



Industrial Signalling - Light & sound



AirSea Technology ApS

Moesgaardvej 14
8270 Hojbjerg
Denmark

Ph. +45 5370 7475
info@airseatech.dk
www.airseatech.dk

AirSea Technology ApS is a leading supplier of high quality signalling, alarm, and warning devices, trusted worldwide. With more than *25 years of industry experience*, we deliver reliable and innovative signalling solutions designed to perform in demanding environments.

Our extensive product portfolio includes **visual signalling devices, acoustic alarms, and combined visual/acoustic solutions**, providing clear and effective warnings wherever safety and reliability are critical.

AirSea products are engineered for use across a wide range of applications and industries, including:

- Industrial and manufacturing environments
- Process control and status indication
- Fire and security systems
- Explosive environments (EXD & IS)
- Obstruction marking
- Marine applications
- Safety and protection solutions

We serve a diverse customer base across sectors such as mining, manufacturing, and electrical and gas utilities. This broad reach reflects the versatility and dependability of AirSea solutions.

With our comprehensive product range, **AirSea Technology is ideally positioned to meet the growing demands of a safety conscious world**. Our products are readily available to support your projects without delay.

When standard solutions are not sufficient, our experienced technical team is ready to help. We can **modify existing products or develop customised solutions** tailored to your specific requirements, with all projects assessed on their commercial viability.

Our long standing commitment to **quality, service, and innovation** remains as strong today as it was more than two decades ago. This dedication continues to drive our passion and focus within the signalling and safety industry.

Get in touch with us – we're here to help.



Overview

VISUAL SIGNALS - INDUSTRIAL - LED TRAFFIC LIGHT BEACONS

The LED Traffic Light has been designed for industrial & commercial signalling applications where a low maintenance, long life and a cost effective solution is required. The TL system is suitable for car park management, factory traffic control, automated gate and door control systems for both indoor & outdoor applications.

The factory assembled units are available in **double** (Red & Green) or **triple** (Red, Amber & Green) mounting configurations and supplied fully assembled, pre-wired and mounted on wall brackets ready for immediate installation.

All colour modules incorporate a jumper link on the PCB that allows the unit to flash once energised. Termination is in the base of the bottom unit and can be accessed via 1 x M16 cable gland. The mounting brackets allow the units to be off set against the mounting structure giving the traffic lights 180 degree of angle movement, optimising the visual indication position.

Features

- Continuously rated
- Flashing or Static
- Blue or White colour options available
- Low current consumption
- Suitable for surface or wall mounting
- Fully assembled & ready for installation
- 120° light output around the horizontal axis
- Available in 12vAC/DC, 24vAC/DC, 48vAC/DC and 115/230vAC/DC


Material

- UV Stable Polycarbonate Lens & Shroud
- UV Stable ABS Plastic Base

*Flashes Per Minute

 IP 65

 36 SMT LED

 60 or 120 FPM*

 -25 to +55°C

 50/60Hz

APPROVALS & CONFORMITIES



Ordering Information

Voltage		Ordering Information		Mode & Current Consumption		
Nominal Voltage	Voltage Range	Double Assembly Unit - Red & Green Lens		Flashing @60FPM	Flashing @120FPM	Static
		Red	Green			
12vAC/DC	8-20vAC/DC	LED-TL-01-02-04		94mA @12vDC	89mA @12vDC	158mA @12vDC
24vAC/DC	20-30vAC/DC	LED-TL-02-02-04		70mA @24vDC	67mA @24vDC	120mA @24vDC
48vAC/DC	35-85vAC/DC	LED-TL-03-02-04		43mA @48vDC	42mA @48vDC	76mA @48vDC
115-230vAC/DC	85-280vAC/DC	LED-TL-05-02-04		24mA @230vAC	25mA @230vAC	28mA @230vAC

Voltage		Ordering Information			Mode & Current Consumption		
Nominal Voltage	Voltage Range	Triple Assembly Unit - Red, Amber & Green Lens			Flashing @60FPM	Flashing @120FPM	Static
		Red	Amber	Green			
12vAC/DC	8-20vAC/DC	LED-TL-01-02-01-04			94mA @12vDC	89mA @12vDC	158mA @12vDC
24vAC/DC	20-30vAC/DC	LED-TL-02-02-01-04			70mA @24vDC	67mA @24vDC	120mA @24vDC
48vAC/DC	35-85vAC/DC	LED-TL-03-02-01-04			43mA @48vDC	42mA @48vDC	76mA @48vDC
115-230vAC/DC	85-280vAC/DC	LED-TL-05-02-01-04			24mA @230vAC	25mA @230vAC	28mA @230vAC

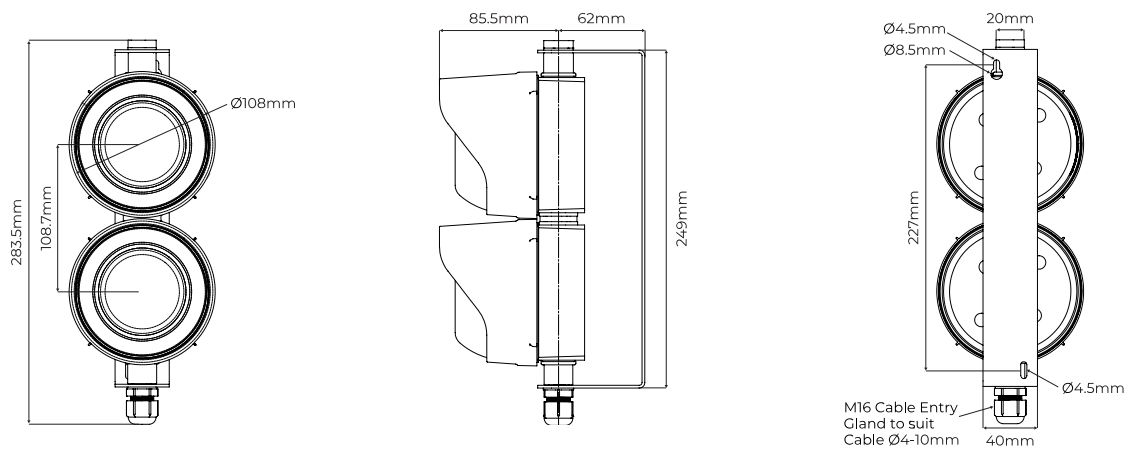
Effective Candela (Cd) - Formula Blondel-Rey		
Amber	Red	Green
131.28	147.19	122.05

APPROVALS & CONFORMITIES

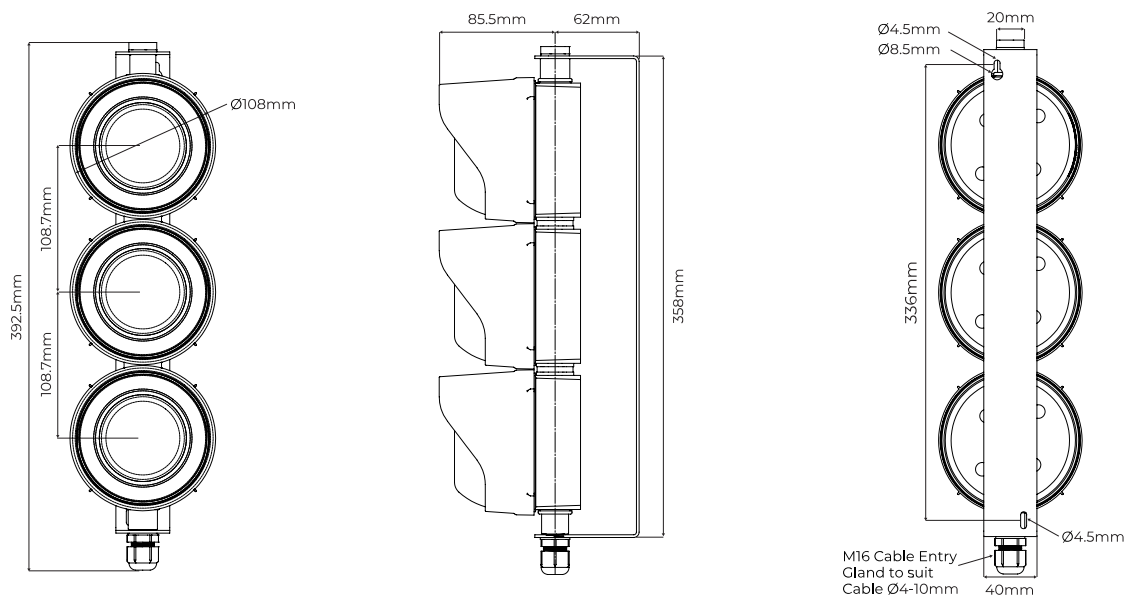
Weights & Dimensional Drawings

Kg	Double Unit				Triple Unit			
	12v	24v	48v	115-230v	12v	24v	48v	115-230v
Net Weight	0.658	0.658	0.710	0.716	0.926	0.926	1.007	1.017
Gross Weight	0.748	0.748	0.800	0.806	1.058	1.058	1.139	1.149

Double Traffic Light, Bracket Mount



Triple Traffic Light, Bracket Mount



APPROVALS & CONFORMITIES





Overview

ACOUSTIC & VISUAL SIGNALS - INDUSTRIAL - LED SOUNDER/BEACON

The LEDA125 Series is suitable for security, process control & industrial applications, where low maintenance and long life are the pre-requisite requirement. These beacons offer three flash rate options and a static option, which are all selectable via a 4 Way DIP switch located on the PCB:

1. Standard Flash (60FPM)

2. Double Flash (130FPM)

3. Rapid Flash (190FPM)

4. Static Mode (No Flash)

An advantage of the static mode is that it can be controlled via a remote source (Control Panel / PLC etc) offering the potential of a remote flash option. The design allows for termination inside the enclosure via an M12 sealing grommet located in the base of the product. This model incorporates two Piezo Buzzers situated in the base of the unit, that are synchronised to the flash mode offering a combined audible & visual warning device.

If you only require a visual signal with the same mounting base, please refer to our LEDD125 Datasheet.


Features

- Continuously rated
- Flashing or Static
- Low current consumption
- Suitable for surface or wall mounting
- Optional wall bracket - See accessories on page 2
- 3 point fix
- 360° light output around the vertical axis
- Available in 24vDC and 85-280vAC/DC

IP 65

 48 SMT LED

 60, 130 or 190 FPM*

 90dB (A) @ 1m

 -25 to +55°C

 50/60Hz

Material

- UV Stable Polycarbonate Lens
- UV Stable ABS Plastic Base

*Flashes Per Minute

APPROVALS & CONFORMITIES



Ordering Information

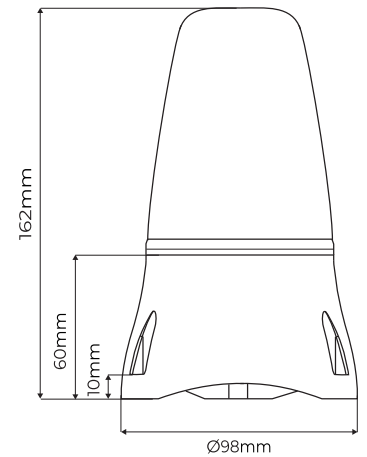
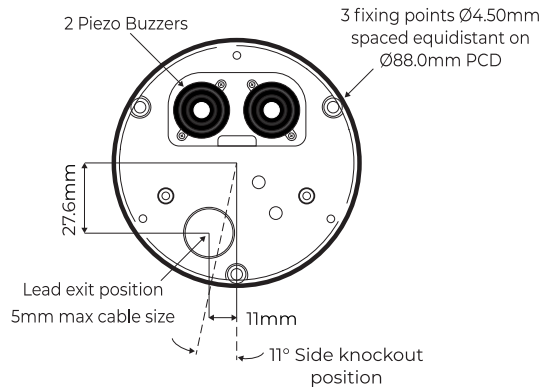
Voltage	Ordering Information					Mode & Current Consumption*			
	Amber	Red	Blue	Green	Clear	Flashing @ 60 FPM	Flashing @ 130 FPM	Flashing @ 190 FPM	Static
24vDC	LEDA125-02-01	LEDA125-02-02	LEDA125-02-03	LEDA125-02-04	LEDA125-02-05	109mA @24vDC	106mA @24vDC	103mA @24vDC	212mA @24vDC
85-280vAC/DC	LEDA125-04-01	LEDA125-04-02	LEDA125-04-03	LEDA125-04-04	LEDA125-04-05	30mA @230vAC	29mA @230vAC	31mA @230vAC	47mA @230vAC

*Current Consumption including buzzer mode

Effective Candela (Cd) - Formula Blondel-Rey				
Amber	Red	Blue	Green	Clear
25.32	33.03	8.39	23.4	57.31

Weights & Dimensional Drawings

Kg	24v	85-280v
Net Weight	0.222	0.258
Gross Weight	0.294	0.332



Accessories

Part Code	Description
50003	Cage Guard. Suitable for use with the 100 & 125 Series Beacon ranges (Cannot be fitted with Wall Bracket)
50007	Angled Wall Bracket. Suitable for use with the 100 & 125 Series Beacon ranges (Cannot be fitted with Cage guard)
50019-SK	Amber Lens. Suitable for use with the 125 Series Beacon range
50018-SK	Red Lens. Suitable for use with the 125 Series Beacon range
50020-SK	Blue Lens. Suitable for use with the 125 Series Beacon range
50021-SK	Green Lens. Suitable for use with the 125 Series Beacon range
50022-SK	Clear Lens. Suitable for use with the 125 Series Beacon range



50003



50007



50019-SK



50018-SK



50020-SK



50021-SK



50022-SK

APPROVALS & CONFORMITIES





Overview

VISUAL SIGNALS - INDUSTRIAL & MARINE - LED BEACONS

The LED701/700 series is suitable for Industrial & Marine signalling applications where a more powerful visual signal is required. The unit incorporates 64 extra bright, long life LED's, offering a high output, low maintenance signalling solution. The Beacon has the added benefit that it can be manufactured to incorporate 2 different colours within a single unit (32 LEDs of each colour), that can be controlled independently. This gives the added flexibility of incorporating 2 signals into one single high IP rated enclosure.

These Beacons have two selectable output signal modes:

- **Static** mode
- **Flashing** mode : **60 or 120 FPM**


These can be pre-set by a jumper link on the PCB. The design allows for a third wire control that can switch from continuous mode to pre-set flashing mode. Termination is inside the enclosure via conduit knockouts on the sides of the unit and can incorporate M16 up to M32 cable glands.

Features

- Continuously rated
- Flashing or Static
- Low current consumption
- Suitable for surface or wall mounting
- 120° light output above the vertical axis
- Dual Colour option available on request
- Available in 20-30vAC/DC and 85-280vAC/DC

 IP 66/67

 64 SMT LED

 60 or 120 FPM*

 -25 to +55°C

 50/60Hz

Material

- UV Stable Polycarbonate Lens UL94 HB
- UV Stable Polycarbonate Base 746C 5"

*Flashes Per Minute

APPROVALS & CONFORMITIES

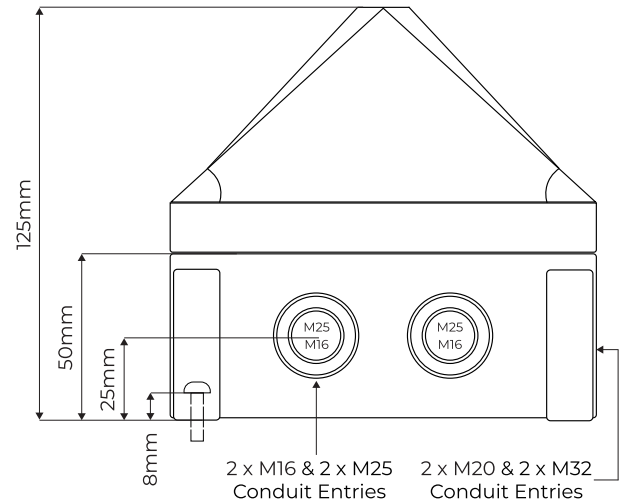
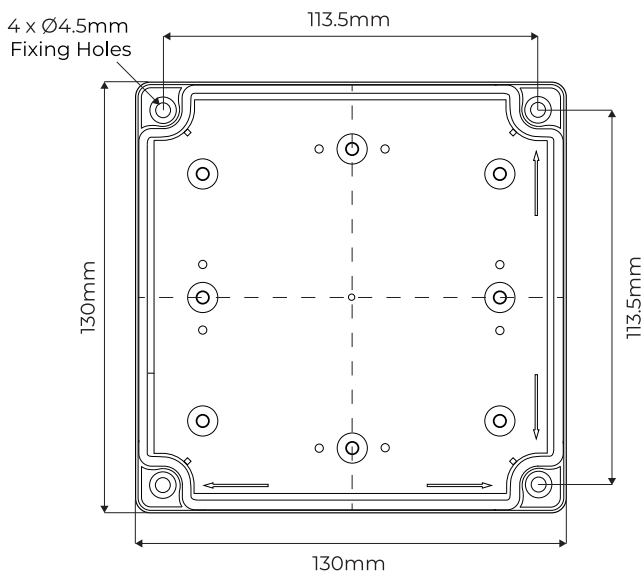
Ordering Information

Voltage	Ordering Information					Mode & Current Consumption		
	Amber	Red	Blue	Green	Clear	Flashing @60FPM	Flashing @120FPM	Static
20-30vAC/DC	LED701-02-01	LED701-02-02	LED701-02-03	LED701-02-04	LED701-02-05	142mA @24vDC	150mA @24vDC	262mA @24vDC
85-280vAC/DC	LED700-05-01	LED700-05-02	LED700-05-03	LED700-05-04	LED700-05-05	29mA @230vAC	30mA @230vAC	47mA @230vAC

Effective Candela (Cd) - Formula Blondel-Rey				
Amber	Red	Blue	Green	Clear
168.64	196.46	72.35	243.52	380.99

Weights & Dimensional Drawings

Kg	20-30v	85-280v
Net Weight	0.390	0.450
Gross Weight	0.485	0.545



Accessories

Part Code	Description
50146	Amber Lens. Suitable for use with the 700 Series Beacon range
50147	Red Lens. Suitable for use with the 700 Series Beacon range
50149	Green Lens. Suitable for use with the 700 Series Beacon range
50150	Clear Lens. Suitable for use with the 700 Series Beacon range

APPROVALS & CONFORMITIES





Overview

The AST.LED201/200 series are suitable for security, process control & industrial applications, where low maintenance and long life are the pre-requisite requirements. With 144 high brightness LED's, this Beacon produces a powerful, concentrated light output that ensures it can be used for visual signalling over greater distances.

3 modes of operation are available which are selectable via a two-way DIP switch located on the PCB:

1. **Static** mode
2. **Flashing** mode at 1Hz (60 FPM)
3. **Rotating** mode: Single column or Double column

An advantage of the static mode is that it can be controlled via a remote source (ie. control panel / plc etc) offering the potential of a remote flashing option. The design allows for termination inside the enclosure through the base.

If you require a different mounting Base option, please refer to our AST.LED401/400 Datasheet.

Features

- Continuously rated
- Flashing, Static or Rotating
- Low current consumption
- Suitable for surface, wall or conduit box mounting
- Optional wall bracket - See accessories on page 2
- 2 point fix
- 360° light output around the vertical axis
- Available in 24vDC and 85-280vAC/DC

Material

- UV Stable Polycarbonate Lens
- UV Stable ABS Plastic Base

IP 65

 144 SMT LED

 60 FPM*

 140 RPM**

 -25 to +55°C

 50/60Hz

*Flashes Per Minute

**Rotation Per Minute

APPROVALS & CONFORMITIES

AirSea Technolgt ApS

Moesgaardvej 14 - 8270 Hojbjerg - Denmark

Åh. +45 5370 7475 - info@airseatech.dk - www.airseatech.dk



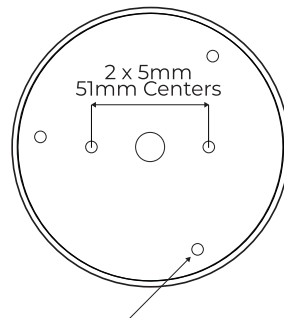
Ordering Information

Voltage	Ordering Information					Mode & Current Consumption			
Voltage Range	Amber	Red	Blue	Green	Clear	Flashing	Static	Rotating 1 Column	Rotating 2 Column
24vDC	LED201-24-A	LED201-24-R	LED201-24-B	LED201-24-G	LED201-24-W	280mA @24vDC	527mA @24vDC	53mA @24vDC	100mA @24vDC
115-240 VAC	LED20-230-A	LED200-230-R	LED200-230-B	LED200-230-G	LED200-230-W	31mA @230vAC	57mA @230vAC	16mA @230vAC	31mA @230vAC

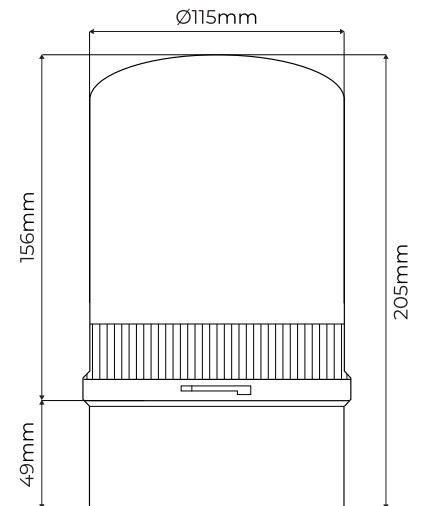
Effective Candela (Cd) - Formula Blondel-Rey				
Amber	Red	Blue	Green	Clear
80	65	12	40	120

Weights & Dimensional Drawings

Kg	24v	230v
Net Weight	0.446	0.486
Gross Weight	0.513	0.553



3 holes x 96 PCD to accept No 6 self tap screw (external fitting)



Accessories

Part Code	Description
50010	Cage Guard - Suitable for use with the 200/400/500 Series Beacon range (Cannot be fitted with Wall Bracket)
50004	Angled Wall Bracket - Suitable for use with the 200/400/500 Series Beacon range (Cannot be fitted with Cage guard)
50064	Amber Lens - Suitable for use with the 200/400/500 Series Beacon range.
50065	Red Lens - Suitable for use with the 200/400/500 Series Beacon range.
50066	Blue Lens - Suitable for use with the 200/400/500 Series Beacon range.
50067	Green Lens - Suitable for use with the 200/400/500 Series Beacon range.
50068	Clear Lens - Suitable for use with the 200/400/500 Series Beacon range.



50010



50004



50064



50065



50066



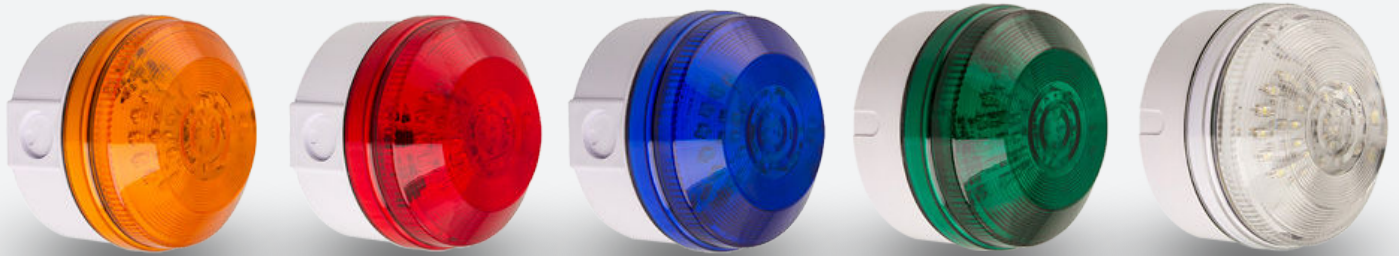
50067



50068

APPROVALS & CONFORMITIES





Overview

VISUAL SIGNALS - INDUSTRIAL - LED BEACONS

The LED195 series has been designed for industrial & commercial signalling applications where low maintenance & long life are the pre-requisite requirement. These beacons have two stages of alarm, **Flashing (60 or 120FPM)** or **Continuous (static)** mode, selectable via a Jumper Link on the PCB. The product is pre-set to **60FPM** when leaving the factory.

The design also allows for a third wire connection, giving the flexibility to switch from a pre-set static mode to a pre-set flashing mode.


The design allows for termination inside the enclosure. Two versions are available:


- **Deep Base** - Allows for 2 x M20 side entry and 1 x M20 rear entry knockouts.
- **Shallow Base (SB - Low profile version)** - Allows for 2 x 5mm side entry and 1 x M20 rear entry knockouts.

Features

- Continuously rated
- Flashing or Static
- Low current consumption
- Suitable for surface or wall mounting
- 180° light output around the vertical axis
- WH = White Back Box
- SB = Shallow Base
- M20 Cable Gland available to order – Code 50002
- Available in 12vAC/DC, 24vAC/DC, 48vAC/DC and 115/230vAC/DC

IP 65

 36 SMT LED

 60 or 120 FPM*

 -25 to +55°C

 50/60Hz

Material

- UV Stable Polycarbonate Lens
- UV Stable ABS Plastic Base

*Flashes Per Minute

APPROVALS & CONFORMITIES

Ordering Information

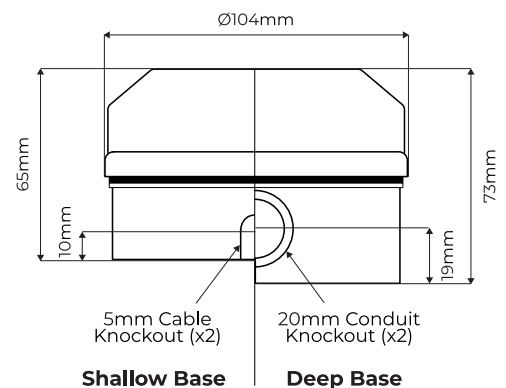
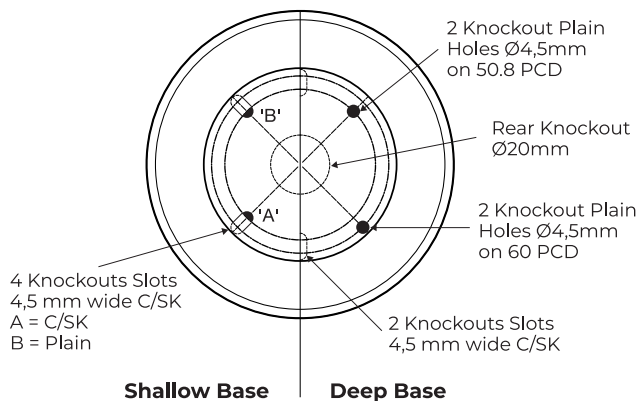
Voltage	Ordering Information (Shallow Base)				
Voltage Range	Amber	Red	Blue	Green	Clear
8-20vAC/DC	LED195-01WH-SB-01	LED195-01WH-SB-02	LED195-01WH-SB-03	LED195-01WH-SB-04	LED195-01WH-SB-05
20-30vAC/DC	LED195-02WH-SB-01	LED195-02WH-SB-02	LED195-02WH-SB-03	LED195-02WH-SB-04	LED195-02WH-SB-05
35-85vAC/DC	LED195-03WH-SB-01	LED195-03WH-SB-02	LED195-03WH-SB-03	LED195-03WH-SB-04	LED195-03WH-SB-05
85-280vAC/DC	LED195-05WH-SB-01	LED195-05WH-SB-02	LED195-05WH-SB-03	LED195-05WH-SB-04	LED195-05WH-SB-05
	Ordering Information (Deep Base)				
8-20vAC/DC	LED195-01WH-01	LED195-01WH-02	LED195-01WH-03	LED195-01WH-04	LED195-01WH-05
20-30vAC/DC	LED195-02WH-01	LED195-02WH-02	LED195-02WH-03	LED195-02WH-04	LED195-02WH-05
35-85vAC/DC	LED195-03WH-01	LED195-03WH-02	LED195-03WH-03	LED195-03WH-04	LED195-03WH-05
85-280vAC/DC	LED195-05WH-01	LED195-05WH-02	LED195-05WH-03	LED195-05WH-04	LED195-05WH-05

Voltage		Mode & Current Consumption		
Nominal Voltage	Voltage Range	Flashing @60FPM	Flashing @120FPM	Static
12vAC/DC	8-20vAC/DC	94mA @12vDC	89mA @12vDC	158mA @12vDC
24vAC/DC	20-30vAC/DC	70mA @24vDC	71mA @24vDC	130mA @24vDC
48vAC/DC	35-85vAC/DC	45mA @48vDC	42mA @48vDC	79mA @48vDC
115-230vAC/DC	85-280vAC/DC	24mA @230vAC	25mA @230vAC	28mA @230vAC

Effective Candela (Cd) - Formula Blondel-Rey				
Amber	Red	Blue	Green	Clear
52.01	60.37	10.15	77.07	68.05

Weights & Dimensional Drawings

Kg	Shallow Base				Deep Base			
	12v	24v	48v	115-230v	12v	24v	48v	115-230v
Net Weight	0.140	0.140	0.170	0.170	0.150	0.150	0.180	0.180
Gross Weight	0.178	0.178	0.208	0.208	0.188	0.188	0.218	0.218



APPROVALS & CONFORMITIES





Overview

ACOUSTIC SIGNALS - INDUSTRIAL - ELECTRO MECHANICAL BUZZER

The FLE series are electrical/mechanical buzzers suitable for a wide range industrial signalling applications where a low frequency and penetrating audible signal is required.

The units offer a **single stage alarm with a sound output up to 112dB**. Once energised an electromagnet causes the diaphragm to vibrate creating a unique acoustic tone. They can also be pulsed via a remote source (ie control panel/plc etc) to give an intermittent signal if required.

The FLE can also be used in automotive applications (reversing alarm/forklift trucks, etc.) and has an optional back box that will be required for weatherproof applications, allowing termination inside the protected enclosure. Accessories (see accessories section) increase the FLE's protection rating to IP65, enabling it to be used for both indoor and outdoor applications.

Features

- Multi purpose alarm
- Low frequency sound
- Optional back box - See accessories on page 2
- Rated IP65 when used with Back Box
- Available in 24-48vAC/DC and 115-230vAC/DC

IP IP55

Speaker icon Up to 112dB (A) @ 1m

ON/OFF icon ON 3 MIN | OFF 5 MIN

Hz 420 Hz

Thermometer icon -40 to +80°C

Waveform icon 50/60Hz

Material

- FLE : Powder Coated Mild Steel
- Back box : Black ABS with cable gland
- Surface Mount box : Beige ABS with cable gland

APPROVALS & CONFORMITIES

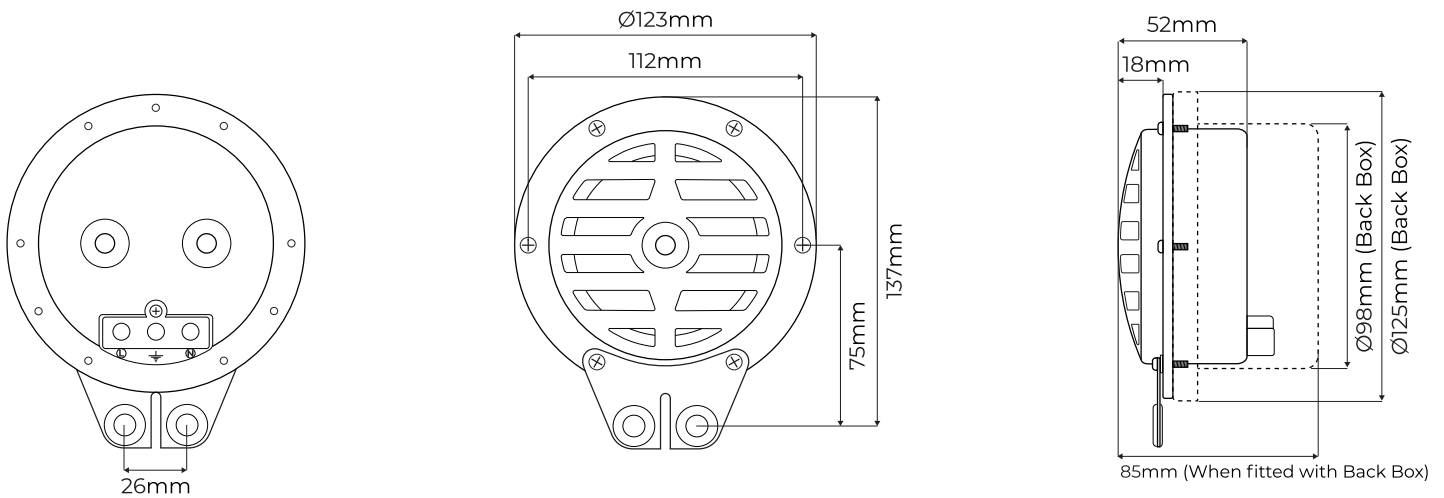


Ordering Information

Voltage		Ordering Information	Current Consumption & dB	
Voltage Range		Product Code	Current Consumption	dB
24-48vAC/DC		AST.14802	750mA @24vDC	108
110-230vAC/DC		AST.14806	420mA @230vAC	112

Weights & Dimensional Drawings

Kg	24-48v	115-230v
Net Weight	0.650	0.645
Gross Weight	0.765	0.760



Accessories

Part code	Description
14555K	Weatherproof Back Box
14704K	Surface-mounted Weatherproof Box



14555K



14704K

APPROVALS & CONFORMITIES





Overview

ACOUSTIC SIGNALS - INDUSTRIAL - MOTORISED SIRENS

The AS300 Siren has been designed for a wide range of industrial signalling applications, where a powerful, high output signal is required. The siren incorporates a fractional horsepower motor, that drives an internal impellor at high RPM, forcing air through the slotted front cover, creating its unique penetrating sound. The unit offers a single stage alarm when energised but may be pulsed or modulated by simply turning the power on/off to produce the classic 'wailing' siren sound.

The AS300 is robust and ideal for applications where a higher sound output is required, such as areas of high background noise. Designed to be surface mounted, the AS300 has a separate mounting bracket which when mounted first, allows for easy installation. In addition, the product comes pre-wired with 1m of cable.

If you require another Motor Driven Siren model, please refer to the AS100, AS200 and AS400 Datasheets.

Features

- Suitable for wall or pole mounting
- Omni-directional 360° coverage
- Very high sound output
- Available in 110vAC or 230vAC

IP IP21

Speaker icon 127dB (A) @ 1m

ON/OFF icon ON 15 MIN | OFF 120 MIN

Thermometer icon -30 to +40°C

Waveform icon 1600Hz

Material

- Yellow
ABS

APPROVALS & CONFORMITIES

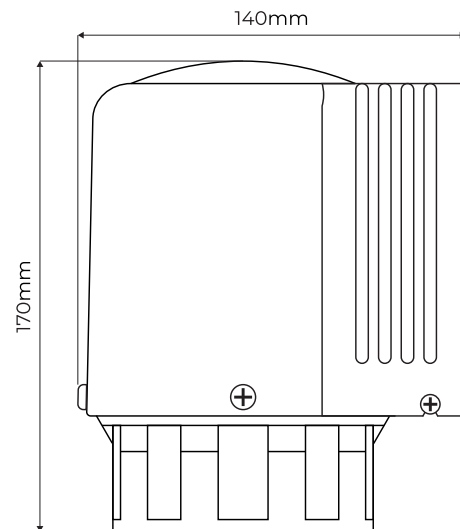
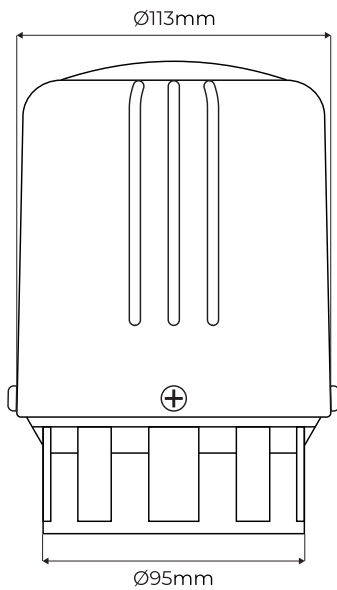


Ordering Information

Voltage	Ordering Information	Mode & Current Consumption
Nominal Voltage	Product Code	Continuous
110vAC	AST.AS300-04MF	3400mA @110vAC
230vAC	AST.AS300-05MF	2000mA @230vAC

Weights & Dimensional Drawings

Kg	110v	230v
Net Weight	1.760	1.780
Gross Weight	1.895	1.920



APPROVALS & CONFORMITIES





Overview

ACOUSTIC SIGNALS - INDUSTRIAL & MARINE - IP66 BELL

This range of 6" Solenoid driven Bells have been designed and manufactured to withstand harsh environmental conditions. Ideally suited for heavy-duty industrial & marine applications where rugged construction and a high weatherproof classification is required.

The Bells produce a rich and clear 'traditional' alarm bell sound, free from mechanical clatter. The design allows for up to 4 x M20 cabling entry knockouts, two from above and one from either side to allow for 'loop in/loop out' cabling applications. Termination is made inside the enclosure and caters for 4 x 2.5mm² cables.

If you require a Bell with a larger Gong, please refer to our A8BM Datasheet.

Features

- Anti Tamper Gong Bolt
- Gong size 6" (168mm)
- Compliant for installation on:
 - Alarm System: EN 50130-4:2011
- Available in Red or Grey
- M20 Cable Gland available to order – Code 50002
- Available in 12vDC, 24vDC or 85-280vAC/DC

IP IP66

Speaker icon 106dB (A) @ 1m

ON/OFF icon ON 10 MIN | OFF 30 MIN

Thermometer icon -25 to +50°C

Waveform icon 50/60Hz

Material

- Zinc Powder Coated Steel Gong
- 30% Glass Filled Nylon 6 UL94 HB

APPROVALS & CONFORMITIES

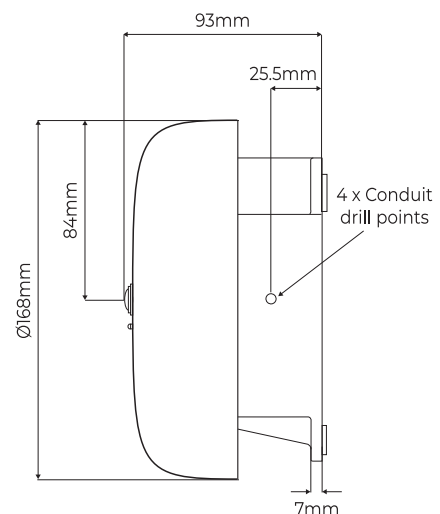
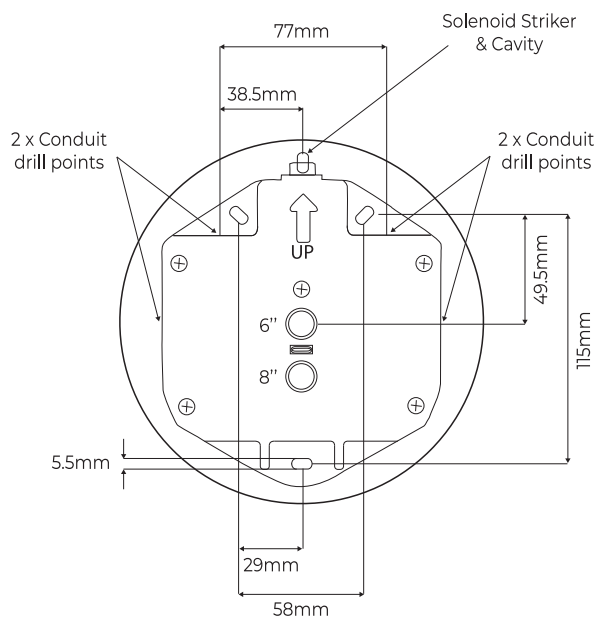


Ordering Information

Voltage		Ordering Information		Mode & Current Consumption
Nominal Voltage	Product Code	Colour	Continuous	
12vDC	AST.A6BM-12DC	Grey	1000mA @12vDC	
24vDC	AST.A6BM-24DC	Grey	400mA @24vDC	
85-280vAC/DC	AST.A6BM-05	Grey	48mA @230vAC	
Separator				
12vDC	AST.S6BM-12DCR	Red	1000mA @12vDC	
24vDC	AST.A6BM-24DCR	Red	400mA @24vDC	
85-280vAC/DC	AST.A6BM-05R	Red	48mA @230vAC	

Weights & Dimensional Drawings

Kg	12v	24v	85-280v
Net Weight	1.654	1.650	1.688
Gross Weight	1.806	1.802	1.840



APPROVALS & CONFORMITIES





For more information

Contact us for



AirSea Technology ApS

Moesgaardvej 14 • 8270 Hojbjerg • Denmark•

Ph. +45 5370 7475 • info@airseatech.dk

www.airseatech.dk