# PRIMARY WARNING
# LED LIGHT RANGE

**LED BEACONS**          **LED LIGHT BOXES**

LIGHTING EVOLVED
GENUINE
Vision
Global Lighting Systems
SINCE 1997
VISIONXLIGHTING.COM

BE **SEEN**          BE **SAFE**

THE VISION TO GO FURTHER

OPTITECH

AEROTECH®

AEROTECH® LIGHT BOX

AEROTECH® HD

TREMOR XD

## WHAT SETS THE VISION X WARNING LIGHT RANGE APART?

Designed, Engineered and tested by Vision X to suit local market conditions. A product for every price point and application with features matched to market needs:

### DURABILITY

Ultra durable with military spec vibration resistance and ingress resistance up to IP-69K. Virtually unbreakable polycarbonate lenses. Products built to last backed by market-leading warranties.

### PERFORMANCE

Strobes in a range of sizes to suit industry needs. Up to 6x brighter than SAE minimum with SAE-approved beam patterns. Performance you need, exactly how you need it.

### COMPLIANCE

SAE, R65, R10, CISPR25, ROHS, Reach, IP. Ultra bright, smooth output which meets or exceeds all international standard, giving you more time to focus on your industry.

### VERSATILITY

Product to suit each application, available in a range of sizes and colors. Premium parts and a variety of mounting options; expertly-designed beacons for any task industrial, commercial, or more.

## INCREASE YOUR SECURITY

# VISION X RANGE
## Primary Warning L.E.D. Light

GOOD DESIGN AWARD® WINNER 2022

The Vision X range has one or more products to suit any amber applications. The more rigorous the applications the further to the right on the chart the suitable product is. This also applies to larger applications, as the vehicle gets larger, more light is required to effectively warn those around the vehicle.

**Beacon  vs  Light Box:**
There are three main types of primary warning light, each provide different features to the user. The Vision X range has been designed so that for just about every application there is at least one beacon, one strobe and one light box that can meet the applications needs.

| LIGHT COMMERCIAL | COMMERCIAL & CONSTRUCTION | INDUSTRIAL & MINING |
|---|---|---|

**AEROTECH®**

P/No. AERO-85600A    AERO-85606A

AERO-85606A    AERO-85612A

**TREMOR XD**

TREM-85246A
TREM-85250A

**AEROTECH®**

P/No. AERO-85015A

AERO-85017A

AERO-85015A

AERO-85017A

AERO-85019A

**Optitech**

P/No. OPT-85660A

OPT-85660A

**AEROTECH® HD**

AERO-85620A
AERO-85618A

AERO-85620A
AERO-85618A

Vision Global Lighting Systems
LIGHTING EVOLVED • GENUINE • SINCE 1997 • visionxlighting.com

# VISION X QUALITY
## Visibility Upgrade Experience

## ENVIRONMENTAL TESTING:

The Vision X in house testing lab has extensive environmental testing equipment including thermal shock, dust, rain, temperature and humidity training. Each warning light in the Vision X range is tested to ensure it is fit for the application it is designed for as well as the conditions it will operate under.
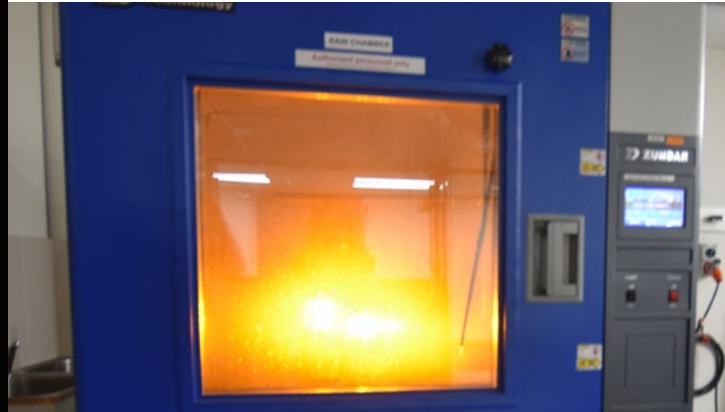
## PHOTOMETRIC TESTING:

The Vision X warning lights are tested in-house in the Vision X  light lab as well as independently certified labs to ensure they meet all the relevant standards including SAE, ECE and California title 13.
All Vision X warning lights are also tested and certified to ensure electrical safety as well as ensuring no radio frequency interference. All products adhere to ECE R10 for electrical safety and most are also CISPR25 rated for added RFI protection.

## VIBRATION TESTING:

Vibration is a major factor that can cause premature failure in emergency lighting products as they are used in the worlds harshest conditions. Vision X tests all their warning lights to international standards in independent laboratories. Where products will be used in industrial and mining applications Vision X also tests to the more stringent military standard MIL-STD-810G. This testing ensures the lamps will not fail due to the conditions they are used in. Most are also CISPR25 rated for added RFI protection.

# WARNING LIGHT
## Application Guide

*Vision — Global Lighting Systems — Lighting Evolved — Genuine — Since 1997 — visionxlighting.com*

| RANGE | PART NO. | Outdoor Forklift | Vans | Flat Beds | Sweepers | Pick-ups | Small Trucks | Traffic Management | |
|---|---|---|---|---|---|---|---|---|---|
| **LIGHT COMMERCIAL** | | | | | | | | | |
| Optitech | OPT-85660A | Green | Green | Green | Red | Green | Green | Red | Green |
| Aerotech | AERO-85600A | Green | Green | Green | Green | Green | Orange | Orange | Orange |
| Aerotech | AERO-85606A | Orange | Green | Green | Green | Green | Green | Green | Orange |
| Aerotech | AERO-85612A | Red | Orange | Green | Orange | Green | Green | Orange | Orange |
| Aerotech | AERO-85015A | Red | Green | Green | Green | Green | Red | Green | Orange |
| Aerotech | AERO-85017A | Gray | Orange | Orange | Green | Green | Green | Orange | Orange |
| Aerotech | AERO-85019A | Gray | Orange | Orange | Orange | Orange | Green | Orange | Orange |
| Aerotech HD | AERO-85018A | Red | Orange | Orange | Orange | Orange | Orange | Orange | Orange |
| Aerotech HD | AERO-85020A | Red | Orange | Orange | Orange | Orange | Orange | Orange | Orange |
| Tremor XD | TREM-85246A | Gray | Red | Red | Red | Orange | Orange | Orange | Orange |

The Vision X **Primary Warning Light Range** has multiple options for each application with most allowing the user to choose between at least one beacon, strobe and light box. It is important to match the application to the product at the heavy duty end but equally important for the light commercial end as over specified products may be uncompetitive in that market. For that reason Vision X have compiled a simple color coded guide for some key applications. This is by no means an exhaustive list but most applications can be categorized in one of these applications.

## COMMERCIAL & CONSTRUCTION — INDUSTRIAL & MINING

| Utility Bodies | Maintenance Vehicles | Light Construction | Tractors | Heavy Transport | Heavy Construction | Garbage Trucks | Forestry | Mining Trucks | Mining Equipment (eg. drills) |
|---|---|---|---|---|---|---|---|---|---|
| Ideal | Ideal | Ideal | Ideal | Ideal | Ideal | Acceptable | Occasional | Not suitable | Not suitable |
| Acceptable | Acceptable | Acceptable | Occasional | Not suitable | Not suitable | Not suitable | Not suitable | Not suitable | Not suitable |
| Acceptable | Acceptable | Acceptable | Ideal | Occasional | Occasional | Occasional | Not suitable | Not suitable | Not suitable |
| Ideal | Ideal | Ideal | Ideal | Acceptable | Occasional | Not suitable | Not suitable | Not suitable | Not suitable |
| Acceptable | Acceptable | Occasional | Occasional | Occasional | Not suitable | Not suitable | Not suitable | Not suitable | Not suitable |
| Ideal | Ideal | Acceptable | Acceptable | Acceptable | Occasional | Occasional | Occasional | Occasional | Occasional |
| Ideal | Ideal | Acceptable | Acceptable | Ideal | Ideal | Ideal | Ideal | Ideal | Ideal |
| Acceptable | Acceptable | Acceptable | Occasional | Ideal | Ideal | Ideal | Ideal | Acceptable | Acceptable |
| Acceptable | Acceptable | Acceptable | Occasional | Ideal | Ideal | Ideal | Ideal | Ideal | Ideal |
| Acceptable | Acceptable | Acceptable | Acceptable | Ideal | Ideal | Ideal | Ideal | Ideal | Ideal |

**Legend:** Ideal (green) · Acceptable (orange) · Occasional (red) · Not suitable (grey)

P/No. AERO-85600A

P/No. AERO-85606A

P/No. AERO-85612A

The vehicle in the image is equipped with:
AERO-85606A

# AEROTECH® LED BEACONS

## VISIBLE, DURABLE, ADAPTABLE

AeroTech® is a family of L.E.D strobes designed to make strobe selection easy. The range features strobes to suit any amber application. The key is that no matter the strobe the three key reasons to buy remain the same. AeroTech® strobes are Visible, Durable and Adaptable.

## 4 FLASH PATTERNS
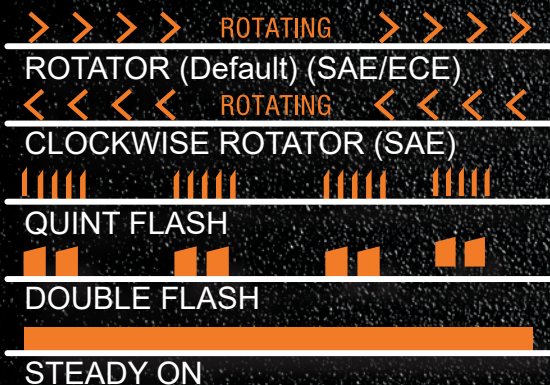
ROTATING
ROTATOR (Default) (SAE/ECE)

ROTATING
CLOCKWISE ROTATOR (SAE)

QUINT FLASH

DOUBLE FLASH

STEADY ON

Integrated light sensor ensures no dazzling in low light conditions (Night Mode). Sensor can be overridden if required.

## MORE AERODYNAMIC

The unique shape reduces drag by up to 60% which results in less high speed wind noise.

Front

Drag

## KEY FEATURES:

4 Selectable Flash Patterns

Selectable Day/Night Mode

CISPR25 Class 3 and ECE R10 complied

ECE R65 & ECE R10 Approved

Solid state circuitry and ultra-sonic sealing (IP67)

Virtually unbreakable polycarbonate lens & base

Alternating or synchronized operations of up to 5 strobe units

## VERSATILE MOUNTING:
Available in 3 Bolt (Flange), Single Bolt, DIN Mount, Flexible Pole Mount and Vacuum Magnetic Mount

**FLANGE**  **SINGLE BOLT**  **FIXED DIN**  **FLEX DIN**  **MAGNETIC**

# LIGHT COMMERCIAL | COMMERCIAL & CONSTRUCTION

GOOD DESIGN AWARD WINNER 2022

## TECHNICAL INFORMATION

**10-33 VOLT** | SAE CLASS 1 | CISPR 25 CLASS 3 | ECE R65 APPROVED | ECE R10 APPROVED | ISO 58Grms 50G SHOCK TESTED

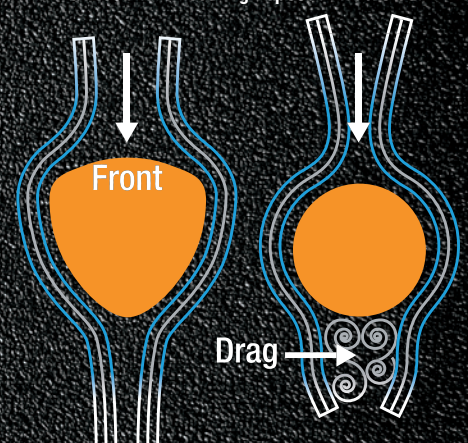| MODEL | PART# | LED | MOUNTING | AMP. @12V | WATTS | WEIGHT | DIMENSION | ECE APPROVAL |
|---|---|---|---|---|---|---|---|---|
| | AERO-85600A | 9x5W | Flange | 0.6A Rot. / 1.4A Flash | 45W | 0.73lbs | 5.31" x 5.28" x 2.68" | ECE R65 TA1, ECE R10 |
| | AERO-85601A | 9x5W | Single Bolt | 0.6A Rot. / 1.4A Flash | 45W | 0.73lbs | 5.31" x 5.28" x 2.68" | ECE R65 TA1, ECE R10 |
| | AERO-85602A | 9x5W | Fixed DIN | 0.6A Rot. / 1.4A Flash | 45W | 0.73lbs | 5.31" x 5.28" x 2.68" | ECE R65 TA1, ECE R10 |
| | AERO-85603A | 9x5W | Flex DIN | 0.6A Rot. / 1.4A Flash | 45W | 0.73lbs | 5.31" x 5.28" x 2.68" | ECE R65 TA1, ECE R10 |
| | AERO-85604A | 9x5W | Magnetic | 0.6A Rot. / 1.4A Flash | 45W | 0.73lbs | 5.31" x 5.28" x 2.68" | ECE R65 TA1, ECE R10 |
| | AERO-85606A | 18x5W | Flange | 1A Rot. / 1.6A Flash | 90W | 0.91lbs | 5.31" x 5.28" x 3.54" | ECE R65 TA2, ECE R10 |
| | AERO-85607A | 18x5W | Single Bolt | 1A Rot. / 1.6A Flash | 90W | 0.91lbs | 5.31" x 5.28" x 3.54" | ECE R65 TA2, ECE R10 |
| | AERO-85608A | 18x5W | Fixed DIN | 1A Rot. / 1.6A Flash | 90W | 0.91lbs | 5.31" x 5.28" x 3.54" | ECE R65 TA2, ECE R10 |
| | AERO-85609A | 18x5W | Flex DIN | 1A Rot. / 1.6A Flash | 90W | 0.91lbs | 5.31" x 5.28" x 3.54" | ECE R65 TA2, ECE R10 |
| | AERO-85610A | 18x5W | Magnetic | 1A Rot. / 1.6A Flash | 90W | 0.91lbs | 5.31" x 5.28" x 3.54" | ECE R65 TA2, ECE R10 |
| | AERO-85612A | 36x1W | Flange | 1A Rot. / 1.6A Flash | 36W | 1.3lbs | 5.31" x 5.28" x 5.12" | ECE R65 TA2, ECE R10 |
| | AERO-85613A | 36x1W | Single Bolt | 1A Rot. / 1.6A Flash | 36W | 1.3lbs | 5.31" x 5.28" x 5.12" | ECE R65 TA2, ECE R10 |
| | AERO-85614A | 36x1W | Fixed DIN | 1A Rot. / 1.6A Flash | 36W | 1.3lbs | 5.31" x 5.28" x 5.12" | ECE R65 TA2, ECE R10 |
| | AERO-85615A | 36x1W | Flex DIN | 1A Rot. / 1.6A Flash | 36W | 1.3lbs | 5.31" x 5.28" x 5.12" | ECE R65 TA2, ECE R10 |
| | AERO-85616A | 36x1W | Magnetic | 1A Rot. / 1.6A Flash | 36W | 1.3lbs | 5.31" x 5.28" x 5.12" | ECE R65 TA2, ECE R10 |

**5 YEARS** FUNCTION WARRANTY 50,000 HOURS

P/No. AERO-85618A



P/No. AERO-85620A

The vehicle in the image is equipped with: AERO-85620A

Available in multiple colors:

# AEROTECH® HD HEAVY DUTY LED BEACONS

## VISIBLE, DURABLE, ADAPTABLE

Building on the AeroTech® family are the AeroTech® Heavy Duty L.E.D Strobes. These strobes are designed to be more visible and more durable making the AeroTech® range even more adaptable to any application. Designed to thrive in all conditions, especially industrial and mining conditions. These strobes suit even the biggest vehicles in the toughest conditions.

## 4 FLASH PATTERNS
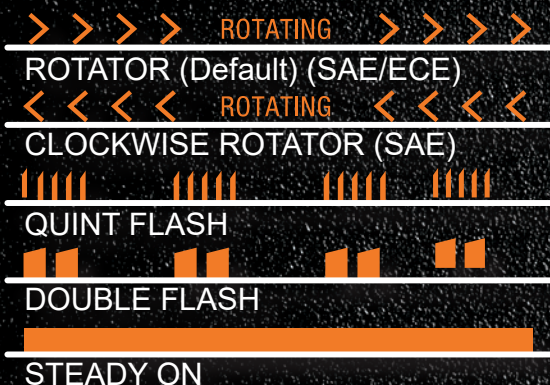
ROTATING
ROTATOR (Default) (SAE/ECE)

ROTATING
CLOCKWISE ROTATOR (SAE)

QUINT FLASH

DOUBLE FLASH

STEADY ON

Integrated light sensor ensures no dazzling in low light conditions (Night Mode). Sensor can be overridden if required.

## MORE AERODYNAMIC

The unique shape reduces drag by up to 60% which results in less high speed wind noise.

Front

Drag

## KEY FEATURES:

Selectable Day/Night Mode

4 Selectable Flash Patterns

CISPR25 Class 3 and ECE R10 complied

ECE R65 & ECE R10 Approved

Ultrasonic welding - ensures waterproof to IP67 & IP69K

Virtually unbreakable polycarbonate lens & Heavy duty die cast aluminum base

Superior electrical design with solid state circuitry

Alternating or synchronized operations of up to 6 strobe units

# COMMERCIAL & CONSTRUCTION | INDUSTRIAL

GOOD DESIGN AWARD® WINNER 2022

## TECHNICAL INFORMATION
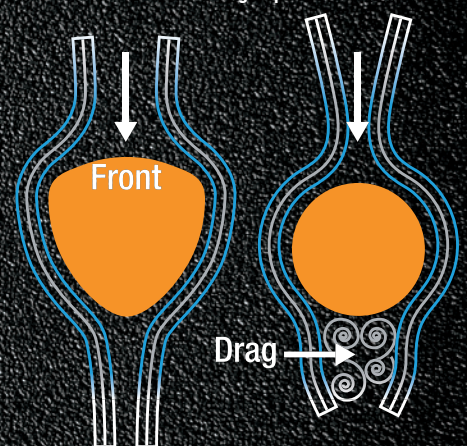
| 10-33 VOLT | SAE CLASS 1 | CISPR 25 CLASS 3 | ECE R65 APPROVED | ECE R10 APPROVED | MIL SPEC VIBRATION RATED |

| PART# | LED | LENS COLOR | AMP. @12V | WATTAGE | WEIGHT | DIMENSION | ECE APPROVAL |
|---|---|---|---|---|---|---|---|
| AERO-85618A | 18x5W | Amber | 1.1A Rotate/ 2.4A Flash | 90W | 1.36lbs | 6.10" x 6.10" x 3.94" | ECE R65 TA2, ECE R10 |
| AERO-85620A | 36x3W | Amber | 1.1A Rotate/ 2.4A Flash | 108W | 1.94lbs | 6.10" x 6.10" x 6.30" | ECE R65 TA2, ECE R10 |
| AERO-85620B | 36x3W | Blue | 1.1A Rotate/ 2.4A Flash | 108W | 1.94lbs | 6.10" x 6.10" x 6.30" | ECE R65 TA2, ECE R10 |
| AERO-85620G | 36x3W | Green | 1.1A Rotate/ 2.4A Flash | 108W | 1.94lbs | 6.10" x 6.10" x 6.30" | ECE R65 TA2, ECE R10 |

- **Large profile for maximum visibility**
- **Allows more reflector space than the same sized round strobe, resulting in a wider illumination area.**
- **Alternating or synchronized operations of up to 6 strobe units**
- **6X Brighter than SAE minimum**
- **SAE Class 1 and ECE R65 TA2 complied**
- **CISPR25 Class 3 and ECE R10 complied**

5 YEARS FUNCTION WARRANTY
50.000 HOURS

P/No. AERO-85015AC

P/No. AERO-85015A

P/No. AERO-85017AC

P/No. AERO-85017A

P/No. AERO-85019AC

P/No. AERO-85019A

The vehicle in the image is equipped with:
AERO-85019A

# AEROTECH® LED LIGHT BOXES

## 6 FLASH PATTERNS

Optional Day/Night mode ensures not to dazzle in low light conditions while being ultra visible during the day.

Double Flash (SAE, ECE TA2)

LEFT
RIGHT
Ultra (alternating flash)

FRONT
REAR
Ultra (cross flash )

> > > > > ROTATING > > > > >
Rotate

Quint

> > > > > > ROTATING > > > > > >
Double rotate

Steady on

## VISIBLE, DURABLE, ADAPTABLE

The revolutionary AeroTech® light box range is the brightest in the Vision X range of primary warning lights. Featuring 3 sizes which can suit everything from light commercial up to transport, construction and mining applications. AeroTech® light boxes are also easy and versatile to mount because of the integrating cradle which allows mounting with or without the cradle. The range includes amber and clear lens models as well as magnetic mounting versions with over 9 feet of cable as well as in dual color.
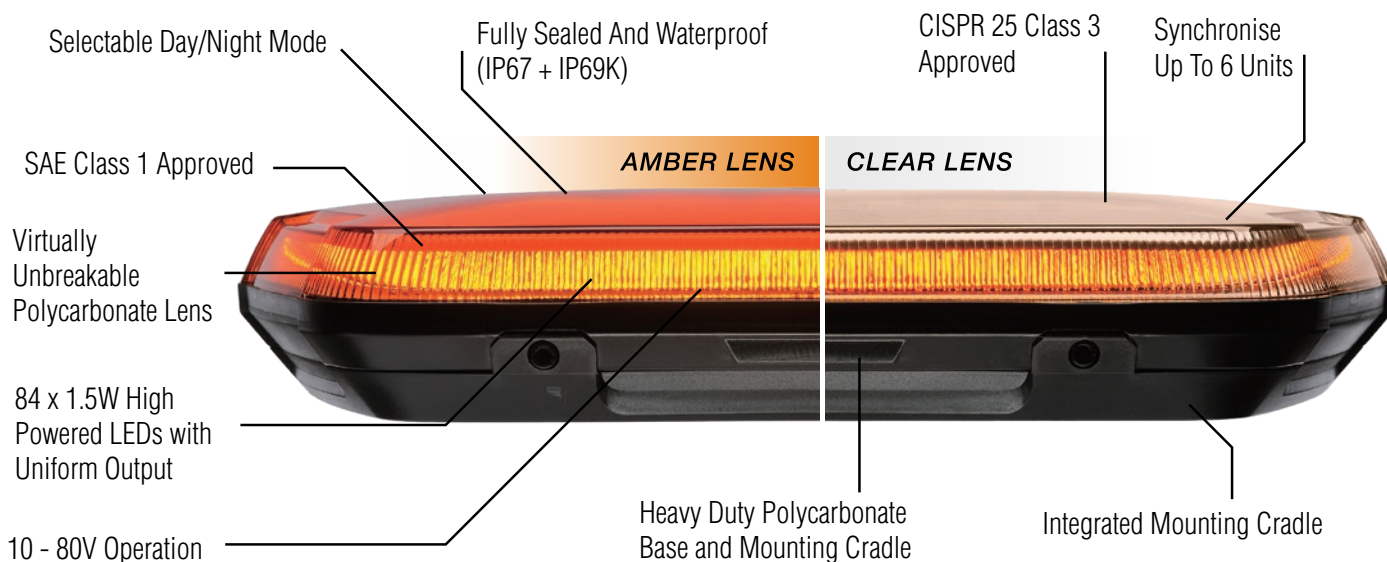
● Vision X's most visible primary warning lights

● Ultra bright, smooth output which meets and exceeds all international standards

● Optional night mode via extra wire

● Ultra durable with extreme vibration resistance

● Versatile, easy mounting

● Available in a range of sizes and colours to suit just about any application

Amber and clear lens models available with magnetic mounting options with over 9 feet of cable.

## KEY FEATURES:

Selectable Day/Night Mode

Fully Sealed And Waterproof (IP67 + IP69K)

CISPR 25 Class 3 Approved

Synchronise Up To 6 Units

SAE Class 1 Approved

**AMBER LENS**

**CLEAR LENS**

Virtually Unbreakable Polycarbonate Lens

84 x 1.5W High Powered LEDs with Uniform Output

10 - 80V Operation

Heavy Duty Polycarbonate Base and Mounting Cradle

Integrated Mounting Cradle

# LIGHT COMMERCIAL | COMMERCIAL & CONSTRUCTION

## TECHNICAL INFORMATION

10-80 VOLT

SAE CLASS 1

CISPR 25 CLASS 3

ECE R65 APPROVED

ECE R10 APPROVED

ISO 58Grms 50G SHOCK TESTED

| PART# | LED | AMP. @12V | WATTAGE | WEIGHT | DIMENSION | ECE APPROVAL |
|---|---|---|---|---|---|---|
| AERO-85015A | 54x1.5W | 1.7A Rotate/ 3.5A Flash | 81W | 4.20lbs | 6.14" x 9.84" x 2.52" | ECE R65 TA2, ECE R10 |
| AERO-85015AC | 54x1.5W | 1.7A Rotate/ 3.5A Flash | 81W | 4.20lbs | 6.14" x 9.84" x 2.52" | ECE R65 TA2, ECE R10 |
| AERO-85017A | 84x1.5W | 2.1A Rotate/ 3.7A Flash | 126W | 4.20lbs | 7.87" x 14.96" x 2.63" | ECE R65 TA2, ECE R10 |
| AERO-85017AC | 84x1.5W | 2.1A Rotate/ 3.7A Flash | 126W | 4.20lbs | 7.87" x 14.96" x 2.63" | ECE R65 TA2, ECE R10 |
| AERO-85019A | 168x1.x5W | 2A Rotate/ 4.3A Flash | 252W | 4.55lbs | 7.87" x 14.96" x 3.50" | ECE R65 TA2, ECE R10 |
| AERO-85019AC | 168x1.x5W | 2A Rotate/ 4.3A Flash | 252W | 4.55lbs | 7.87" x 14.96" x 3.50" | ECE R65 TA2, ECE R10 |

## MOUNTING OPTION

**Magnetic mounting option rated to 120km/h**

**AMBER MAGNETIC**
PART# : AERO-85016A

**CLEAR MAGNETIC**
PART# : AERO-85016AC

**5 YEARS**
FUNCTION WARRANTY
50.000 HOURS

P/No. OPT-85660A

Available in multiple colors:

P/No. OPT-85660AG

The vehicle in the image is equipped with: OPT-85660A

# Optitech LED BEACONS

## THE HALOGEN KILLER

The Optitech L.E.D Beacon range has been designed to blend the halogen beacon with L.E.D technology to create a range of products that will change the market forever. Never before has an L.E.D beacon been at or below the price of a halogen beacon with such high quality, durable construction.

## UPGRADED VISIBILITY

- 2x Brighter than SAE standard
- 6 x 5 Watt high powered LEDs
- Proprietary Reflector Optic
- Ultra smooth rotating beam
- Visibility range comparable to 55W or 70W halogen bulb version
- Dual color output (The beacon is designed only to switch between colors not run two colors alternating)
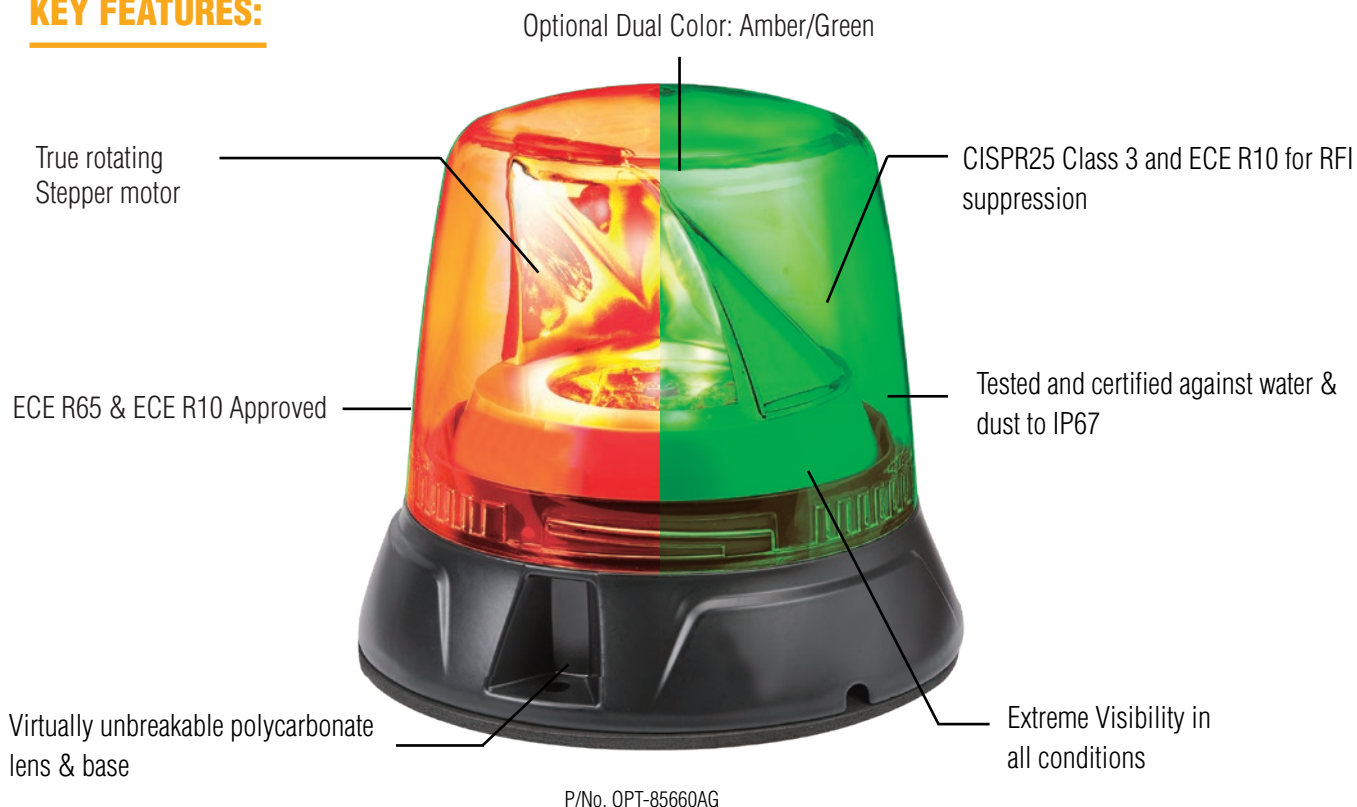
## UPGRADED RELIABILITY

- Virtually unbreakable polycarbonate lens
- SAE Class 1 and ECE R65 TA2 complied
- Non-reflective reflector back
- 10-33V Multi Volt operation
- Reverse polarity protected
- Stepper motor for reliable, quiet operation
- Fully sealed and waterproof (IP67)
- Heavy duty die-cast aluminum base

## KEY FEATURES:

- True rotating Stepper motor
- ECE R65 & ECE R10 Approved
- Virtually unbreakable polycarbonate lens & base
- Optional Dual Color: Amber/Green
- CISPR25 Class 3 and ECE R10 for RFI suppression
- Tested and certified against water & dust to IP67
- Extreme Visibility in all conditions

P/No. OPT-85660AG

# LIGHT COMMERCIAL | COMMERCIAL & CONSTRUCTION

## TECHNICAL INFORMATION

**10-33 VOLT** | SAE CLASS 1 | CISPR 25 CLASS 3 | ECE R65 APPROVED | ECE R10 APPROVED | ISO 21 Grms 50G SHOCK TESTED

| PART# | COLOR | LED | AMP. @12V | WATTAGE | WEIGHT | DIMENSION | ECE APPROVAL |
|---|---|---|---|---|---|---|---|
| OPT-85660A | Amber | 6x5W | 1A | 30W | 0.73lbs | 6.06" x 6.06" x 5.47" | ECE R65 TA2, ECE R10 |
| OPT-85660AG | Amber/Green | 6x5W | 1A | 30W | 0.73lbs | 6.06" x 6.06" x 5.47" | ECE R65 TA2, ECE R10 |
| OPT-85660C | Clear | 6x5W | 1A | 30W | 0.73lbs | 6.06" x 6.06" x 5.47" | ECE R65 TA2, ECE R10 |
| OPT-85660A | Amber | 6x5W | 1A | 30W | 0.73lbs | 6.06" x 6.06" x 5.47" | ECE R65 TA2, ECE R10 |
| OPT-85660B | Blue | 6x5W | 1A | 30W | 0.73lbs | 6.06" x 6.06" x 5.47" | ECE R65 TA2, ECE R10 |
| OPT-85660G | Green | 6x5W | 1A | 30W | 0.73lbs | 6.06" x 6.06" x 5.47" | ECE R65 TA2, ECE R10 |
| OPT-85660R | Red | 6x5W | 1A | 30W | 0.73lbs | 6.06" x 6.06" x 5.47" | ECE R65 TA2, ECE R10 |

## VERSATILE MOUNTING
The Optitech Range is available in 3 Bolt (Flange), Single Bolt, DIN Mount, Flexible Pole Mount and Vacuum Magnetic Mount.

**FLANGE** PART# : OPT-85660A | **SINGLE BOLT** PART# : OPT-85662A | **FIXED DIN** PART# : OPT-85664A | **FLEX DIN** PART# : OPT-85666A | **MAGNETIC BASE** PART# : OPT-85668A

5 YEARS FUNCTION WARRANTY 50.000 HOURS

P/No. TREM-85250A



P/No. TREM-85250AC

The vehicle in the image is equipped with:
TREM-85250A

# TREMOR XD  Heavy Duty LED BEACONS

## BRIGHTER, QUIETER AND MORE DURABLE

Specifically designed to thrive in the super harsh environment of mines, the Tremor XD Small mining strobes are rated to IP69K and IP67. Featuring a die-cast aluminium base and virtually unbreakable polycarbonate lens, these strobes are made to last. They can be washed with a pressure washer and steam cleaned without compromising the product.

## 5 FLASH PATTERNS

- Flash rate - rotate at 120 FPM
- Flash rate - single flash at 122 FPM
- Night Mode output - 20%

ROTATING

SINGLE FLASH (SAE)

ULTRA FLASH

ROTATING
ROTATOR QUINT FLASH

QUINT FLASH

STEADY ON

## UPGRADED DURABILITY

- Military spec vibration resistance
- IP69K ingress protection - allows for pressure washing at heat
- Heavy duty die-cast aluminum base and polycarbonate lens
- Advanced circuitry and high output LEDs
- Smooth external lens to prevent external dust and dirt build up

**KEY FEATURES:**



5 Selectable Flash Patterns

Selectable Day/Night Mode

CISPR25 Class 3 and ECE R10 complied

ECE R65 & ECE R10 Approved

Fully Sealed And Waterproof (IP67 + IP69K)

Virtually unbreakable polycarbonate lens & Heavy duty die cast aluminum base

Superior electrical design with solid state circuitry

# INDUSTRIAL & MINING

## TECHNICAL INFORMATION

**9-80 VOLT**

| | | | | | |
|---|---|---|---|---|---|
| SAE CLASS 1 | CISPR 25 CLASS 3 | TITLE 13 CA. APPROVED | MIL SPEC VIBRATION RATED | IP69K RATED |

| PART# | LED | AMP. @12V | WATTAGE | WEIGHT | DIMENSION | ECE APPROVAL |
|---|---|---|---|---|---|---|
| TREM-85250A | 8x5W | 2.0A | 40W | 1.30lbs | 4.92" x 4.92" x 3.58" | ECE R65, ECE R10 |
| TREM-85250AC | 8x5W | 2.0A | 40W | 1.30lbs | 4.92" x 4.92" x 3.58" | ECE R65, ECE R10 |



# IMPROVED VISIBILITY

- **8 Powerful LEDs, SAE Class 1 compliant**
- **5 Selectable flash patterns**
- **Multiple units can be synchronised to flash together**
- **Ambient Light Sensor automatically dims the output in dark conditions**

**5 YEARS** FUNCTION WARRANTY 50.000 HOURS

P/No. TREM-85246A

P/No. TREM-85246AC

The vehicle in the image is equipped with:
TREM-85246A

# TREMOR XD HEAVY DUTY LED BEACONS

## BRIGHTER, QUIETER AND MORE DURABLE

Vision X's TREMOR XD L.E.D strobe has been upgraded to be brighter, quieter and more durable. The Tremor XD has been tested in some of the harshest conditions including industrial and mining applications. The Tremor XD has had it's key features significantly increased to now be ideal not only for industrial and above ground mining but also below ground mining applications.

## 7 FLASH PATTERNS

- Rotates in either direction at 120 RPM
- Night Mode - Day/Night mode switching via third wire

SINGLE FLASH (SAE)

STEADY ON

QUAD FLASH (SAE)

ROTATOR (125 RPM) (SAE)

QUINT FLASH (SAE)

ROTATOR (94 RPM)

ULTRA FLASH (SAE)

ROTATOR QUINT FLASH

## UPGRADED DURABILITY

- Military spec vibration resistance
- IP69K ingress protection - allows for pressure washing at heat
- Heavy duty die-cast aluminum base and polycarbonate lens
- Advanced circuitry and high output LEDs
- Smooth external lens to prevent external dust and dirt build up

## KEY FEATURES:

Selectable Day/Night Mode

7 Selectable Flash Patterns

CISPR25 Class 3 and ECE R10 complied

ECE R65 & ECE R10 Approved

Fully Sealed And Waterproof (IP67 + IP69K)

Virtually unbreakable polycarbonate lens & Heavy duty die cast aluminum base

Superior electrical design with solid state circuitry

# INDUSTRIAL & MINING

## TECHNICAL INFORMATION

**12/24 VOLT**

| | | |
|---|---|---|
| SAE CLASS 1 | CISPR 25 CLASS 3 | TITLE 13 CA. APPROVED | MIL SPEC VIBRATION RATED | IP69K RATED |

| PART# | LED | AMP. @12V | WATTAGE | WEIGHT | DIMENSION | ECE APPROVAL |
|---|---|---|---|---|---|---|
| TREM-85246A | 16x3W | 1.85A | 48W | 2.20lbs | 6.57" x 6.57" x 6.57" | ECE R10 |
| TREM-85246AC | 16x3W | 1.85A | 48W | 2.20lbs | 6.57" x 6.57" x 6.57" | ECE R10 |

## ULTIMATE VISIBILITY

Improved optical design ensures extreme visibility for ultra safe worksites

- Rotate pattern is up to 5x more visible than the competition
- Strobe pattern is up to 3x more visible than the competition.

Precision optic ensures the Tremor XD meets and exceeds SAE Class 1 in both flash and rotate (76% brighter than SAE minimum)

Optical precision provides a smooth rotating pattern that ensures optimal visibility and SAE Class 1 compliance. This is market leading as most strobes do not pass SAE for rotate

Includes 2 rotate patterns (clockwise and counter clockwise) for increased visual effect

Single upward facing high power LED provides significant increase in upward illumination - ideal on sides with tall vehicles.

**5 YEARS FUNCTION WARRANTY 50.000 HOURS**

**VISION X HEADQUARTERS**
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