



Australia



# BEACON

## APPLICATION GUIDE



# HELLA BEACON RANGE



## K-LED Nano

- 3 sizes and 4 colours for extra adaptability
- Versatile mounting; fixed or flexible pipe-socket mounting
- Designed for a wide range of applications
- **CISPR25 Class 5**



## RotaLED Compact

- Compact design for added versatility
- Rotating beacon, SAE Class 1 or 2
- Fixed, pipe or magnetic mounting to suit different vehicles
- **CISPR25 Class 5**



## RotaLED

- Fixed, pipe or magnetic mounting to suit different vehicles
- Rotating beacon, SAE Class 2
- Shock absorbent rubber base protects against impact
- **CISPR25 Class 5**



## KL 7000

- Compact, flat dome design, suitable for a wide range of applications
- Rotating beacon, SAE Class 2
- Fixed, pipe or magnetic mounting to suit different vehicles
- **CISPR25 Class 5**



## K-LED Rebelution

- Sleek, compact and dome free design
- Clear warning signal with 360° EdgeLight
- Mount anywhere - fixed, pipe-socket or magnetic mount
- Rotating beacon with SAE Class 2



## DID YOU KNOW?

CISPR 25 is the standard for emitted interference (EMC) that use a classification from 1 to 5. Class 5 products meet the highest requirements and are even suitable for mounting situations directly next to an antenna.



Visit our website to learn more about our range  
[www.hella.com/australiansolutions](http://www.hella.com/australiansolutions)



### K-LED Quadra

- Unique square design with flexible mounting options
- Two sizes in 110mm and 135mm height
- Easy retrofit – retains HM-series bolt pattern with 135mm beacon
- Rotating and flashing, SAE class 1
- **CISPR25 Class 5**



### Corner Module 270

- Wide angled coverage - two units cover 270°, four units cover 360°
- Synchronisation of 2 or 4 units
- Surface mount with bracket or integrate into bodywork for sleek installs
- **CISPR25 Class 5**



### K-LED 2.0

- Extra flat, impact resistant polycarbonate dome
- Available in 4 different colours
- Rotating and flashing beacon, SAE class 1
- **CISPR25 Class 5**



### UltraRAY

- High performance, tough construction
- Fixed or magnet mount available
- Rotating or flashing beacon, SAE class 1
- **CISPR25 Class 5**



### DuraRAY

- Integrated day/night sensor automatically adjusts output to conditions
- Heavy duty construction, ideal for extreme mining environments
- Extra strong warning effect
- Rotating and flashing beacon, SAE class 1
- **CISPR25 Class 5**



# THE HELLA CHOICE

## Market innovator for over 70 years

Deep technical knowledge that continues to set industry benchmarks for safety lighting solutions.

## Premium materials

Only high grade components and housing materials are used, delivering durability, optical clarity, and consistent manufacturing quality.

## Superior Thermal Management

Advanced heat dissipation systems protect internal electronics, maximising service life, especially critical for LED technology.

## Built In electrical protection

Over voltage and reverse polarity safeguards ensure beacons remains protected from incorrect installation or electrical system fluctuations.

## State of the art production facilities

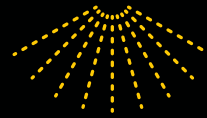
Manufactured using the latest automation, precision tooling, and quality assurance technologies to deliver consistent, world class output.



IMMERSION & PRESSURE  
TIGHTNESS TEST



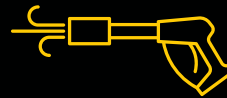
DUST  
TEST



SPLASHING  
WATER TEST



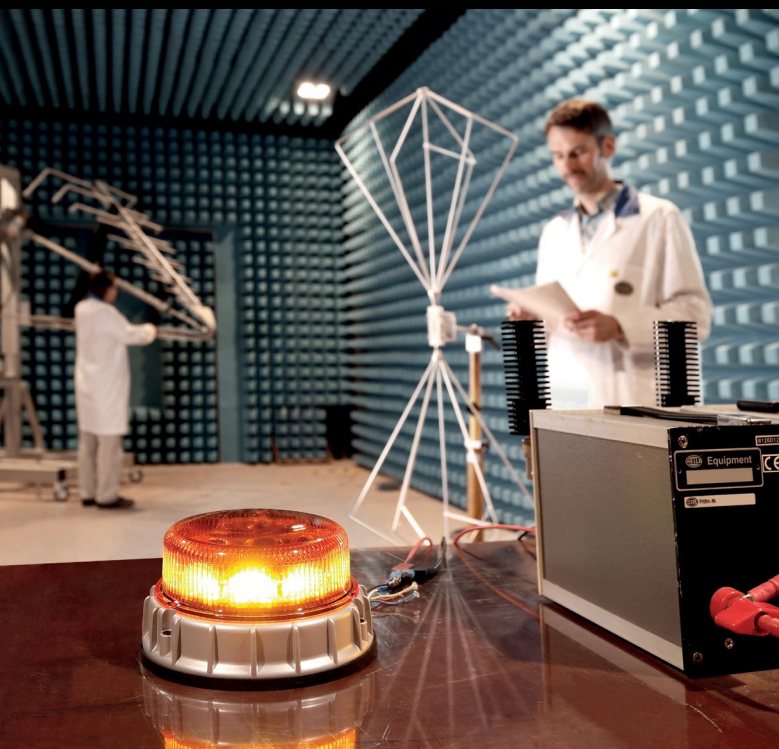
HEAT, MOISTURE  
& COLD TESTS



HIGH-PRESSURE  
CLEANER TEST



VIBRATION  
TEST



# QUALITY FIRST!

Prior to their market launch, all products undergo intensive testing so that they will be able to withstand the most demanding conditions.

Our strict test procedures, which are in accordance with FORVIA HELLA's own standard 67001, guarantee the high quality that you can certainly rely on.

“ In the heavy vehicle industry, reliability, visibility and safety on the road are non negotiable. ”

# TRUCK & TRAILER

HELLA provides high performance warning solutions designed to withstand the demands of long-haul transport, heavy loads and constant exposure to harsh environments.

Featuring advanced LED technology, robust construction and multiple mounting options, HELLA beacons ensure your fleet is seen early and clearly, reducing risk for drivers, operators and everyone around them.



K-LED Nano



K-LED Rebelution



K-LED 2.0



K-LED Quadra - 110mm



Ready to upgrade your fleet's safety and visibility?

Contact us today for a tailored solution or visit our website for more details.

# MATERIAL HANDLING

K-LED Nano



RotaLED Compact



RotaLED



In the fast paced world of material handling, clear visibility and dependable signalling are essential for keeping operators, pedestrians and equipment safe. Warehouses, distribution centres and industrial sites rely on precise movement and constant awareness.

HELLA's range of beacons are designed to support exactly that. Built with durable LED technology, compact designs and versatile mounting options, HELLA beacons deliver consistent, high intensity warning light ideal for forklifts, loaders, conveyors and other material handling machinery.

# MUNICIPAL

For our customers in the municipal sector, we equip garbage trucks, street sweepers and airport vehicles with the appropriate lighting products.

These vehicles must remain highly visible to protect workers and the public, especially when navigating tight urban streets, school zones or roadside work areas.

HELLA's Beacon Program provides municipalities with robust, energy efficient LED beacons engineered for long service life, superior visibility and dependable performance in any weather.



## DID YOU KNOW?

HELLA launched the world's first LED beacon in 2006.

“ Municipal vehicles operate daily in busy, unpredictable environments.

Visibility is the first line of defense in road safety. ”



# EMERGENCY VEHICLES

Emergency vehicles operate in the most demanding, high stakes environments, where every second counts and visibility can be the difference between a clear path and a critical delay.

Our beacons deliver high performance warning signals engineered specifically for emergency responders, providing powerful, reliable and instantly recognisable signalling for ambulances, fire services, rescue units and support vehicles.



K-LED Nano



RotaLED Compact



RotaLED



KL 7000



K-LED Quadra - 110mm



K-LED Nano



RotaLED Compact



K-LED Rebelution



RotaLED



K-LED Quadra - 135mm



KL 7000



Corner Module 270



# AGRICULTURE

Agricultural operations demand equipment that can perform safely and reliably across wide, open fields, rugged terrain and low visibility conditions.

Tractors, harvesters, sprayers, and other farm machinery often operate at dawn, dusk and through dusty or foggy environments, making high quality warning lights essential.

HELLA delivers durable, high output LED beacons designed specifically to meet these challenges, ensuring farmers and surrounding workers remain visible and protected at all times.



# CONSTRUCTION

K-LED Nano



RotaLED Compact



RotaLED



KL 7000



K-LED Quadra - 135mm



K-LED 2.0



UltraRAY



Construction sites are dynamic, high risk environments where heavy equipment, constant movement and limited visibility create significant safety challenges.

From excavators and graders to rollers, cranes and service vehicles, operators need dependable signalling to keep crews and bystanders aware of active machinery.

HELLA's beacons deliver rugged and durable warning lights engineered for the harsh realities of construction work; dust, vibration, shock, extreme temperatures and long operating hours.

## DID YOU KNOW?

HELLA's thermal management reduces the heat from the LEDs and releases it to the environment. Without it, there would be an overload of the LEDs which can lead to failure.

“ Mining is the toughest industry in the world and in mining operations, visibility is not optional - it's protection. ”

# MINING



K-LED 2.0



UltraRAY



DuraRAY



K-LED Quadra - 135mm



Huge machines are in operation around the clock and the work is precisely timed, requiring drivers' fullest concentration.

Reliable lighting products ensuring optimal visibility are therefore essential. Our lighting solutions must pass the toughest in-house testing procedures before they are used for field trials in the mining industry.

Only the most robust and highest quality products are approved for use in mining. With innovative lighting products, we support safety and productivity in this demanding environment. HELLA Mining is your reliable partner in the mining sector.

## DID YOU KNOW?

HELLA uses intelligent electronic concepts. These are necessary to achieve the extreme long lifetime of our beacons.



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