39 H x 22 D mm or 94 L x 59 H x 22 D mm

VIGNAL
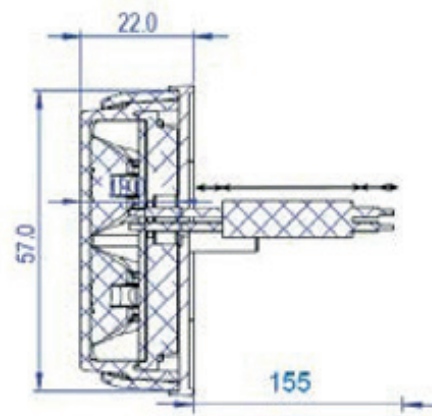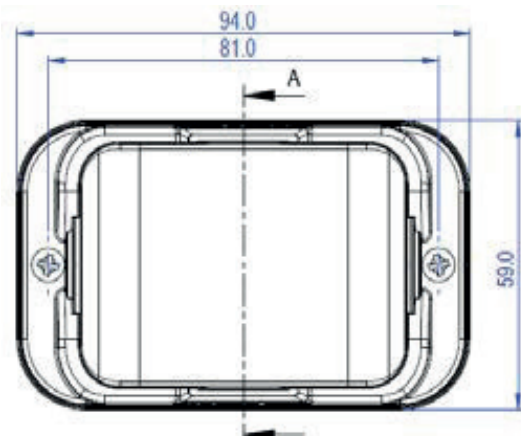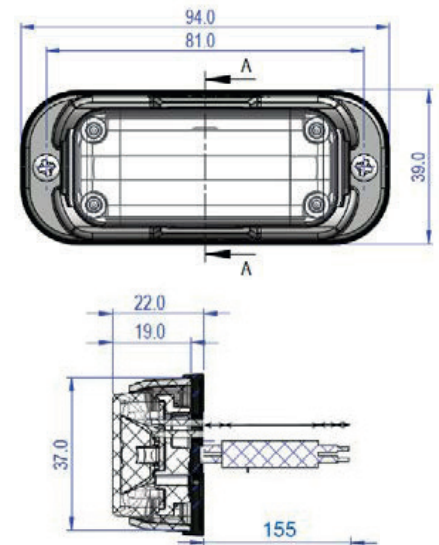
Wireless HD system 2.4GHZ with multi-display 7" screen

Discover the D16044 camera kit, our latest-generation wireless system. Designed to meet the demands of professionals, this kit offers exceptional performance:

- HD 1080P camera
- 300 m transmissions distance!
- 130° camera angle
- Easy installation
- Automatic pairing
- Multi-mode split screen

D16044 : Wireless HD camera system

TECHNICAL CHARACTERISTICS

LCD 7" color multi-display monitor

- High resolution display 1024 x 3 (RGB) x 600
- 4 cameras expandable
- Recording via micro SD card (not supplied)
- Automatic pairing with a unique code
- 12 / 24 Volts
- Time delay : 200 ms
- 4 languages available: French, English, German, Chinese
- Picture image adjustable for horizontal, vertical, mirror, normal viewing
- System PAL/NTSC
- Reverse distance grid
- Use between -20°C and +70°C

Monitor: D16055

CMOS HD 1080P wireless camera

- 12 / 24 Volts
- Waterproof camera (IP69K)
- Micro integrated
- Night vision: 10 m (4 infrared leds)
- Max distance with monitor : 300 m
- Vision angle: 130°
- Use between -20°C and +70°C

Camera: D16045

Antenna spare part: D14326

Option Antenna 7m cable: D14063

Option 1080P wireless magnetic and rechargeable camera : D16046

Recording time:

Micro SD / MODE	16G	32G	64G	128G
SINGLE	≈ 15h	≈ 30h	≈ 60h	≈ 120h
QUAD	≈ 17h	≈ 34h	≈ 68h	≈ 136h
SPLIT	≈ 18h	≈ 36h	≈ 72h	≈ 144h

VIGNAL

Complet wired system with AHD 7" screen and 100° HD camera

VIGNAL

IP68 | HD 1080P | 100° | 7"

- High resolution camera & HD screen offering an excellent restitution of images: camera with a viewing angle of 150 °, works from 0.1 lux
- Automatic triggering when the reverse gear is activated
- Robust and waterproof (IP68)
- Easy and discreet integration on any type of vehicle
- Power supply: 12-24 VDC
- 2 years warranty

D16033 : Wired camera systems

TECHNICAL CHARACTERISTICS

- Size: 7 Inch HD digital panel
- Screen Ratio: 16:9
- Resolution: 1024* R.G.B* 600
- Back Light Luminance: 300cd/m²
- System: NTSC/PAL auto switch
- OSD Menu, Remote control
- With speaker

- 3 AV inputs, Support 720P, 1080P image display
- Auto reverse trigger wire
- Power supply: DC12V-24v
- U shaped metal bracket
- With removable sunshade

- Image sensor: SONY
- System: PAL/NTSC optional
- Resolution: 1280*720 (1 Millon pixels)
- Working Temperature: -20°C to 70°C
- Power Requirements DC 12V
- Waterproof Level: IP68
- Viewing Angle: 100 degree

- Min illumination: 0.1Lux
- Image: Mirror
- Shockproof Level: 4G
- Aluminum alloy material shell, outside hanging design;
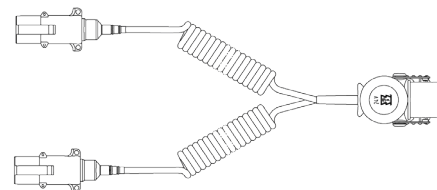- Suitable for bus, trucks and special vehicles

- 20 Meters video and power cable
- With 4pin connector
- Waterproof

VIGNAL

COMPLETE RANGE
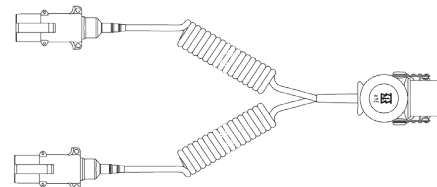
Adapters 7-PIN / 15-PIN

D14824 LMax 3,5 m
D11487 L : 3 m, LMax 4,5 m
ISO 12098 / ISO 1185 / ISO 3731
15P / 24N / 24S

D14802 LMax 3,5 m
D14689 L : 3 m, LMax 4,5 m
D14578 L : 3 m, LMax 4,5 m
ISO 12098 / ISO 1185 / ISO 3731
15P / 24N / 24S

EURO 6

A10064
ISO 12098 / ISO 1185 / ISO 3731
15P / 24N / 24S
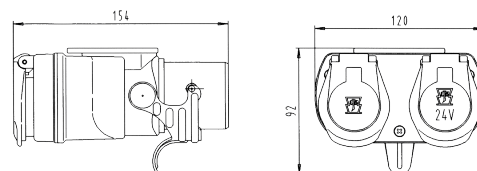
ABS / EBS
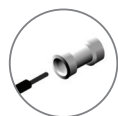
611560
ISO 7638-1
ABS / EBS

A10062
ISO 7638-1
ABS / EBS

A10065
ISO 7638-1
ABS / EBS

A10066
ISO 7638-1
ABS / EBS

EURO 6

D14311 LMax 3,5 m (ABS 5 poles)
D10597 L : 3 m, LMax 4,5 m (ABS/EBS 7 poles)
D14576 L : 3 m, LMax 4,5 m (ABS/EBS 7 poles)
ISO 7638-1

VIGNAL
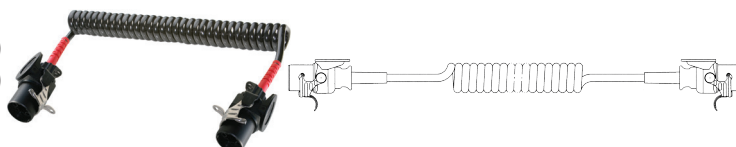
AUXILIARY
7" and 9"
DRIVING LIGHT

LED | **ECE** | **R10** | **R149** | **IP68**

VIGNAL

Aesthetic all-black design

Easy switch from R149 to super bright mode

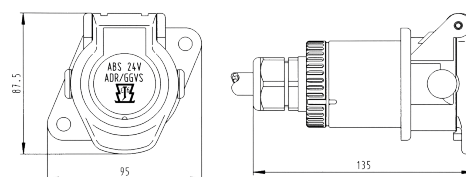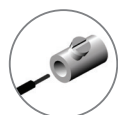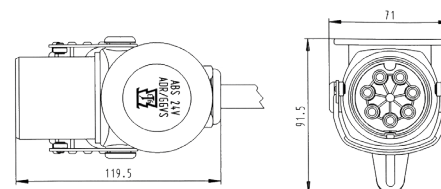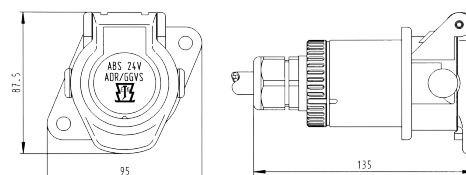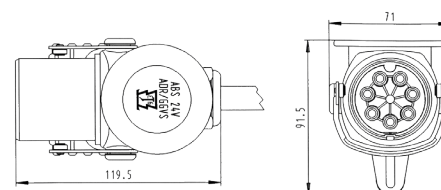Robust polycarbonate lens

White position light (R149 approved)

Amber position light

176.54mm · 70.56mm · 165.95mm

232.76mm · 83.5mm · 217.63mm · 232.76mm · 83.5mm

30m 20m 10m 0m -10m -20m -30m
3240lx · 1lx · 0.25lx
10m · 569m · 1138m
Driving Beam

30m 20m 10m 0m -10m -20m -30m
5900lx · 1lx · 0.25lx
10m · 768m · 1536m
Driving Beam
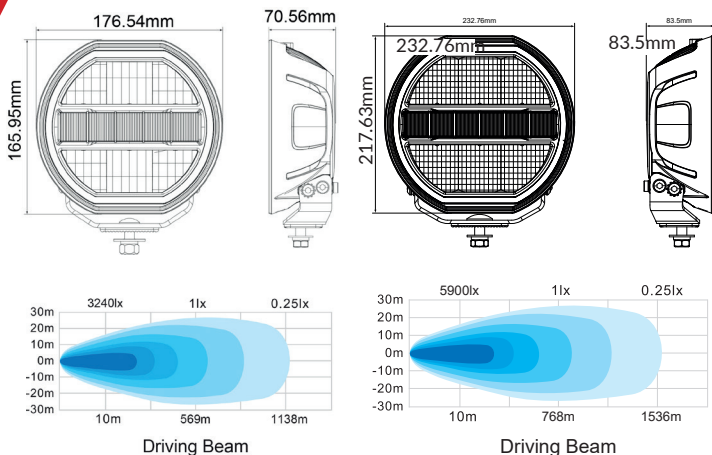
Switching method, no need to stop and get off the truck/car anymore :

Turn on the light for 2s, then turn on/off the light 3 times within 5S, the mode switches:

- When the light is working, please turn off the light for 5s and proceed the operation above for mode switching.
- The light has memory. It will work in the mode of last usage when it is on.

TECHNICAL CHARACTERISTICS

P/N	Model	Size	Power	Effective Lumen	Lux@10m	Length mm	Height mm	Depth mm
D16077	ECE R149 mode for On-road	7"	108W	1140 lm	1425	176,54	166,95	70,56
	Super bright Mode for Off-road			4062-2996 lm	3240-2618			
D16078	ECE R149 mode for On-road	9"	144W	1405 lm	1120	233	218	70,5
	Super bright Mode for Off-road			5190-7937 lm	3920-5900			

VIGNAL

STELLAR - extra-flat LED lightbar

LED **R10** **R65** **SAE** **IP6K9K**

Benefits :

- R65 approved light performance
- Extra flat and aerodynamic design
- Best in class manufacturer quality
- Ultra robust polycarbonate

The STELLAR lightbar completes our range of lighting products for your safety. **R65 and SAE approved**, it is perfectly adapted to the amber/orange safety markets.

Available in 4 different lengths, the STELLAR is composed of several powerful amber flash modules.

Variations can include Stop/Position/Direction Indicator lights, rear and/or alley work lights, traffic master...

Watch video on ▶ YouTube

TECHNICAL CHARACTERISTICS

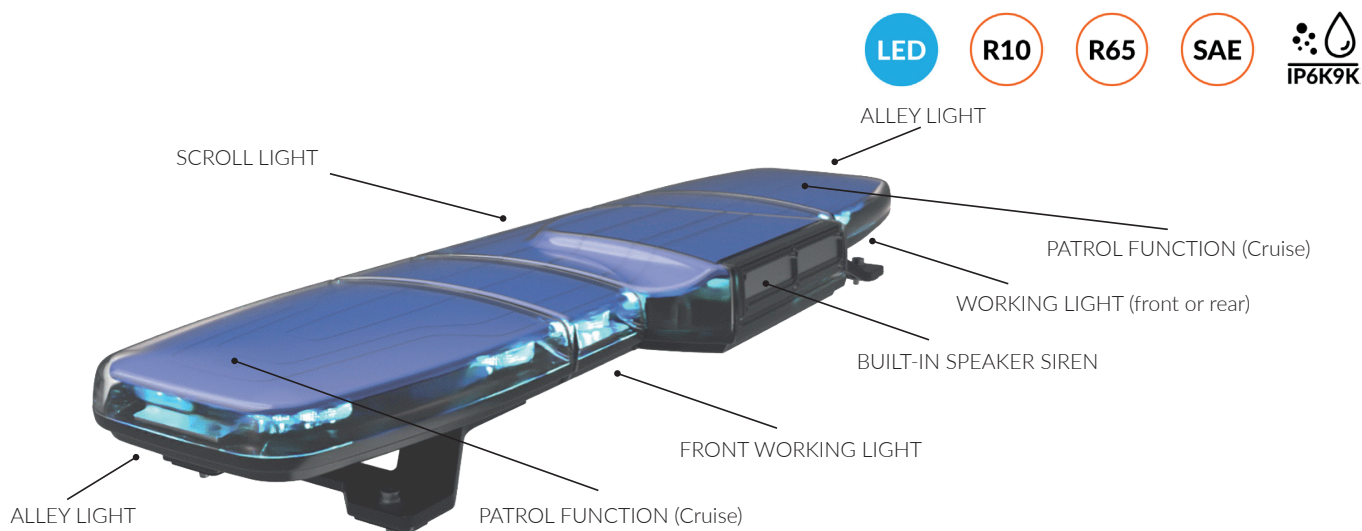|	
Dimensions	280 mm (width), 950 - 1250 - 1550 - 1850 mm (length), 124,5 mm / 75 mm (height with/without support)
Voltage	10/36 VDC
LED colours	Amber
Lens colour	Transparent
Cover colour	Grey
Material	Polycarbonate lens and body - Aluminum chassis
Connector	5 m bare cable (right side of the vehicle)
IP protection	IP6K9K
Vibration	Mechanical and shocks ISO 16750-3
Operating T°	-30°C to +60°C
Approvals	ECE R65 (TA1 or TB1), SAE Class 1 Amber
EMC level	ECE R10 --> CISPR25 Class 3
Warranty	3 years
Applications	**Recovery vehicles, maintenance and intervention vehicles, garbage trucks, exceptional convoy trucks, agricultural convoys, municipals, sweepers...**
Remote	Optional control unit on request

360° visibility Side module Compact

VIGNAL

STELLAR - extra-flat LED emergency lightbar with integrated siren

LED R10 R65 SAE IP6K9K

SCROLL LIGHT

ALLEY LIGHT

PATROL FUNCTION (Cruise)

WORKING LIGHT (front or rear)

BUILT-IN SPEAKER SIREN

FRONT WORKING LIGHT

ALLEY LIGHT

PATROL FUNCTION (Cruise)

TECHNICAL CHARACTERISTICS

Dimensions	280 mm (width), 950 - 1250 - 1550 - 1850 mm (length), 124,5 mm / 75 mm (height with/without support)
Voltage	10/36 VDC
Consumption	150W at 12V / 280W at 24V
LED colours	Blue
Lens colour	Transparent
Cover colour	Blue
Material	Polycarbonate lens and body - Aluminum chassis
Connector	5 m bare cable (right side of the vehicle)
IP protection	IP6K9K
Vibration	Mechanical and shocks ISO 16750-3
Specific Functions	Alley lights, Front work lights, Stop/Position/Direction indicator
Operating T°	-30°C to +60°C
Approvals	ECE R65 (TA1 or TB1)
EMC level	ECE R10 --> CISPR25 Class 3
Warranty	3 years
Applications	**Ambulance, Firefighters, Gendarmerie (French police), Police, Priority vehicle**
Remote	Optional control unit on request

VIGNAL

LED BARS
Full range

LED | ECE | R112 | R10 | IP69K

VIGNAL

Face frame without screws against corrosion, aerodynamic design to lower wind resistance and noise

OSRAM LED with high lux and stable luminous efficiency

UV coated reflector and PC lens with high durability

Indirect illumination design with hooded reflector to reduce glare

All-black design brings strong visual impact

If you're looking for top-quality lighting for your ON and OFF-road vehicle, our LED bar is exactly what you need!

Our light bar is a high-quality lighting solution for off-road vehicle drivers looking to improve their visibility in the darkest environments. With exceptional power, superior build quality, operating versatility, easy installation and compact size, our LED bar is the ideal choice for demanding drivers.

Contact us to discuss your requirements, or request your quote online today!

D16047 — R65

D16048 — (snowflake/rain icon)

D16049

D16050 — R65

D16051 — R65
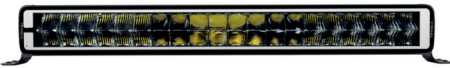
D16052

D16053

LED BARS
Full range

LED · ECE · R112 · R10 · IP69K

TECHNICAL CHARACTERISTICS

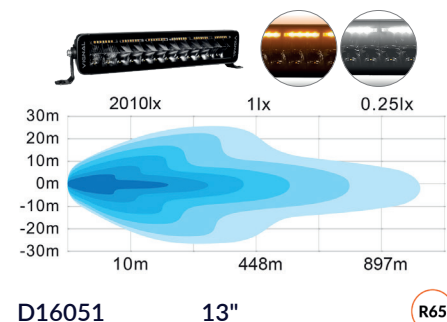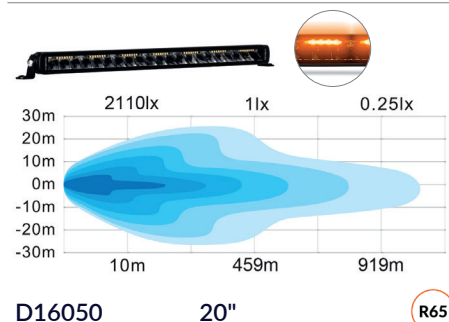| P/N	Size	Power	Raw Lumen	Lux@10m	Amp (12V/24V)	Length	Height	Depth	Feature
D16047	21,5"	84W	16800	1971	6.86/3.46	561	70	67	R65 flash
D16048	21,5"	83W	16800	2830	6.71/3.45	561	70	67	De-icing
D16049	20"	49W	8820	2043	3.98/2.03	528	47.2	60	-
D16050	20"	44W	8820	2110	3.52/1.85	522	40	54.3	R65 flash
D16051	13"	49W	10080	1790	3.4/1.88	357	70	67	R65 flash
D16052	13"	45W	10080	2106	3.4/1.88	357	70	67	-
D16053	10"	20W	3780	1080	1.63/0.85	246	47.2	60	-

Multi-purpose led bar :
amber R65 flash warning light
amber and white position light
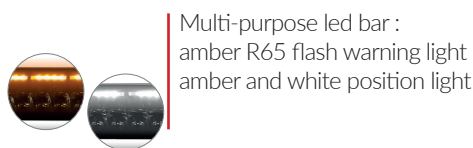
INNOVATIVE HEATED LENS
With intelligent temperature detection sensor
which can adjust start-up/turn-off time automatically
very convenient ro remove snow/ice/water in cold climate

1971lx	1lx	0.25lx
10m	444m	888m

D16047   21,5"   R65

2319lx	1lx	0.25lx
10m	482m	963m

D16048   21,5"

2043lx	1lx	0.25lx
10m	452m	904m

D16049   20"

2110lx	1lx	0.25lx
10m	459m	919m

D16050   20"   R65

2010lx	1lx	0.25lx
10m	448m	897m

D16051   13"   R65

2100lx	1lx	0.25lx
10m	458m	917m

D16052   13"

1702lx	1lx	0.25lx
10m	413m	825m

D16053   10"
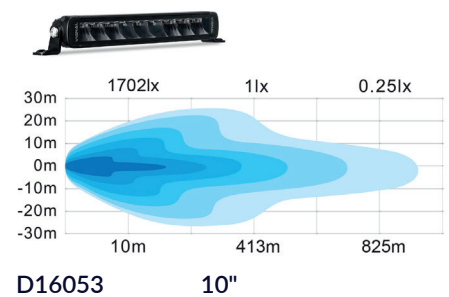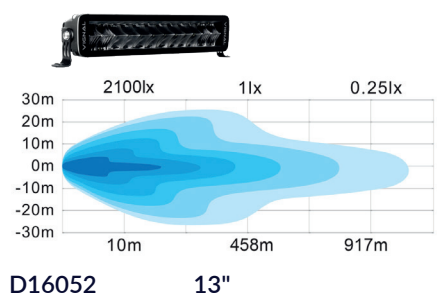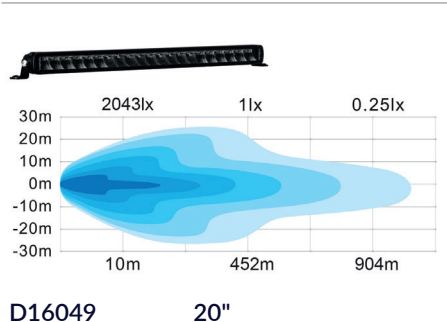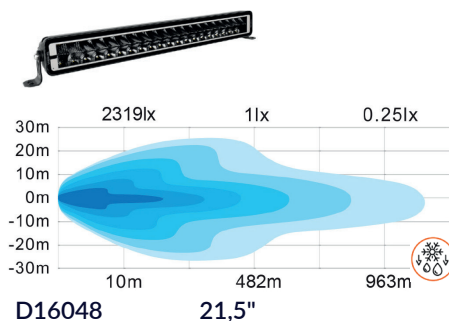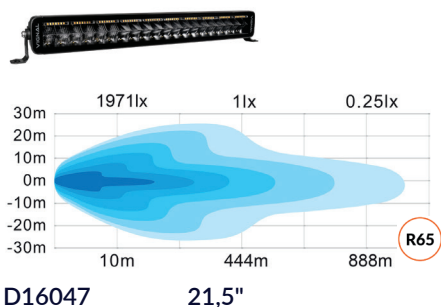
NBB®

ALPHA PRO LED
LED BAR SERIE

LED | ECE | IP68

NBB Alpha Pro LED
are leading auxiliary lights products with a perfect combination of beam width, range and volume which delivers outstanding performances.

NBB unique and distinctive design brings to Alpha Pro LED bar series an incredible light power which broadens and extends your vehicle lighting normal lights.

TECHNICAL CHARACTERISTICS

LEDs	15 LED	38 LED
Lumen	6400 Lm	16250 Lm
Color temperature	5700 K	5700 K
Volt (V)	12/24V	12/24V
Watt (W)	100W	260W
Ampérage	@12V 4,2 A	@12V 21,7A
Mått	Längd 230 mm	Längd 630 mm
Housing material	Aluminum	Aluminum
Lens material	PC	PC
Approvals	ECE homologated broad beam E25 ECE homologated pilot light	Off Road broad beam ECE homologated pilot light
Light pattern	340m @ 1 Lux	740m @ 1 Lux
Watertightness	Breather vent with IP68 connector	Breather vent with IP68 connector
Connector	Built-in DT, harness included	Built-in DT, harness included
Clear protective cap	Included	Included
Black see-through protective cap	Included	Included
Mounting hardware	Stainless steel hardware included	Stainless steel hardware included

SESA Tunes Advanced AVAS and multi-function audible solution

R138 **R10** **R118**

**AVAS SOUND
+
Reverse alarm
+
Urban gong
sound**

- Multifunction : **AVAS sound for electric or hybrid vehicles (R138 - FMVSS-141)**, reverse alarm and gong urban sound
- Integrated AVAS Sesaly sound with adjustable sound level according to ECE R138 and FMVSS-141
- Gong: 97 to 100 dB ext. at 1 meter
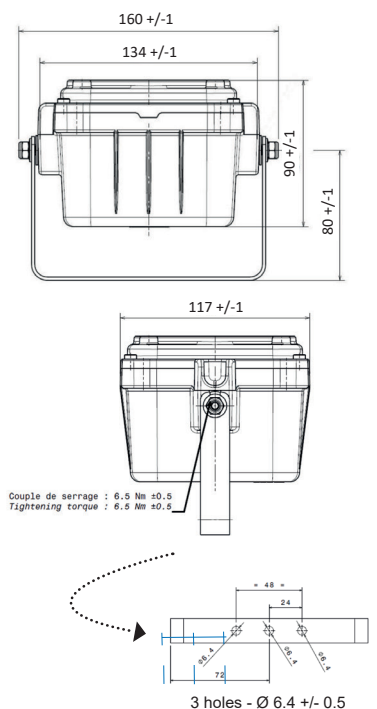- Very easy programming of sound levels with SESALY software

FUNCTIONS

1. AVAS sound for electrics or hybrids vehicles	
Emission or inhibition of idle sound	0 km/h
Sound emission	Between 1 and 4 km/h
Speed-dependent sound emission (R138 requirement)	Between 5 and 20 km/h

AVAS

2. SESALY reverse alarm	97 dB ext. at 1 meter
3. Urban warning gong	100 dB ext. at 1 meter

TECHNICAL CHARACTERISTICS

Name	STA
Voltage	12 or 24V according to ISO 16 750-2
AVAS sound level	Adjustable for compliance with R138 regulations
Material	Polycarbonate
CAN	2.0A & 2.0B - J1939 - ISO 11 898-2 - 20kBits at 1000 Kbits
Connector	DEUTSCH 8 poles (supply, CAN, audio outputs)
IP protection	IP56 - base assembly	IP64 - Speaker
T° of use	-30°C to +70°C
Certifications	SESALY sound signature in compliance with the regulation UN ECE-R138 and US FMVSS-141
Approvals	E2*10R06/00*19305*00 (EMC), ECE R118 (fire and smoke), EN 16750-3 (vibrations and shocks)
Poids	0,64 kg
MTBF	>75 600 heures (18h/J/335J/an à 25°C)

160 +/-1
134 +/-1
90 +/-1
80 +/-1
117 +/-1

Couple de serrage : 6.5 Nm ±0.5
Tightening torque : 6.5 Nm ±0.5

48
24
72

3 holes - Ø 6.4 +/- 0.5

VIGNAL

Approved reflective signalling

50 m x 50,8 mm

Rigid support - Auf Festaufbauten

E$_{13}$ 104R-0001 AVERY DENNISON

D12713

D12715

D12714

E$_1$ 104R 3M

D16087

D16086

D16088

423 x 423 x 1 mm
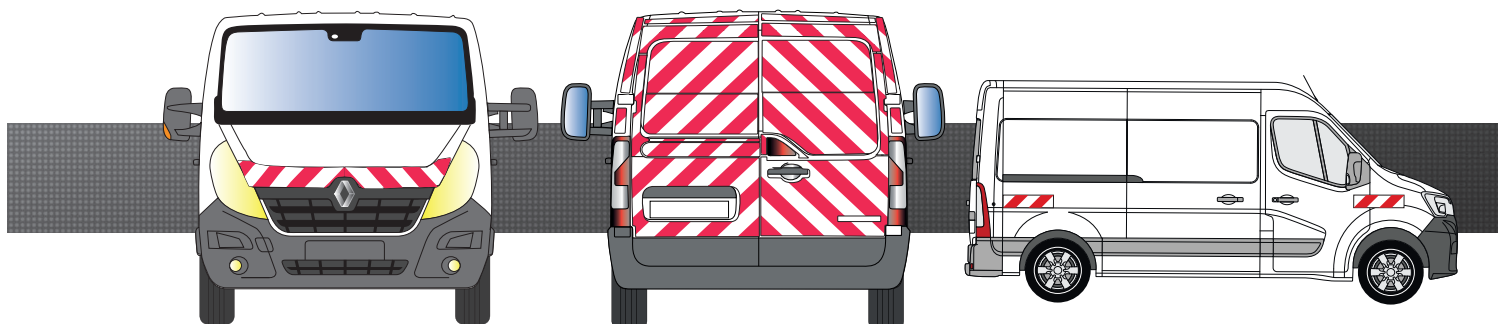
NEW

282 x 282 x 1 mm

NEW

D16031
(76RE50)   Cl. A : 👁 ->80m

D16032
(76RE56)   Cl. B : 👁 ->250m

Approved - Durable - Visible at least 80m - Easy to install
Zugelassen - Langlebig - Sichtbar aus mindestens 80m Entfernung - Einfach zu verlegen

VIGNAL

Extinguisher Boxes

R73

- ECE R73 - 89/297 side protection approval
- Anti-UV treated thermoplastic resistant material
- Polycarbonate inspection window
- Waterproof enclosure with seal: IP59K
- Left/right reversible opening door

Extinctors not included

Adjustable clip belt

Max 6 kg
Ø 140/195 mm

Max 6 kg
Ø 140/195 mm

Max 6 kg
Ø 140/195 mm

D14539
(50.52.925.TVC)
For extintors max 6kg
Ø140/195mm
Adjustable clip belt
635 x 284 x 230 mm

D14538
(50.52.925.TV2)
For extinguishers max 6kg
Ø140-195mm
Nylon belt
635 x 284 x 230 mm

D16163
(50.52.985.TV2)
For extinguishers max 6kg
Ø140-195mm
Nylon belt
635 x 284 x 230 mm

Max 9 kg
Ø 140/195 mm

Max 9 kg
Ø 140/195 mm

D14537
(50.51.020.VLG)
For extinguishers max 9kg
Ø140-195mm
Plastic belt
786 x 320 x 230 mm

D16162
(50.51.080.VLG)
For extinguishers max 9kg
Ø140-195mm
Plastic belt
786 x 320 x 230 mm

VIGNAL

Vignal Group, the lighting and safety specialist for industrial and commercial vehicles.

Since 2014, our group has gradually developed through organic growth and has carried out several external growth operations. This strategic direction enables us to develop synergies to offer more products and services to all our customers, by bringing together several well-known and recognized brands in the industrial and municipal world:

Our philosophy is to have a **global design for a local production**. With sites situated across three continents, in North America, Europe and China, we aim to provide increased flexibility for a better service.

20+ years of CSR policy

Certified
ISO 14001 - ISO 9001
IATF 16949 - CCC - Certifer

Constant growth

10% of workforce in R&D

VIGNAL ABL
France - Caen

VIGNAL CEA
Switzerland - Rancate

VIGNAL SARR
France - Le Mans

VIGNAL CHANGZHOU
China - Changzhou

VIGNAL ABL USA
USA - Mosinee

VIGNAL GROUP - HQ
VIGNAL SYSTEMS
VIGNAL SESALY
VIGNAL INTERSIGNALETIC
France - Lyon

www.vignal-group.com