

ICARO

Aircraft Warning Lights

GENERAL CATALOGUE



SIRENA

**MORE THAN
BRIGHT IDEAS**



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INTRODUCTION



Sirena designs, engineers and manufactures signaling devices since 1974. From Industrial Signaling Devices to Evacuation Systems, through Aircraft Warning Lights and Automation Devices, our expertise allows to deliver Customers with the highest quality signaling devices available on today's market.

With 40 years of intense know-how and a presence in over 60 countries worldwide, Sirena is the best choice when it comes to satisfying your signaling needs.

ICARO is Sirena's Aircraft Warning Lights range. Engineered entirely on LED base, **ICARO's** Low, Medium and High intensity devices are one of the best products available today. High performance, easy installation and virtually zero maintenance, allow Customers and Installers to add considerable value to their projects. All devices are ICAO and FAA certified as well as CE marked.

Our expert Team will guide you to the right choice and will help you to determine the best and most cost efficient solutions for your projects.

With a complete range of devices (Low Intensity Type A and B, Medium Intensity Type A, B and C and High Intensity Type A and B), **ICARO** is the complete solution you are looking for.

Sirena is ISO 9001, 14001 and 18001 certified.

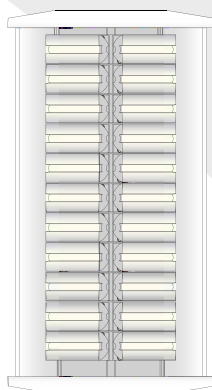
www.icaroawl.com

HIGH INTENSITY

High Intensity Aircraft Warning Lights compliant to ICAO Type A, B and FAA L-856, L-857 regulations.

100% LED based, these devices offer a white light with a maximum intensity of 200.000 Cd satisfying the most demanding applications.

Typically installed on structures over 150 meters, high intensity devices are used for day and twilight marking.

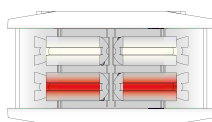


MEDIUM INTENSITY

Medium Intensity Aircraft Warning Lights compliant to ICAO Type A, B, C and FAA L-864, L-865, L-866 regulations.

100% LED based, these devices offer a white/red light with a maximum intensity of 20.000 Cd satisfying the most demanding applications.

Typically installed on structures over 45 meters, medium intensity devices are used for day, twilight and night marking.

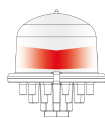


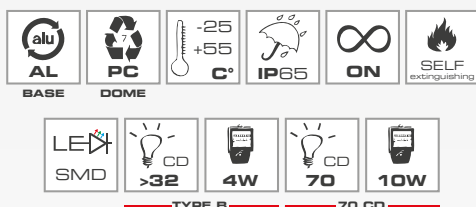
LOW INTENSITY

Low Intensity Aircraft Warning Lights compliant to ICAO Type A, B and FAA L-810 regulations.

100% LED based, these devices offer a red light with a minimum intensity of 32 Cd satisfying the most common applications.

Typically installed on structures below 45 meters and as intermediate devices on taller structures, low intensity devices are used for night marking only.





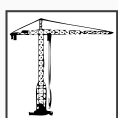
CERTIFICATIONS



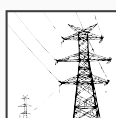
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FAA Advisor Circular AC150/5345-43F

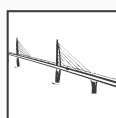
TYPICAL APPLICATIONS



CRANES



PYLONS



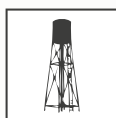
INFRA-STRUCTURES



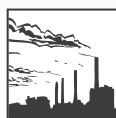
WIND TURBINES



BUILDINGS



WATER TANKS



CHIMNEYS



AIRPORTS

AWL 810/AB | PART NO

AWL 810/AB	12/30V DC	51010
AWL 810/AB 70CD	12/30V DC	51045
AWL 810/AB 70CD	12/30V DC	51046
PSU	110/240V ACDC	51011
SIDE BRACKET		51013

new

LOW INTENSITY

AIRCRAFT WARNING LIGHT

Low intensity aircraft warning light engineered according to ICAO Low Intensity Type A/B and FAA L-810 regulations.

With a lightweight heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

Provided with a red steady light, its optical reflector guarantees a 360° horizontal beam radiation and a vertical beam between +6° and +10°.

Also available with a 70 Cd light intensity output, on-board crepuscular sensor and flashing light option.

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to incandescent bulbs).

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

Crepuscular sensor for automatic activation (part no 51045)

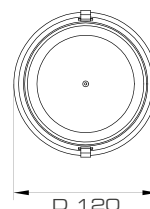
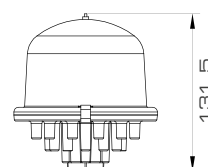
Beacon-fault report (clean electrical contact) (part no 51045/51046)

INSTALLATION

Pole mounting | Direct (3/4" NPT-F)

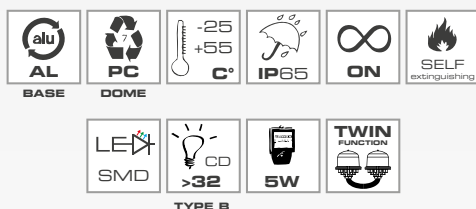
Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS





**TWIN
BACK-UP
CIRCUIT
INCLUDED**



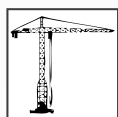
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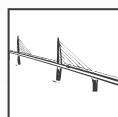
TYPICAL APPLICATIONS



CRANES



PYLONS



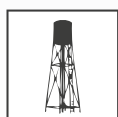
INFRA-
STRUCTURES



WIND
TURBINES



BUILDINGS



WATER
TANKS



CHIMNEYS



AIRPORTS

AWL 810/AB TWIN | PART NO

AWL 810/AB TWIN crepuscular sensor activated	12/30V DC	51014
AWL 810/AB TWIN crepuscular sensor not activated	12/30V DC	51047
PSU	110/240V ACDC	51011
SIDE BRACKET		51013

TWIN LOW INTENSITY AIRCRAFT WARNING LIGHT

Low intensity aircraft warning light engineered according to ICAO Low Intensity Type A/B and FAA L-810 regulations.

With a lightweight heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

Provided with a red steady light, its optical reflector guarantees a 360° horizontal beam radiation and a vertical beam between +6° and +10°.

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to incandescent bulbs).

The device is equipped with two separate LED circuits and, thanks to the current sensor installed on board, it automatically switches to the secondary circuit when main fails, with the possibility of sending an alarm signal.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

Twin operations with the same device
(back-up circuit included)

Crepuscular sensor for automatic activation (part no 51014)

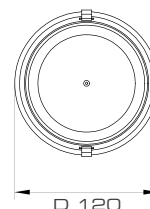
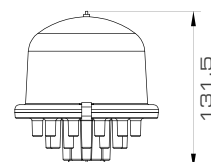
Beacon-fault report (clean electrical contact)

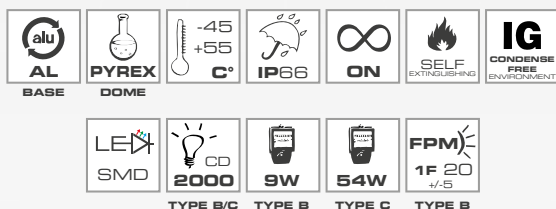
INSTALLATION

Pole mounting | Direct (3/4" NPT-F)

Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS





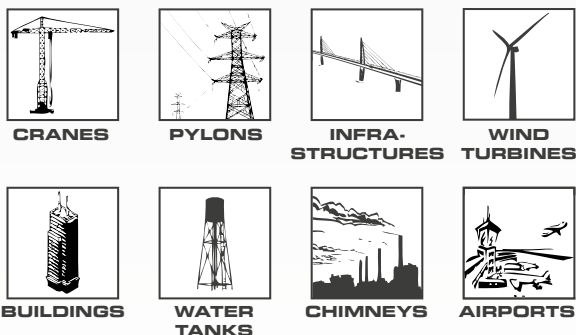
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TYPICAL APPLICATIONS



AWL 864/BC | PART NO

AWL 864/B	20/55V DC	51016
AWL 864/C	20/55V DC	51048
AWL 864/B	240V AC	51017
AWL 864/C	240V AC	51049
110V AC version available on request		
FLAT MOUNTER		51031
SIDE BRACKET		51030

MEDIUM INTENSITY AIRCRAFT WARNING LIGHT

Medium intensity aircraft warning light engineered according to ICAO Medium Intensity Type B/C and FAA L-864 regulations.

With an induced air heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

Provided with a steady/flashing red light, its optical lenses guarantee a 360° horizontal beam radiation and a vertical beam of +3°. Can be configured to Type B (flashing) or Type C (steady).

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to xenon discharge bulbs).

The device is equipped with three spirit balls for perfect installation and can send an alarm signal in case of malfunction.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

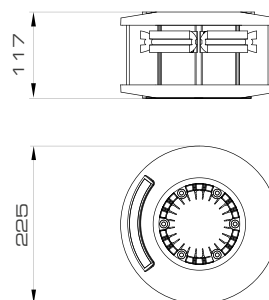
Beacon-fault report (clean electrical contact)

INSTALLATION

Flat mounting | To flat surfaces using the accessory "Flat mouter"

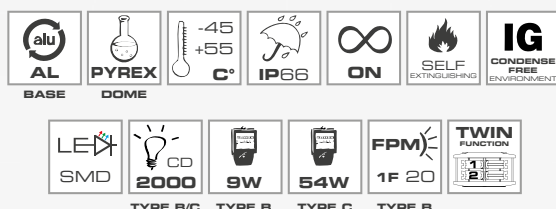
Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS





**TWIN
BACK-UP
CIRCUIT
INCLUDED**



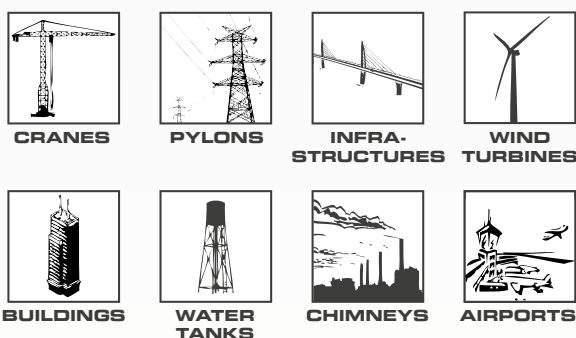
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TYPICAL APPLICATIONS



AWL 864/BC TWIN | PART NO

AWL 864/B TWIN	20/55V DC	51018
AWL 864/C TWIN	20/55V DC	51057
AWL 864/B TWIN 110V AC version available on request	240V AC	51019
AWL 864/C TWIN 110V AC version available on request	240V AC	51058
FLAT MOUNTER		51031
SIDE BRACKET		51030

TWIN MEDIUM INTENSITY AIRCRAFT WARNING LIGHT

Medium intensity aircraft warning light engineered according to ICAO Medium Intensity Type B/C and FAA L-864 regulations.

With an induced air heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

Provided with a steady/flashing red light, its optical lenses guarantee a 360° horizontal beam radiation and a vertical beam of +3°. Can be configured to Type B (flashing) or Type C (steady).

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to xenon discharge bulbs).

The device is equipped with two separate LED circuits and, thanks to the current sensor installed on board, it automatically switches to the secondary circuit when main fails, with the possibility of sending an alarm signal.

The device is equipped with three spirit balls for perfect installation and can send an alarm signal in case of malfunction.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

Twin operations with the same device
(back-up circuit included)

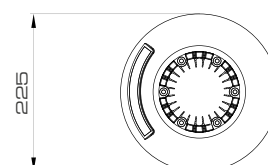
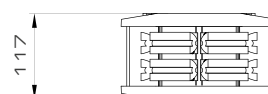
Beacon-fault report (clean electrical contact)

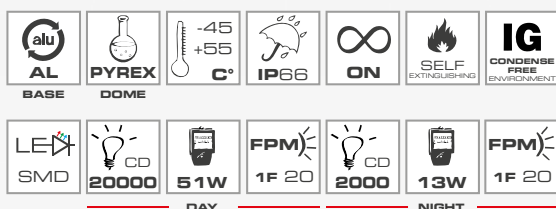
INSTALLATION

Flat mounting | To flat surfaces using the accessory "Flat mounter"

Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS





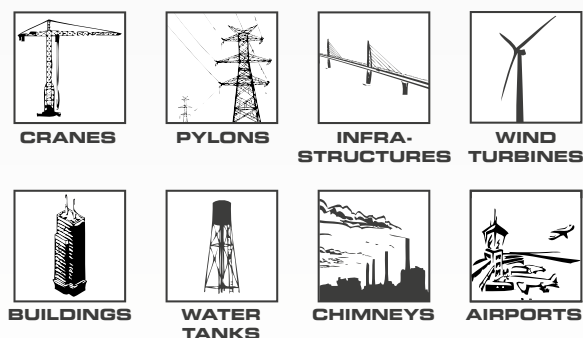
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TYPICAL APPLICATIONS



AWL 865.866/A | PART NO

AWL 865.866/A	20/55V DC	51020
AWL 865.866/A	240V AC	51021
110V AC version available on request		
FLAT MOUNTER		51031
SIDE BRACKET		51030

MEDIUM INTENSITY AIRCRAFT WARNING LIGHT

Medium intensity aircraft warning light engineered according to ICAO Medium Intensity Type A and FAA L-865/L-866 regulations.

With an induced air heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

Provided with a flashing white light, its optical lenses guarantee a 360° horizontal beam radiation and a vertical beam of +3°.

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to xenon discharge bulbs).

The device is equipped with three spirit balls for perfect installation and can send an alarm signal in case of malfunction.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

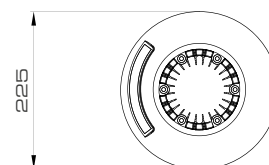
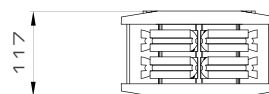
Beacon-fault report (clean electrical contact)

INSTALLATION

Flat mounting | To flat surfaces using the accessory "Flat mouter"

Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS





DUAL TYPE A + TYPE BC



TYPE A			
LED SMD	CD 20000	51W	FPM 1F 20
DAY			
TYPE BC			
CD 2000	9W	54W	FPM 1F 20
TYPE B/C	TYPE B	TYPE C	TYPE B

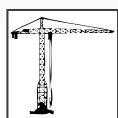
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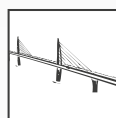
TYPICAL APPLICATIONS



CRANES



PYLONS



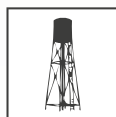
INFRA-
STRUCTURES



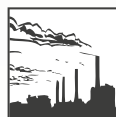
WIND
TURBINES



BUILDINGS



WATER
TANKS



CHIMNEYS



AIRPORTS

AWL 864+865.6/BC+A | PART NO

AWL 864+5.6/B+A	20/55V DC	51022
AWL 864+5.6/C+A	20/55V DC	51052
AWL 864+5.6/B+A	240V AC	51023
110V AC version available on request		
AWL 864+5.6/C+A	240V AC	51054
110V AC version available on request		
FLAT MOUNTER		51031
SIDE BRACKET		51030

DUAL MEDIUM INTENSITY AIRCRAFT WARNING LIGHT

Medium intensity aircraft warning light engineered according to ICAO Medium Intensity Type A + Type B/C and FAA L-865/L-866 + L-864 regulations.

With an induced air heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

Provided with both a steady/flashing red light (Type BC) and a flashing white light (Type A), its optical lenses guarantee a 360° horizontal beam radiation and a vertical beam of +3°.

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to xenon discharge bulbs).

The device is equipped with three spirit balls for perfect installation and can send an alarm signal in case of malfunction.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

Dual functionality (Type A + Type B/C)

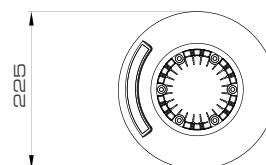
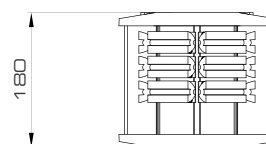
Beacon-fault report (clean electrical contact)

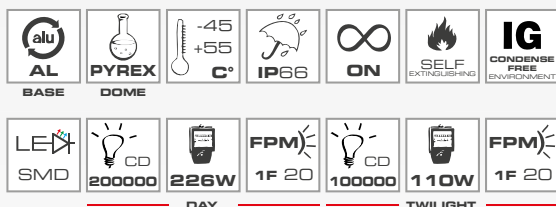
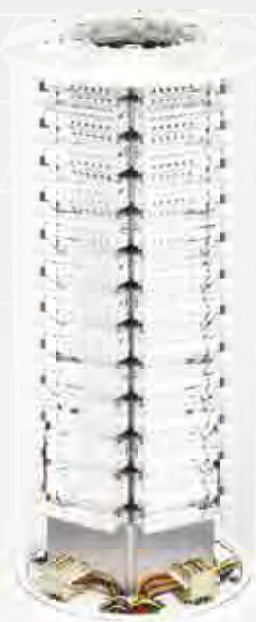
INSTALLATION

Flat mounting | To flat surfaces using the accessory "Flat mounter"

Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS





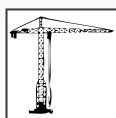
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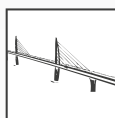
TYPICAL APPLICATIONS



CRANES



PYLONS



INFRA-
STRUCTURES



WIND
TURBINES



BUILDINGS



WATER
TANKS



CHIMNEYS



AIRPORTS

AWL 856.857/AB | PART NO

AWL 856.857/AB	240V AC (120°)	51024
110V AC version available on request		
AWL 856.857/AB	240V AC (360°)	51025
110V AC version available on request		
FLAT MOUNTER		51031
SIDE BRACKET		51030

HIGH INTENSITY AIRCRAFT WARNING LIGHT

High intensity aircraft warning light engineered according to ICAO High Intensity Type A/B and FAA L-856/L-857 regulations.

With an induced air heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

Provided with a flashing white light, its optical lenses guarantee a 120°/360° horizontal beam radiation and a vertical beam of +3°/7°. Can be configured to Type A (100.000 Cd twilight use) or Type B (200.000 Cd day use).

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to xenon discharge bulbs).

The device is equipped with three spirit balls for perfect installation and can send an alarm signal in case of malfunction.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

120° or 360° versions available

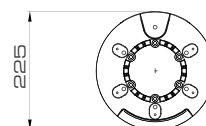
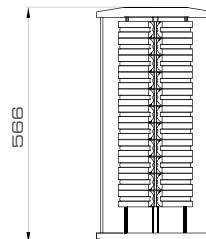
Beacon-fault report (clean electrical contact)

INSTALLATION

Flat mounting | To flat surfaces using the accessory "Flat mouter"

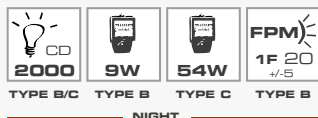
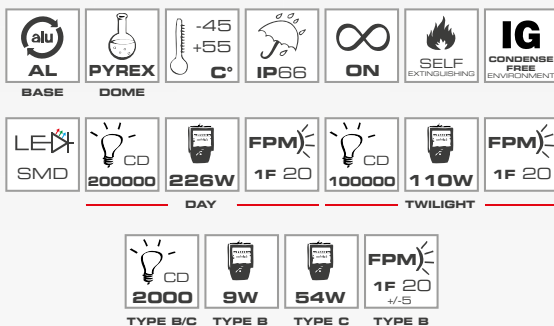
Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS





DUAL HIGH + MID INTENSITY



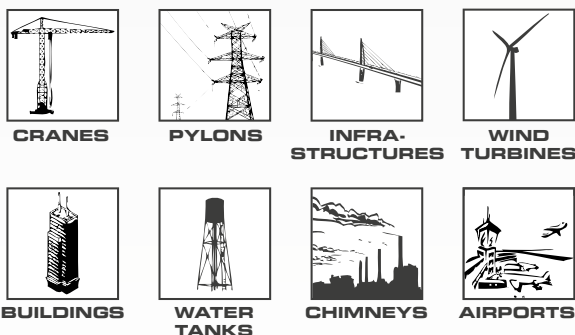
CERTIFICATIONS



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TYPICAL APPLICATIONS



AWL 856.7+864/AB+BC | PART NO

AWL 856.7+864/AB+B	240V AC (120°)	51034
110V AC version available on request		
AWL 856.7+864/AB+C	240V AC (120°)	51059
110V AC version available on request		
AWL 856.7+864/AB+B	240V AC (360°)	51035
110V AC version available on request		
AWL 856.7+864/AB+C	240V AC (360°)	51060
110V AC version available on request		
FLAT MOUNTER		51031
SIDE BRACKET		51030

DUAL HIGH+MID INTENSITY AIRCRAFT WARNING LIGHT

DUAL high + medium intensity aircraft warning light engineered according to ICAO High Intensity Type A/B and FAA L-856/L-857 regulations (high) and ICAO Medium Intensity Type B/C and FAA L-864 regulations (medium).

With an induced air heatsink base, this device is the ideal solution for an efficient and long lasting quality obstruction beacon.

HIGH | Provided with a flashing white light, its optical lenses guarantee a 120°/360° horizontal beam radiation and a vertical beam of +3°/7°. Can be configured to Type A (100.000 Cd twilight use) or Type B (200.000 Cd day use).

MEDIUM | Provided with a steady/flashing red light, its optical lenses guarantee a 120°/360° horizontal beam radiation and a vertical beam of +3°. Can be configured to Type B (flashing) or Type C (steady).

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to xenon discharge bulbs).

The device is equipped with three spirit balls for perfect installation and can send an alarm signal in case of malfunction.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

120° or 360° versions available

Dual functionality (High Intensity Type A/B + Mid Intensity Type B/C)

Beacon-fault report (clean electrical contact)

INSTALLATION

Flat mounting | To flat surfaces using the accessory "Flat mouter"

Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS

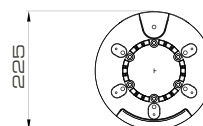
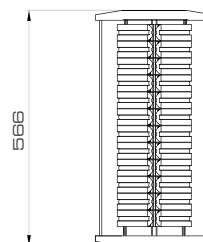




Image used for illustrative purposes only. Dimensions and content according to selected system

KEY CHARACTERISTICS

- Isolation switch for power supply 230V 50/60 Hz
- Automatic switch (one for each device)
- Auto/Man operation switch selector
- Beacons-fault report available on terminals (clean electrical contacts)
- Power-on LED indicator
- Electronic alarms (current relays)
- Power electronics for beacons feeding
- Lightning protection

OPTIONAL FEATURES

- GPS synchronization module (simultaneously flashing)
- Beacons-fault report available on front panel
- Crepuscular sensor
- Temperature control unit

CONTROL UNITS | PART NO

AWL CU LOW INT	12/30V DC	51070
AWL CU LOW INT	110/240V ACDC	51071
AWL CU MID INT	20/55V DC (max 4)	51063
AWL CU MID INT	20/55V DC (max 8)	51064
AWL CU MID INT	240V AC (max 4)	51061
AWL CU MID INT	240V AC (max 8)	51062
AWL CU HIGH INT	240V AC (120°)	51026
AWL CU HIGH INT	240V AC (360°)	51027
AWL CU H+M INT DUAL	240V AC (120°)	51068
AWL CU H+M INT DUAL	240V AC (360°)	51069
AWL CREPUSCULAR SENSOR		51065
AWL GPS SYNC MODULE		51032
AWL TEMPERATURE CONTROL UNIT		51066
AWL FRONT-PANEL FAULT REPORT		51067

CONTROL UNITS

Installing multiple signaling devices on the same obstruction structure (pylon, antenna, building, etc.) is defined as System.

A central control unit must be used to control all MEDIUM and HIGH INTENSITY systems. A dedicated control unit can be used for multiple installation of LOW INTENSITY devices.

The control unit simplifies main operation activities (activation, control of potential anomalies, etc.), as well as possible maintenance procedures.

LOW INTENSITY devices can be controlled with a single control unit.

MEDIUM INTENSITY devices may require one single unit to control the whole system, according to installation scenarios.

HIGH INTENSITY devices require a dedicated control unit in any installation scenarios. Each control unit controls one device only: a system with multiple HIGH INTENSITY devices on the same obstruction structure requires more control units (1:1 ratio), connected in a MASTER/SLAVE network.

LOW INTENSITY

ICARO Control Units for AWL Low Intensity devices can control up to 8 devices

MEDIUM INTENSITY

ICARO Control Units for AWL Medium Intensity devices are available in two versions:

- Control Unit for max. 4 AWL Medium Intensity devices
- Control Unit for max. 8 AWL Medium Intensity devices

HIGH INTENSITY

ICARO Control Units for AWL High Intensity devices are available in four versions:

- Control Unit for 1 AWL High Intensity device 120°
- Control Unit for 1 AWL High Intensity device 360°
- Control Unit for 1 AWL High Intensity device DUAL 120°
- Control Unit for 1 AWL High Intensity device DUAL 360°

SYSTEM DESIGN SUPPORT



Our Team of experts can assist designers and installers with professional support in terms of norms and system configuration.

icaro@sirena.it

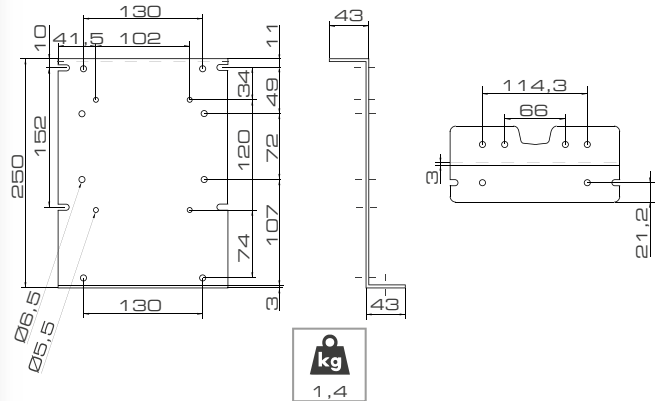


ACCESSORIES | PART NO

AWL 86X/85X FLAT MOUNTER <small>(2 mounters included)</small>	51031
AWL 810/HELIX SIDE BRACKET	51013
AWL 86X/85X SIDE BRACKET	51030
AWL 810/HELIX PSU 110/240V ACDC	51011

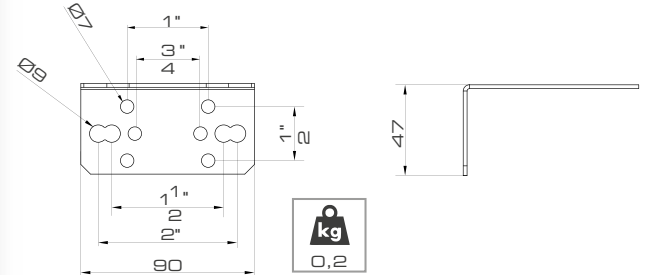
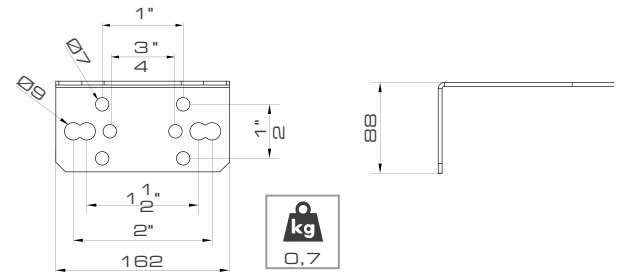
FLAT MOUNTER

Stainless steel flat mounter, can be used to mount Medium Intensity and High Intensity AWL to flat surfaces



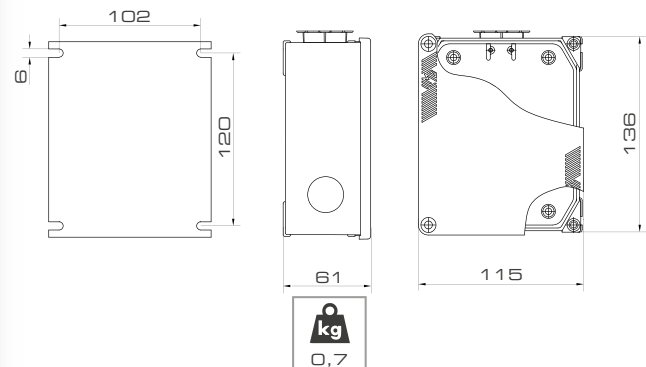
SIDE BRACKETS

Stainless steel side mounter, allows lateral mounting to walls, side poles or side structures. Available for AWL 810/HELIX (Low Intensity AWL) and for AWL 86X/85X (Medium and High Intensity AWL)

AWL 810/HELIX**AWL 86X/85X**

AWL 810/HELIX PSU

110/240V ACDC Power Supply Unit for AWL 810 and HELIX devices



PSU can control up to two AWL 810/AB devices.
For AWL 810/AB TWIN and AWL HELIX we recommend using one power supply unit for each device

ICARO

Aircraft Warning Lights

SUGGESTED CONFIGURATIONS

ELEVATED STRUCTURES <45 m

DAY: OFF
NIGHT: STEADY RED


LOW INTENSITY
steady red
Part: AWL 810/AB

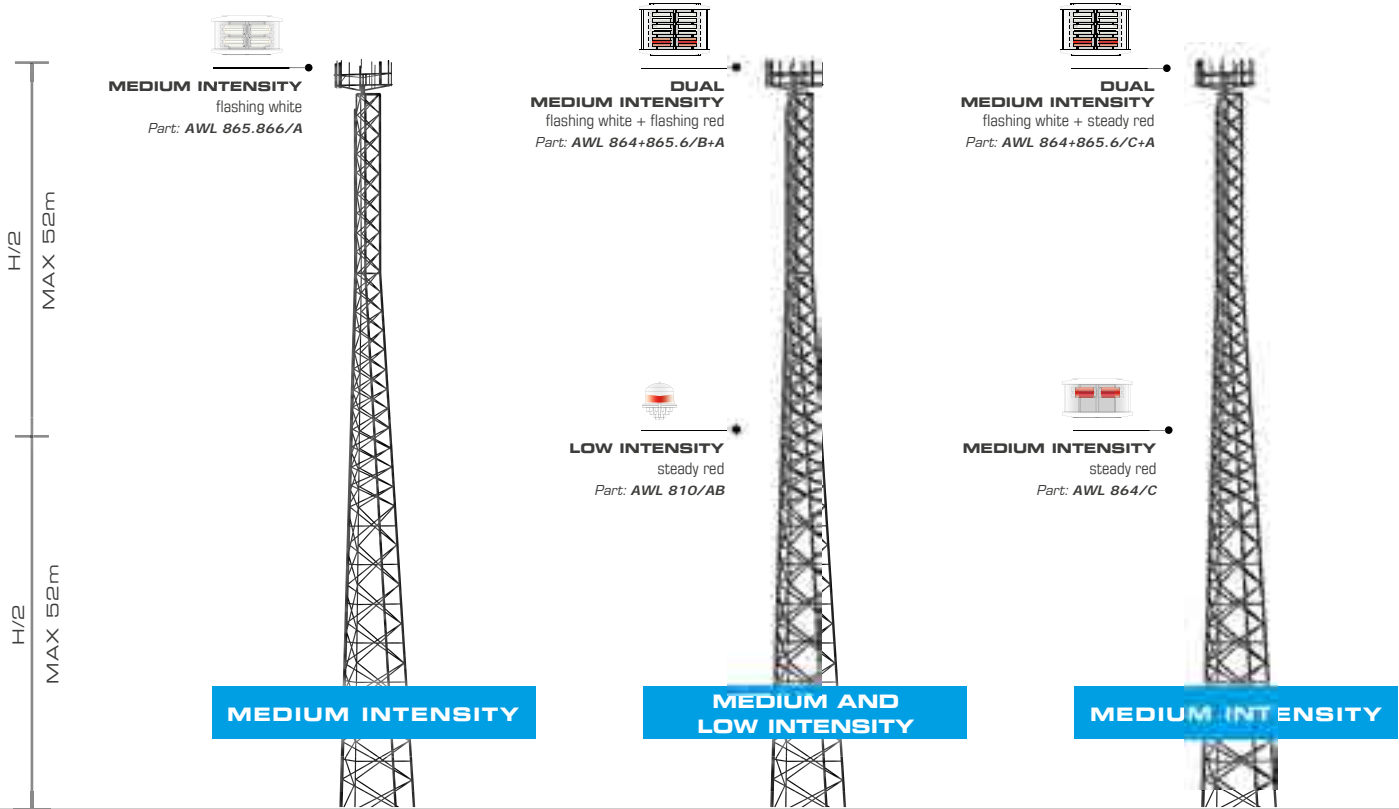
LOW INTENSITY

ELEVATED STRUCTURES <105 m

DAY: FLASHING WHITE
NIGHT: FLASHING WHITE

DAY: FLASHING WHITE
NIGHT: FLASHING RED

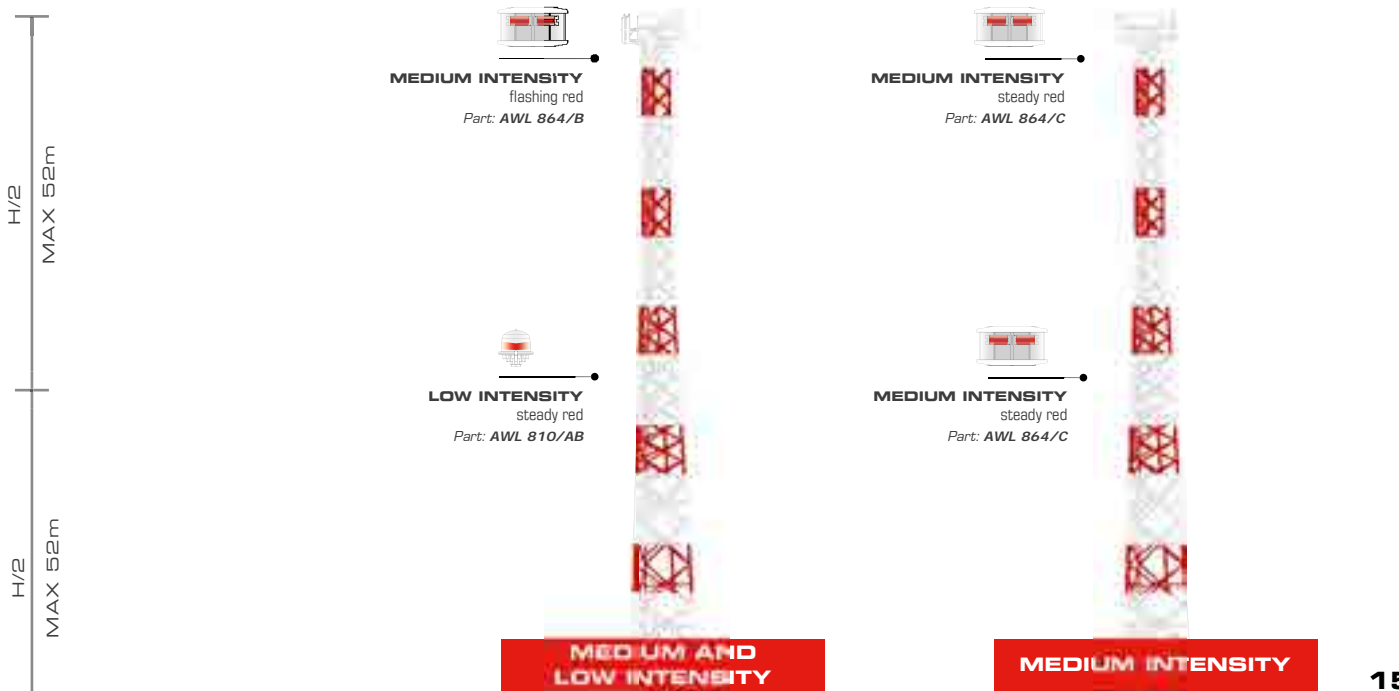
DAY: FLASHING WHITE
NIGHT: STEADY RED



NOT MARKED

DAY: OFF
NIGHT: FLASHING RED

DAY: OFF
NIGHT: STEADY RED



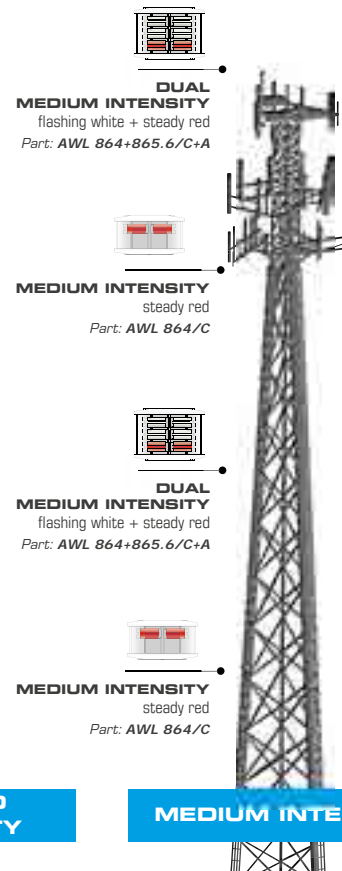
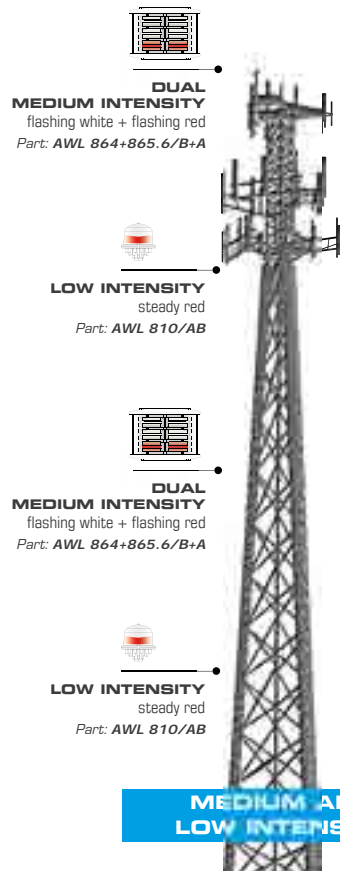
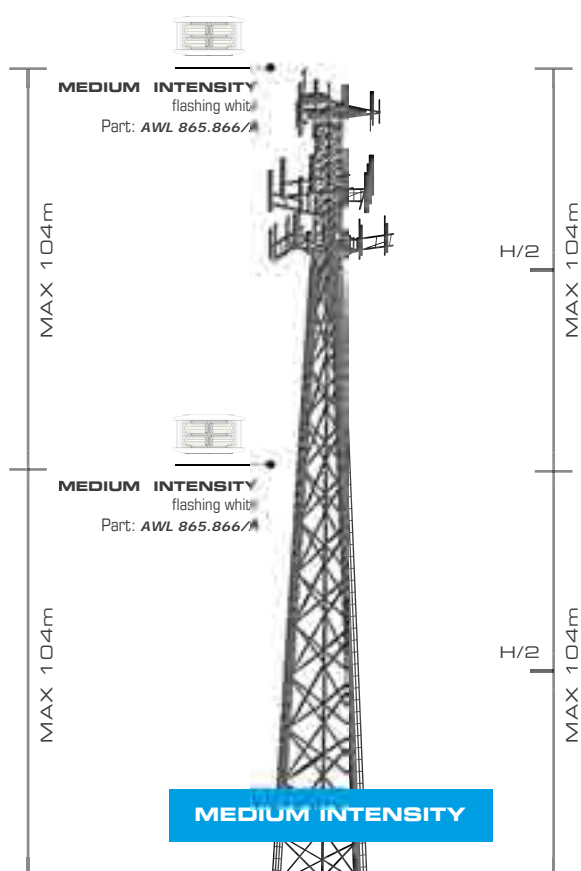
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ELEVATED STRUCTURES <150 m

DAY: FLASHING WHITE
NIGHT: FLASHING WHITE

DAY: FLASHING WHITE
NIGHT: FLASHING RED

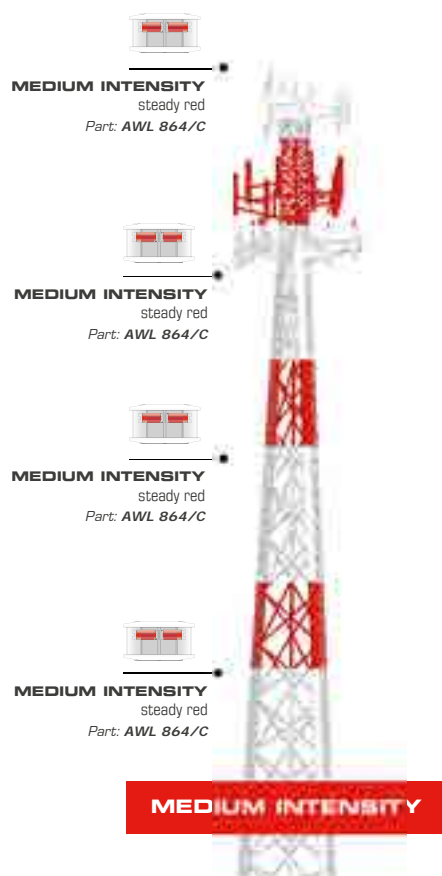
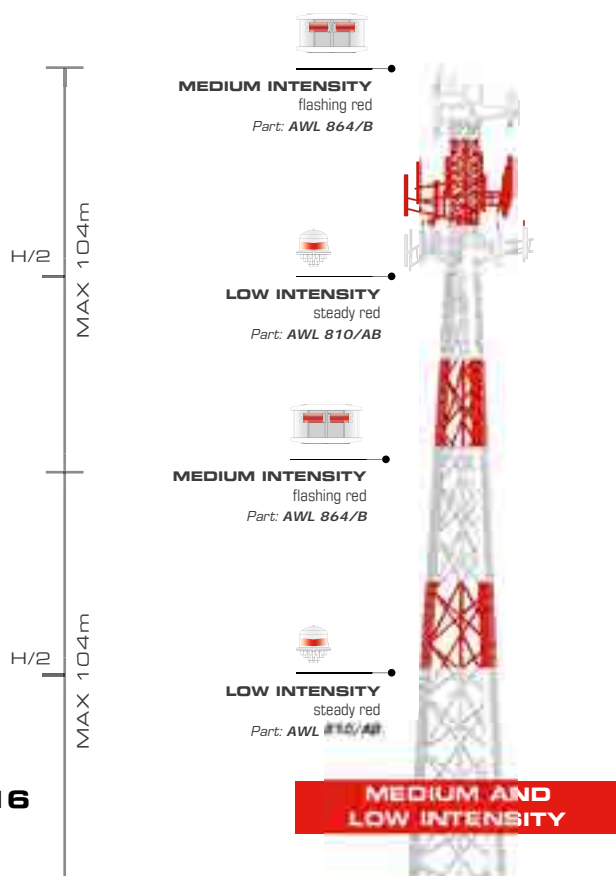
DAY: FLASHING WHITE
NIGHT: STEADY RED



NOT MARKED

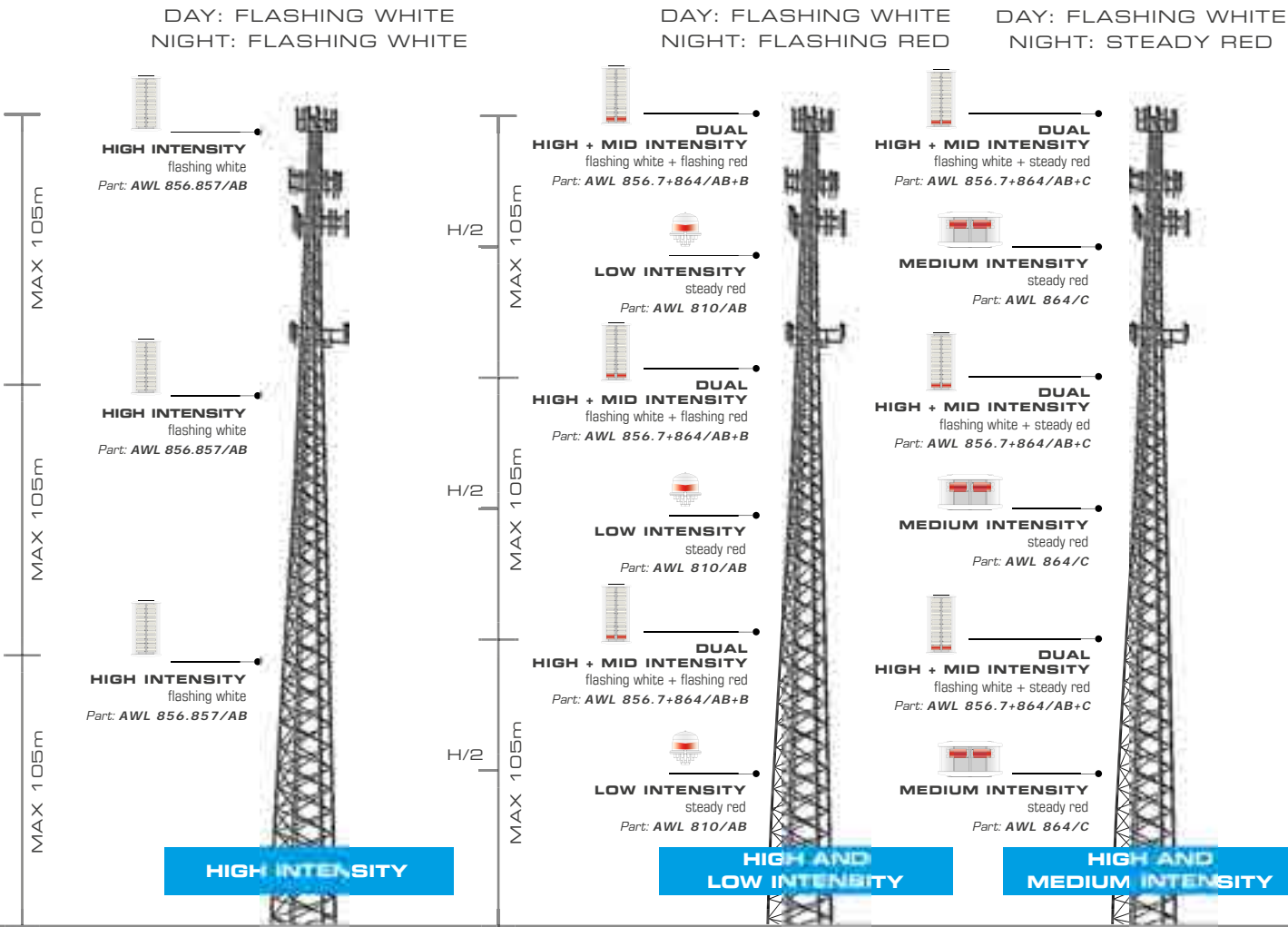
DAY: OFF
NIGHT: FLASHING RED

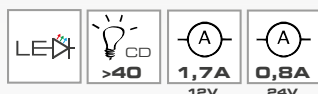
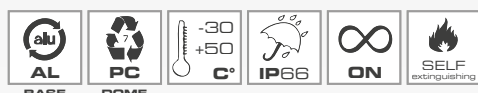
DAY: OFF
NIGHT: STEADY RED



MARKED

ELEVATED STRUCTURES >150 m





CERTIFICATIONS



ICAO International Standards and Recommended Practices:
Aerodromes - Annex 14 Volume 1, 4th Edition, November 2004
Chapter 6

TYPICAL APPLICATIONS



GROUND
OPERATION
VEHICLES



PRIORITY
VEHICLES

AWL 810/C | PART NO

DIN B BASE (FLAT)	51038	51041
DIN A BASE (PLUG)	51039	51042
MAGNETIC BASE	51040	51043

AWL 810/C VEHICLE WARNING LIGHT

Low intensity airport vehicle warning light engineered according to ICAO Low Intensity Type C regulations.

With a lightweight heatsink base, this device is the ideal solution for an efficient and long lasting quality warning beacon.

Provided with a flashing light, its optical reflector guarantees a 360° horizontal beam radiation and a vertical beam between +0° and +12°.

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to incandescent bulbs).

Available in amber for use with ground operation vehicles and in blue for use with airport priority vehicles.

KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

Stabilized light output

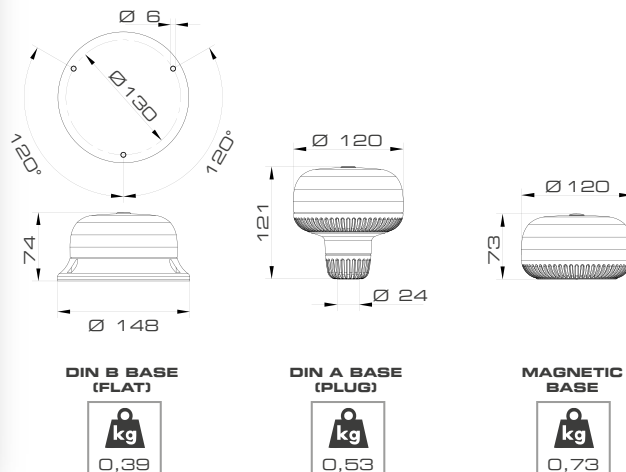
INSTALLATION

Flat mounting | Mounting on flat surfaces (DIN B configuration, 3 holes at 120° intervals)

Plug mounting | Mounting to a DIN A plug

Magnetic base | Mounting on metal surfaces. Powering via cigar plug cable provided

DRAWINGS, DIMENSIONS AND WEIGHTS

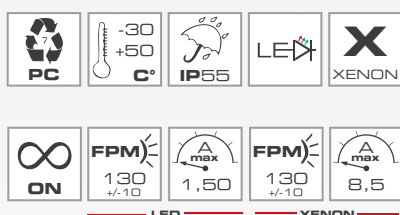




FOLLOW-ME BAR

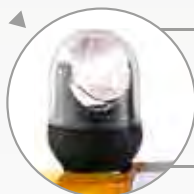


CONTROL UNIT

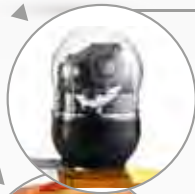


ALSO AVAILABLE

Light bars are available in different configurations with following options:



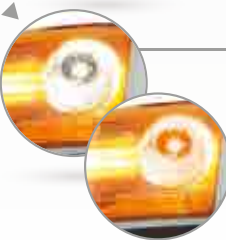
Radio controlled motorized search beam
Depth or flood light 55W - 120.000 Cd(p) or 100W - 150.000 Cd(p)



Radio controlled motorized camera
Fitted with mechanical zoom 22X + 10X digital
High sensitivity lens allowing visibility even in dim lit environments



Amber parking lights
Frontal, side, rear LED spotlights



Steady depth light
H3 55W halogen spotlights (frontal - side - amber flashing rear)

FOLLOW-ME BAR | PART NO

PART NOS AVAILABLE ON REQUEST

FOLLOW-ME BAR VEHICLE WARNING LIGHT

Multifunctional light bar available with Xenon (4 linear spotlights) or LED technology.

Permanent rear LED display (variable messages). 6 selectable languages (max. 20 pre-recorded messages for each language - max. 10 personalized messages - 10 characters).

FOLLOW-ME BAR offers different options suitable for all types of applications: radio controlled motorized search beam or camera, amber LED parking lights, H3 halogen spotlights.

Polycarbonate structure and domes.

Supplied with remote control console with backlit keys and display (version with message panel).

KEY CHARACTERISTICS

VOLTAGE
12V DC

LIGHT EFFECT
LED FLASHING EFFECT
STROBE: 10 Joules

LIGHT INTENSITY
According to ECE R65

PROTECTION GRADE
IP55

OPERATING TEMPERATURE
-30/+50 °C

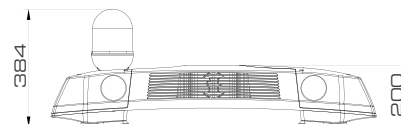
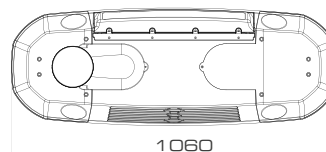
MECHANICAL FEATURES

Polycarbonate structure and domes

OPTICAL FEATURES

Powerful LED or 10 Joules Xenon technology allowing a high intensity flashing effect

DRAWINGS AND DIMENSIONS

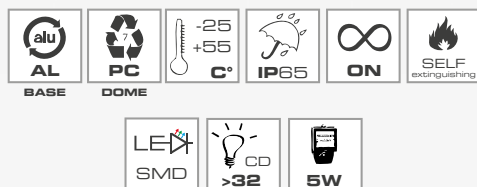


CERTIFICATIONS



APPROVAL NUMBERS

	NEW COMPACT (LED FOLLOW-ME BAR)	NEW COMPACT (XENON FOLLOW-ME BAR)
ECE R65 TA1 E3	00 7128	
ECE R65 A1 E3	-	00 7007
EMC 2006/28/CE e24	03 1622 (12V)	03 1482 (12V)



IRRADIATION BEAM

SIDE VIEW
VERTICAL IRRADIATION



HORIZONTAL LIGHT = 10°
VERTICAL LIGHT = 120°

TOP VIEW
HORIZONTAL IRRADIATION



HORIZONTAL LIGHT = 360°
VERTICAL LIGHT = 360°

CERTIFICATIONS



TYPICAL APPLICATIONS



HELIPADS

AWL HELIX | PART NO

AWL HELIX	12/30V DC	51012
PSU	110/240V ACDC	51011
SIDE BRACKET		51013

AWL HELIX HELIPAD PERIMETER LIGHT

Low intensity helipad perimeter light.

With a lightweight heatsink base, this device is the ideal solution for an efficient and long lasting quality perimeter beacon.

Provided with a green steady light, this device has 2 light sources: horizontal and vertical. The horizontal light is equipped with an optical reflector that guarantees a 360° horizontal beam radiation and a vertical beam of +10°. The vertical light has a horizontal beam radiation of 360° and a vertical beam of 120°.

The LED circuit guarantees a long product life estimated in over 10 years, as well as low consumption (1/10 when compared to incandescent bulbs).



KEY CHARACTERISTICS

LED technology

Product life >10 years

Low consumption

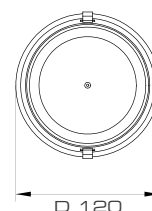
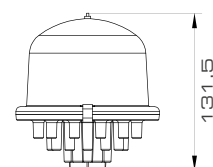
Stabilized light output

INSTALLATION

Pole mounting | Direct (3/4" NPT-F)

Side mounting | To side walls, side poles or side structures using the accessory "Side bracket"

DRAWINGS, DIMENSIONS AND WEIGHTS



OUR **CONFIGURATOR APPLICATION**

WILL GUIDE YOU TO SELECT
THE BEST AWL SOLUTION
FOR YOUR OBSTACLE
MARKING NEEDS



WEB Version
[www.icaroawl.com/
webconfigurator](http://www.icaroawl.com/webconfigurator)



iOS Version

Available on the iPhone
App Store

ICARO is Sirena's range of high-end
Aircraft Warning Lights engineered
to last and perform

icaro@sirena.it

www.icaroawl.com



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Engineered,
Developed and
Assembled in
Rosta, Italy

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