

# BEACONS And SAFETY LIGHTS



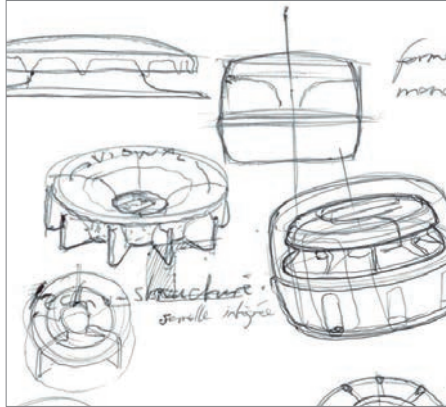
**APPROVALS**  
**ECE R 65 - ECE R 10**



# We are original equipment manufacturer

With more than a century of experience in lighting and signalling for commercial and industrial vehicles, Vignal Lighting Group is your partner of choice to light up your work.

Our engineers and project teams develop **innovative and customized products** specifically for top brand vehicles manufacturers and according to their specifications.



We test our developments and products in house to improve our time to market. These tests include electronics, photometry, night tests, watertightness, CEM, vibrations...

We offer a **qualitative and most advanced manufacturing tool** from the electronic circuit to plastic injection and product assembly.

This result in a wide range of reliable products suited to the special and emergency vehicles' market.

Our goal is to ensure a **safe and comfortable work environment** through all our solutions.



## Approval

R65

SAE

Any vehicle of general interest, slow-moving or bulky can be fitted with special rotating or flashing lights.

Only vehicles equipped with ECE-R65 approved beacons can circulate on the public road network.

The ECE-R65 (Europe) or SAE (United States) directives indicate the light values, colors, flash patterns, visibility angle ...

All of our beacons are ECE-R65 approved with the exception of Puck and Fresnel. A selection of beacons is also SAE approved. The homologation certificates can be downloaded from our website.

## Approval

R10

The Electromagnetic Compatibility (EMC) ECE R10 is a set of tests (including CISPR25) to attest to the ability of a device to operate as intended in its electromagnetic environment without itself generating electromagnetic disturbances for its environment.

The manufacturer's specifications refer to the CISPR 25 standard ranging from 1 to 5. Our products are certified to a minimum of ECE-R10 and class 3 which ensures that the legal standards are met.

Many of our products including ATLAS also meet the requirements of class 5 which ensures optimal operation without electromagnetic disturbances for the vehicle or the product.

## LED or HALOGENE?



How to choose between LED or halogen technologies? Here are the different advantages and disadvantages:

### LED advantages:

- Durability
- Technical performances (vibration, light intensity)
- Modern and attractive design
- No maintenance (no bulb changes)
- Eco-design

### LED disadvantages:

- Cost

### HALOGENE advantages:

- Cost

### HALOGENE disadvantages:

- Shorter service life
- Maintenance (bulb changes)
- Consumption



## ATLAS



DURABILITY ●●●●●  
EMC ●●●●●  
COST ●●●●●  
SIZE ○○○○○

- OE APPROVED beacon
- Best in class EMC CISPR 25 (no radio/gps interferences)
- LED thermal protection (long lifetime)
- Glued PC lens (optimal sealing)



### 212020

- OE MAN trucks (81.25207-6074)
- Connector ref. D13879
- Support available at the dealership

Rotative | 3 screws | 9-32V | EMC class 5  
Ø 140 x 82 mm



### 212010

- OE Mercedes (A 910 206 29 00 / A 910 906 64 00) / Support and connector available at the dealership

Rotative | 3 screws | 9-32V | EMC class 4  
Ø 140 x 82 mm



### 212030

- OE MAN trucks (81.25207-6075)
- Connector ref. D13879
- Support available at the dealership

Rotative | 3 screws | 9-32V | EMC class 5  
Ø 140 x 82 mm



### 212420 (Rotative) 212460 (Flash)

Pole DIN 14620 | 9-32V | EMC class 5  
Ø 140 x 142 mm



### 212120 (Rotative) 212160 (Flash)

3 screws | 9-32V | EMC class 5  
Ø 140 x 82 mm



### 212520 (Rotative) 212560 (Flash)

Magnetic | 9-32V | EMC class 5  
Ø 140 x 94 mm

## PEGASUS



DURABILITY ●●●●○  
EMC ●●●○○  
COST ●●●○○  
SIZE ○○○○○

- Most compact beacon
- Multifunctions (flash, double flash, rotative) or rotative
- All part numbers are approved ECE-R65. Only Flash versions are approved SAE Class 2.



**D14501** (Multifunction)  
**D14725** (Rotative) SAE Cl2 + R65  
Pole | 10-30V | Ø 143 x 131 mm



**D14500** (Multifunction)  
**D14724** (Rotative) SAE Cl2 + R65  
3 screws | 10-30V | Ø 143 x 74 mm



**D14502** (Multifunction)  
**D14726** (Rotative) SAE Cl2 + R65  
Magnetic | 10-30V | Ø 143 x 74 mm



**D14503** (Multifunction)  
**D14777** (Rotative)  
PC lens



**D14757** (Multifunction)  
• Clear lens / Amber LED  
Pole | 10-30V | Ø 143 x 131 mm



**D14756** (Multifunction)  
• Clear lens / Amber LED  
3 screws | 10-30V | Ø 143 x 74 mm



**D14758** (Multifunction)  
• Clear lens / Amber LED  
Magnetic | 10-30V | Ø 143 x 74 mm



**D14747** (Multifunction)  
PC lens

## GALAXY LED

LED

R65

R10

SAE

- Compact beacon
- Rotative or Flash
- All part numbers are approved ECE-R65. Only Flash versions are approved SAE Class1

DURABILITY ●●●●○  
EMC ●●●●○  
COST ●●●●○  
SIZE ●●○○○



**D14488** (Rotative)  
**D14493** (Flash) SAE Cl1 + R65  
Pole | 10-30V | Ø 146 x 166 mm



**D14487** (Rotative)  
**D14492** (Flash) SAE Cl1 + R65  
3 screws | 10-30V | Ø 146 x 120 mm



**D14489** (Rotative)  
**D14494** (Flash) SAE Cl1 + R65  
Magnetic | 10-30V | Ø 142 x 128 mm



**D14490** (Rotative)  
**D14495** (Flash) SAE Cl1 + R65  
Magn. Roll cable\* | 10-30V | Ø 142 x 141 mm



**D14753** (Flash)  
• Clear lens / Amber LED  
Pole | 10-30V | Ø 146 x 166 mm



**D14752** (Flash)  
• Clear lens / Amber LED  
3 screws | 10-30V | Ø 146 x 120 mm



**D14754** (Flash)  
• Clear lens / Amber LED  
Magnetic | 10-30V | Ø 142 x 128 mm



**D14755** (Flash)  
• Clear lens / Amber LED  
Magn. Roll cable\* | 10-30V | Ø 142 x 141 mm



**D14491** (Rotative)  
**D14496** (Flash)  
PC lens



**D14779** (Flash)  
PC lens

## VENUS LED

LED

R65

R10

- Compact product
- Economical LED solution
- Flash

DURABILITY ●●●●○  
EMC ●●●●○  
COST ●●○○○  
SIZE ●●○○○



**D14728** (Flash)  
Pole | 10-30V | Ø 128 x 172 mm



**D14727** (Flash)  
3 screws | 10-30V | Ø 146 x 127 mm



**D14729** (Flash)  
Magnetic | 10-30V | Ø 143 x 137 mm



**D14730** (Flash)  
Magn. Roll cable\* | 10-30V | Ø 143 x 148 mm



**D14731**  
PC lens

# VEGA LED

- LED
- R65
- R10

- Anti-shock design shape
- Rotative

- DURABILITY ●●●●○
- EMC ●●●○○
- COST ●●●○○
- SIZE ●●●○○



**D14508** (Rotative)  
Pole | 10-30V | Ø 128 x 200 mm



**D14507** (Rotative)  
3 screws | 10-30V | Ø 146 x 155 mm



**D14509** (Rotative)  
Magnetic | 10-30V | Ø 142 x 165 mm



**D14510**  
PC lens

# TAURUS LED

- LED
- R65
- R10

- Universal application
- Rotative

- DURABILITY ●●●●○
- EMC ●●●○○
- COST ●●●○○
- SIZE ●●●○○



**D14483** (Rotative)  
Pole | 10-30V | Ø 128 x 203 mm



**D14482** (Rotative)  
3 screws | 10-30V | Ø 146 x 158 mm



**D14485** (Rotative)  
Magnetic | 10-30V | Ø 142 x 168 mm



**D14484** (Rotative)  
Magn. Roll cable\* | 10-30V | Ø 142 x 175 mm



**D14486**  
PC lens



## SATURNELLO and MINI SATURNELLO LED



- LED version of best seller saturnello
- Rotative

DURABILITY ●●●●○  
 EMC ●●●●○  
 COST ●●●●○  
 SIZE ●●●●○



**D14737** (Rotative)  
 Pole | 10-30V | Ø 130 x 204 mm



**D14740** (Rotative)  
 Pole | 10-30V | Ø 130 x 182 mm



**D14738** (Rotative)  
 Magnetic | 10-30V | Ø 130 x 140 mm



**D14741** (Rotative)  
 Magnetic | 10-30V | Ø 130 x 122 mm



**D14739**  
 PC lens



**D14742**  
 PC lens (mini)

## PUCK



- Ultra compact special handling machines and small off-road vehicles
- Flash

DURABILITY ●●●●○  
 EMC ●●●●○  
 COST ●●●●○  
 SIZE ●●●●○



**D14453** (Flash)  
 Pole | 10-30V | Ø 80 x 185 mm



**D14451** (Flash)  
 2 vis | 10-30V | Ø 80 x 112 mm



**D14452** (Flash)  
 Magnetic | 10-30V | Ø 77 x 117 mm



## FRESNEL



- Ultra compact special handling machines and small off-road vehicles
- High performances OE APPROVED
- Sealed
- Flash

DURABILITY ●●●●○  
 EMC ●●●●○  
 COST ●●●●○  
 SIZE ●●●●○



**D14746** (Flash)  
 3 screws | 10-110V | Ø 148 x 119 mm

## GALAXY

R65

R10

- H21W 24V bulb fitted - 12V bulb supplied in the box
- 23W beacon, low consumption (-60% compared to standard H1 24V 70W)

DURABILITY ●●●○○  
EMC ●●●○○  
COST ●●○○○  
SIZE ●●○○○



**D14749**

Pole | H21W 12/24V | Ø 128 x 166 mm



**D14748**

3 screws | H21W 12/24V | Ø 146 x 120 mm



**D14750**

Magnetic | H21W 12/24V | Ø 142 x 128 mm



**D14751**

Magnetic Roll cable\* | H21W 12/24V  
Ø 142 x 141 mm



**D14778**  
PC lens

## VENUS

R65

R10

- Compact product
- H21W 24V bulb fitted - 12V bulb supplied in the box
- 23W beacon, low consumption (-60% compared to standard H1 24V 70W)

DURABILITY ●●●○○  
EMC ●●●○○  
COST ●●○○○  
SIZE ●●○○○



**D14463**

Pole | H21W 12/24V | Ø 128 x 172 mm



**D14462**

3 screws | H21W 12/24V | Ø 128 x 172 mm



**D14464**

Magnetic | H21W 12/24V | Ø 146 x 127 mm



**D14465**

Magnetic Roll cable\* | H21W 12/24V  
Ø 146 x 148 mm



**D14466**  
PC lens

## TAURUS

R65

R10

- H21W 24V bulb fitted - 12V bulb supplied in the box
- 23W beacon, low consumption (-60% compared to standard H1 24V 70W)

DURABILITY ●●●○○  
EMC ●●●○○  
COST ●●○○○  
SIZE ●●●●○



**D14470**

Pole | H21W 12/24V | Ø 128 x 203 mm



**D14467**

3 screws | H21W 12/24V | Ø 146 x 158 mm



**D14468**

Magnetic | H21W 12/24V | Ø 142 x 168 mm



**D14469**

Magnetic Roll cable\* | H21W 12/24V  
Ø 142 x 175 mm



**D14471**  
PC lens

Magnetic Roll cable \*: unroll the desired amount of cable up to 3 m.



## VEGA

R65

R10

- H1 24V bulb fitted - 12V bulb supplied in the box

DURABILITY ● ● ○ ○ ○ ○  
 EMC ● ● ● ○ ○ ○  
 COST ● ○ ○ ○ ○ ○  
 SIZE ● ● ● ○ ○ ○



**D14479**  
 Pole | H1 12/24V | Ø 128 x 200 mm



**D14477**  
 3 screws | H1 12/24V | Ø 146 x 155 mm



**D14478**  
 Magnetic | H1 12/24V | Ø 142 x 165 mm



**D14480**  
 PC lens

## ARIES

R65

R10

- H1 24V bulb fitted - 12V bulb supplied in the box

DURABILITY ● ● ○ ○ ○ ○  
 EMC ● ● ● ○ ○ ○  
 COST ● ● ○ ○ ○ ○  
 SIZE ● ● ● ● ● ●



**D14458**  
 3 screws | H1 12/24V | Ø 173 x 149 mm



**D14460**  
 1 screw | H1 12/24V | Ø 173 x 149 mm



**D14459**  
 Magnetic | H1 12/24V | Ø 173 x 160 mm



**D14461**  
 PC lens

## SATURNE

R65

R10

- H1 24V bulb fitted - 12V bulb supplied in the box

DURABILITY ● ● ○ ○ ○ ○  
 EMC ● ● ● ○ ○ ○  
 COST ● ● ○ ○ ○ ○  
 SIZE ● ● ● ● ● ●



**D14475**  
 3 screws | H1 12/24V | Ø 173 x 251 mm



**D14476**  
 PC lens

Magnetic Roll cable \*: unroll the desired amount of cable up to 3 m.



## WATER DROP

LED

R65

R10

- LED or HALOGENE
- For emergency vehicles (firefighter, ambulance, police)

DURABILITY ●●●○○  
EMC ●●●○○  
COST ●●●○○  
SIZE ●●○○○



**D14481** (Rotative)  
Magnetic | LED | 10-30V | 190 x 135 mm



**D14454**  
Magnetic | H1 12V | 190 x 135 mm



**D14455**  
Magnetic | H1 12V | 190 x 135 mm



**D14456**  
PC lens



**D14457**  
PC lens

## TAURUS LED

LED

R65

R10

- For emergency vehicles (firefighter, ambulance, police)
- Flash

DURABILITY ●●●●○  
EMC ●●●○○  
COST ●●●○○  
SIZE ●●●●○



**D14733** (Flash)  
Pole | 10-30V | Ø 128 x 203 mm



**D14732** (Flash)  
3 screws | 10-30V | Ø 146 x 158 mm



**D14735** (Flash)  
Magnetic | 10-30V | Ø 142 x 168 mm



**D14734** (Flash)  
Magn. Roll cable\* | 10-30V | Ø 142 x 175 mm



**D14736**  
PC lens



## ACCESSORIES



**D14513**  
Socket to be screwed



**D14514**  
Socket with central clamp



**D14515**  
Rotating socket 360°



**D14516**  
Telescopic extension rod 80/135cm



**D14511**  
Flat gasket



**D14512**  
Tilted gasket

Magnetic Roll cable \*: unroll the desired amount of cable up to 3 m.

# TRIFLASH LED 500



- DURABILITY ●●●●○
- EMC ●●●●○
- COST ●●●●○
- SIZE ●●○○○

- Shock proved plastic compound body
- Light weight 2,4 kg
- 3 LED high intensity modules IP 69K
- Foldable with front/rear spring hinge
- Easy maintenance
- AK5 symbol - site or work area
- Automatic sensor day/night
- Respect of all current approvals



**D14760** (3 m cable)

Class 1 | 10-30V

Class 1: town and trunk roads



**D14762** (3 m cable)

Class 2 | 10-30V

Class 2: highways



**Ref on request**

Bar with triflash and LED beacons

Class 1 or 2 | 10-30V



**Ref on request**

Electric lift

Class 1 or 2 | 10-30V



## Coming soon: Modular and extra-flat LED light bar

### LENGTHS

- 950 mm
- 1250 mm
- 1550 mm
- 1850 mm

### COLOURS

- LED Amber ■
- LED Blue ■

### EMC

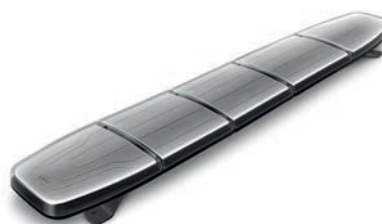
- ECE R10
- CISPR25

### LIGHT PATTERNS ECE R65

- Double Flash
- Alternate Flash
- Rotative

### OPTIONS

- Work lights (front and rear)
- Alley lights
- Stop / tail / indicator
- Traffic Master
- Backlight for inscription (opal)
- Cruise lights





## MULTILED



- Multifunctions (flash, double flash, rotative)

DURABILITY ●●●●○  
 EMC ●●●○○  
 COST ●●●●○  
 SIZE ●●●○○



**D14504**  
 1 point | 10-30V | 504 x 235 x 104 mm



**D14505**  
 Magnetic | 10-30V | 504 x 235 x 134 mm



**D14506**  
 PC lens

## MULTILUX



- H1 24V bulb fitted - 12V bulb supplied in the box

DURABILITY ●●○○○  
 EMC ●●●○○  
 COST ●●●○○  
 SIZE ●●●○○



**D14472**  
 1 point | H1 12/24V | 504 x 235 x 104 mm



**D14473**  
 Magnetic | H1 12/24V | 504 x 235 x 134 mm



**D14474**  
 PC lens

## MICRO BAR



- Ultra compact
- 22 light patterns available

DURABILITY ●●●●○  
 EMC ●●●○○  
 COST ●●●●○  
 SIZE ●○○○○



**D14830**  
 Magnetic | 12/24V | 248 x 172 x 37 mm



# DIRECTIONAL LIGHTS

## DL LONG

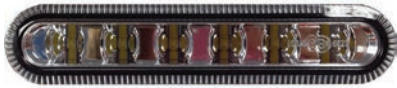


DURABILITY ●●●●○  
 EMC ●●●●○  
 COST ●●○○○  
 SIZE ●●○○○

- Alternate Flash
- 3 colours: amber (R65 + R10), crystal (R10), blue (R65 + R10)
- 10 light patterns

- Ultra compact
- Dual colour amber/crystal R65 + R10
- 12 light patterns

- Window mounting (suction cup kit) or permanent grid
- 3 colours: amber (R65 + R10), crystal (R10), blue (R65 + R10)
- 20 light patterns



D14190 ●  
 D14354 ○  
 D14353 ●  
 10-30V | 142 x 30 x 35 mm



D14833 ●  
 10-30V | 142 x 30 x 35 mm



D14887 ●  
 D14831 ○  
 D14888 ●  
 10-30V | 161 x 53 x 112 mm

## DL SMALL



DURABILITY ●●●●○  
 EMC ●●●●○  
 COST ●●●●○  
 SIZE ●○○○○

- Ultra compact
- 3 colours: amber (R65 + R10), crystal (R10), blue (R65 + R10)
- 10 light patterns



D13860 ●  
 D13863 ○  
 D13862 ●  
 10-30V | 91 x 45 x 25 mm

GLOBAL DESIGN FOR LOCAL PRODUCTION

