LXS®
LUXSOLAR®

LUXSOLAR® CATALOGUE

Airfield Beacons
rev_250205_A

www.luxsolar.com

Luxsolar® is a department
of CE2K S.r.l.

Luxsolar and LXS – registered trademarks of CE2K S.r.l. – identify a series of special lighting suitable both for potentially explosive atmospheres and safe areas.

Today, after a decade marked by a growing global market presence, Luxsolar has become the first manufacturer of LED Aircraft Warning Lights offering a complete range from low to high intensity.
All LUXSOLAR products, designed and manufactured in Italy, are the result of a constant R&D activity performed in-house.

Luxsolar mission is to create innovative products that combine high-tech and sustainable features. Our aim is to offer tailor-made lighting solutions in compliance to local and international regulations for airports , heliports, marine environments and elevated structures.

LUXSOLAR

#everything is made for passion

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

rev_
250205

LUXSOLAR

INDEX

PRODUCT LINE TYPICAL INSTALLATION
SURFACE LEVEL AERONAUTICAL
ICAO CONFIGURATION

FOLLOW ME VEHICLES

CIRCLING GUIDANCE LIGHT

IDENTIFICATION BEACON

AERODROME BEACON

LXS
LUXSOLAR®

LEGEND

● AERODROME BEACON

● CIRCLING GUIDANCE LIGHT

● IDENTIFICATION BEACON

● FOLLOW ME VEHICLES

Image is for informational purposes only.

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

5

LIOL-C / LIOL-D

As specified by ICAO Annex 14 regulation, Low Intensity Obstruction Light Type C / Type D should be used on vehicles operating on airfield area.

LIOL-C / LIOL-D

Policarbonate UV resistant dome

Based on LED technology

Patented optical reflector

Strong magnetic base for vehicle application

With low-weight and increased heat dissipation this LED device is the ideal solution for an efficient and compact signalling, able to guarantee a product life exceeding ten years, along with a reduced power consumption.

LIOL Type C / Type D light emits omnidirectional amber flashing light while vehicle is moving; then the light can be switched to red steady burning (LIOL Type B) when vehicle is not conducting operations and constitutes an hazard on airfield ground.

CERTIFICATION

CE

COMPLIANCE

ICAO

FEATURES

| alu AL | 7 PC | -20°C +50°C | IP66 | ∞ ON | SELF extinguishing | LED SMD | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 3R LED PRODUCT | Photometric Test | EASY INSTALL |

TYPICAL APPLICATION

rev_ 250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

7

VEHICLE LIGHTS

LIOL-C / LIOL-D
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- RED light - steady burning (Type B)
- AMBER light flashing 60-90fpm (Type D)
- 32cd RED Type B
- 40cd AMBER Type C
- 200cd AMBER Type D
- Horizontal beam radiation 360°
- Optical reflector

MECHANICAL FEATURES

- Anodised aluminium body with magnetic base
- Policarbonate UV resistant dome
- Polyurethane foam
- Degree of protection: IP66
- Operating temperature: -20°C to +50°C
- Lamp unit weight: 1kg approx

ELECTRICAL FEATURES

- Nominal operating voltage 12/24VDC
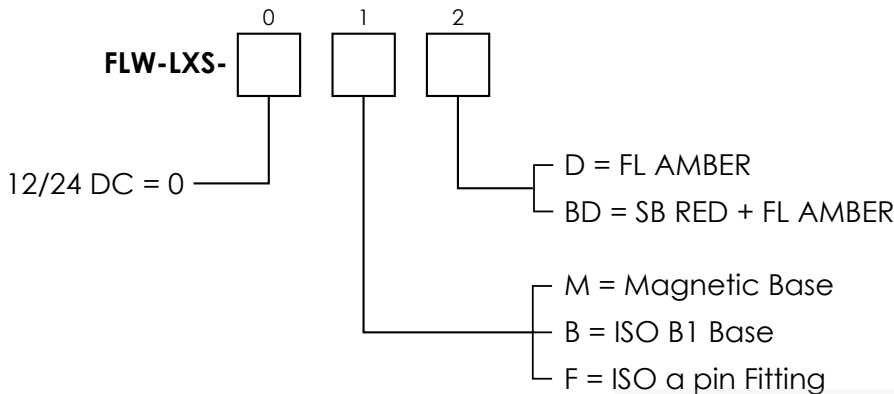- LED feeded at constant current
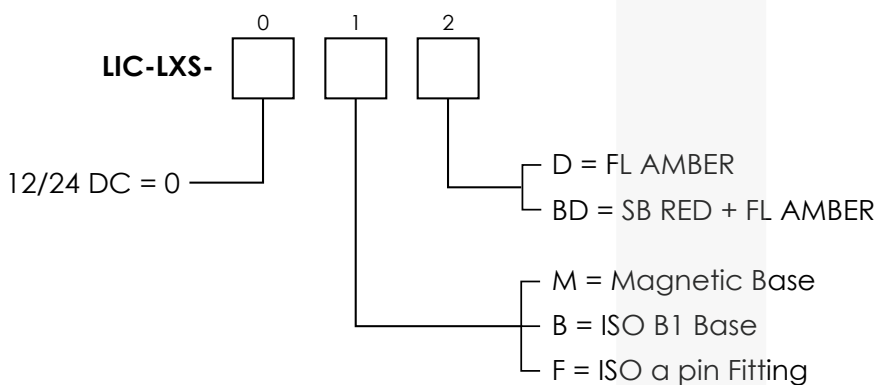
APPLY TO

- Airfield ground support vehicles

CERTIFICATIONS

- CE marking
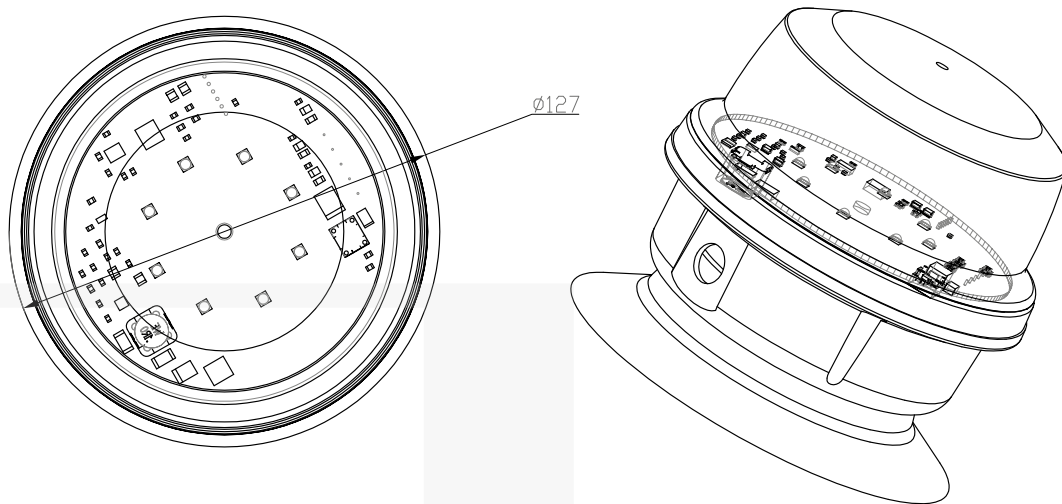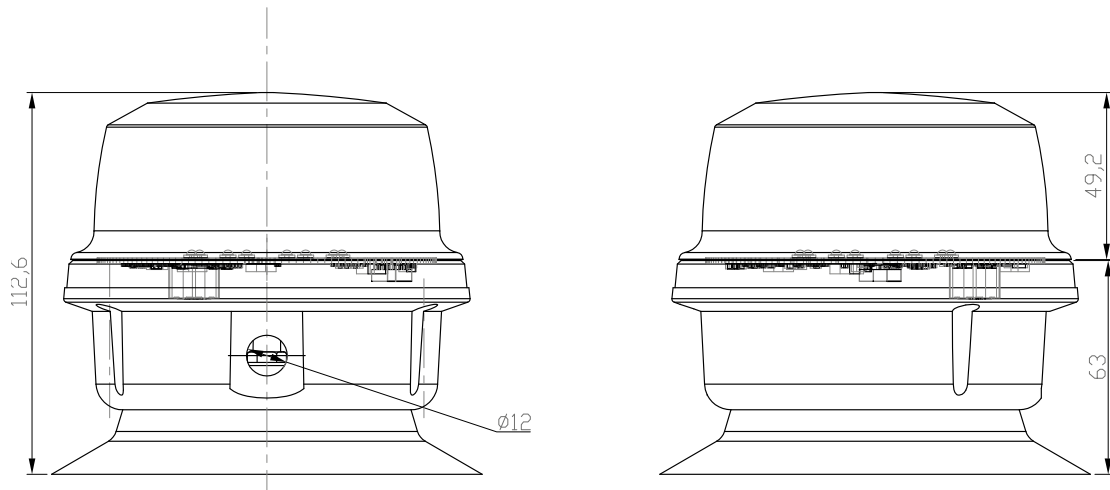- ICAO Aerodromes -Annex 14 Volume 1, Type B, Type C and Type D

ORDER CODE - TYPE D

FLW-LXS- [0] [1] [2]

12/24 DC = 0 — (0)

(2):
- D = FL AMBER
- BD = SB RED + FL AMBER

(1):
- M = Magnetic Base
- B = ISO B1 Base
- F = ISO a pin Fitting

ORDER CODE - TYPE C

LIC-LXS- [0] [1] [2]

12/24 DC = 0 — (0)

(2):
- D = FL AMBER
- BD = SB RED + FL AMBER

(1):
- M = Magnetic Base
- B = ISO B1 Base
- F = ISO a pin Fitting

VEHICLE LIGHTS

LIOL-C / LIOL-D
TECHNICAL DRAWING

112,6

Ø12

49,2

63

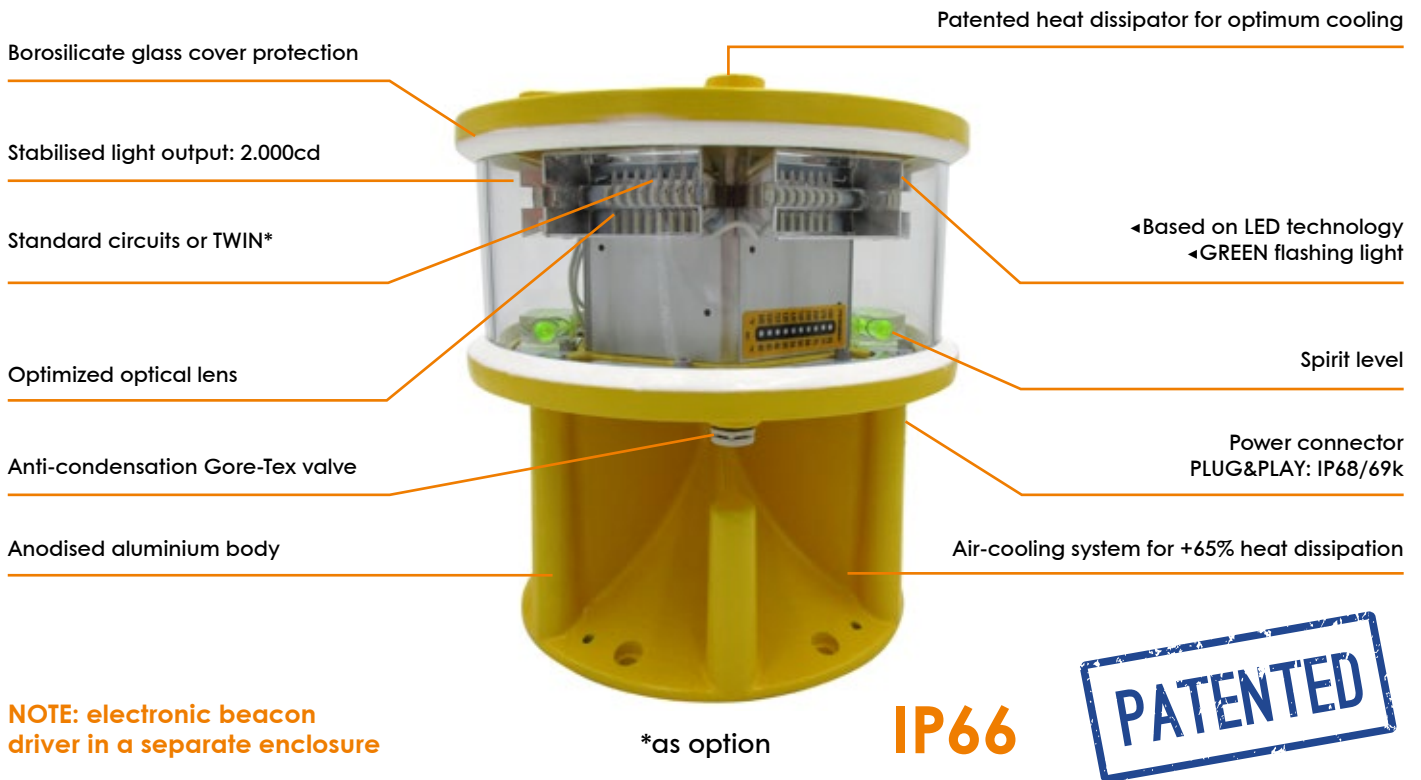Ø127

IDENTIFICATION BEACON

According to Annex 14 of ICAO regulations, Aeronautical Beacons should be provided at airports intended for use at night.

An Identification Beacon shall be provided where the airport, due to the location or high background luminance, cannot be easily identified from the air by other identification means.
The light displays a green or yellow flashing light in the International Morse Code that identifies the airport, and ICAO or IATA Airport Letters can be used.

ICAO AERONAUTICAL BEACONS

IDENTIFICATION BEACON

Borosilicate glass cover protection

Stabilised light output: 2.000cd

Standard circuits or TWIN*

Optimized optical lens

Anti-condensation Gore-Tex valve

Anodised aluminium body

Patented heat dissipator for optimum cooling

◄Based on LED technology
◄GREEN flashing light

Spirit level

Power connector
PLUG&PLAY: IP68/69k

Air-cooling system for +65% heat dissipation

NOTE: electronic beacon driver in a separate enclosure

*as option

IP66

PATENTED

LUXSOLAR IDB-LXS Aeronautical Identification Beacon is compliant and tested as fully compliant to ICAO rule.

With a compact body, high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR IDB-LXS product is the most up-to-dated and technologically advanced Aeronautical Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done at ground or easily accessible levels).

CERTIFICATION

CE

COMPLIANCE

ICAO

FEATURES

alu AL | BOROSILICATE | -30°C +50°C | IP66 | ∞ ON | SELF extinguishing | GORA - TEX | LED SMD | CD >2.000 | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 2R LED PRODUCT | up to 80m/s² | Photometric Test | Tested at 24km/h (150mph)

TYPICAL APPLICATION

ICAO AERONAUTICAL BEACONS

IDENTIFICATION BEACON
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- GREEN light 2.000cd, night mode
- Airport IATA/ICAO Morse Code Flash
- Horizontal beam radiation 360°
- Vertical beam spread >1°
- PMMA lens
- Light output alignment device

LIGHT MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Degree of protection: IP66
- Anti-condensation Gore-Tex valve
- Operating temp.: -30°C to +50°C
- Lamp unit weight: 6kg

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Photocell (twilight sensor)
- Overvoltage protection

ELECTRICAL FEATURES

- Power supply by LUXSOLAR controller box
- Suitable for 24Vdc or 115/230Vac power supply
- LED feeded at constant current
- No RF - Radiations

OPTIONS

- Beacon support bracket
- GPS (Global Position System) syncro
- Yellow flashing light for water aerodromes
- TWIN version: two separate LED circuits in the same fixture (normal + stand-by)

APPLY TO

- Airports intended for use at night and that can not be easily identified from the air by other means;
- Used to specifically identify the presence of an aerodrome.

CERTIFICATIONS

- ICAO test report (EN 17025 Laboratory) NR. 466-QL19-R02
- CE marking

COMPLIANCE

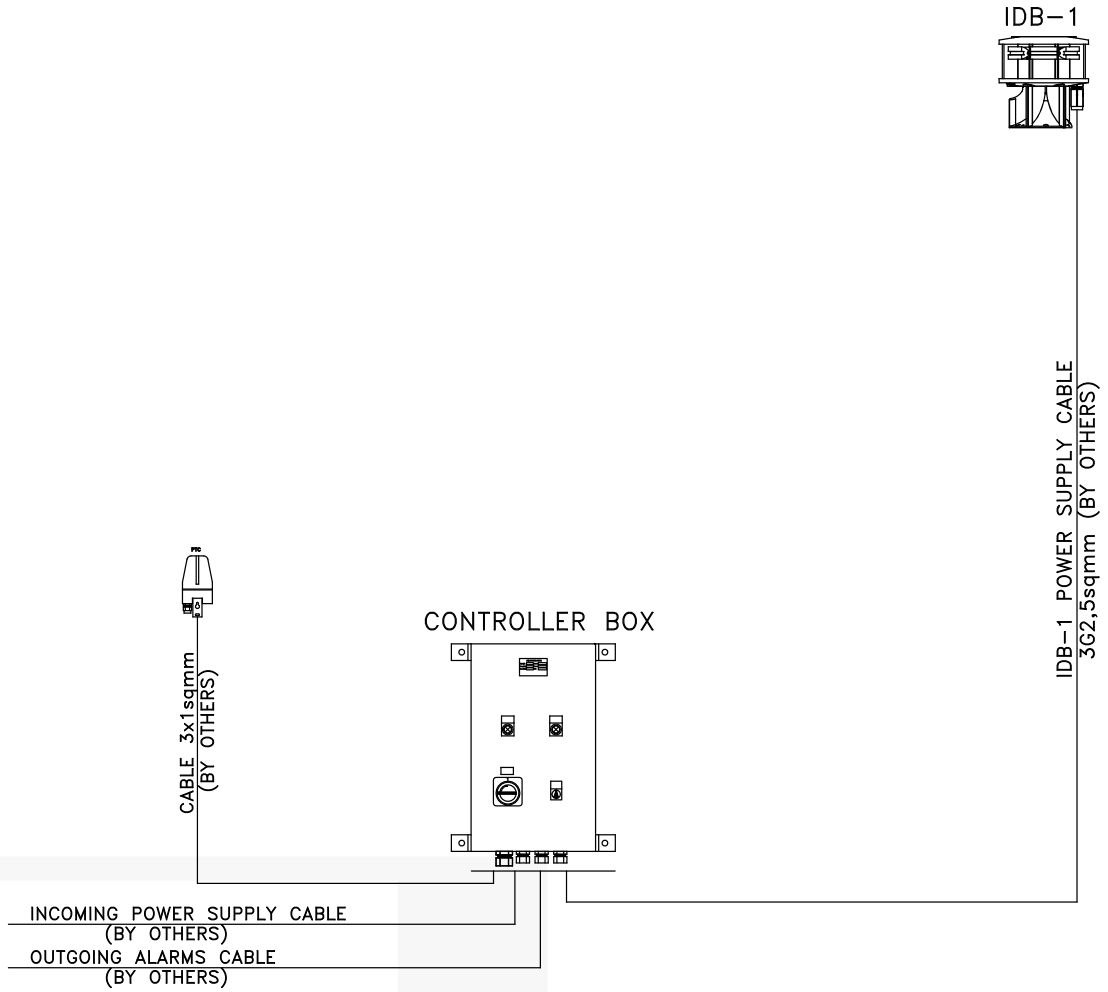- ICAO Aerodromes -Annex 14 Volume 1, Par. 5.3.3 "Aeronautical Beacon"

PART NUMBER

- IDB-LXS-IATA-AIRPORT CODE* 230VAC
- IDB-LXS-IATA-AIRPORT CODE** 24VDC
- IDB-LXS-ICAO-AIRPORT CODE*1 230VAC
- IDB-LXS-ICAO-AIRPORT CODE**1 24VDC

- *   Example: Identification beacon for Amsterdam Airport, part number will be: IDB-LXS-IATA-AMS-230VAC
- ** Example: Identification beacon for John F. Kennedy Intl., part number will be: IDB-LXS-IATA-JFK-24VDC
- *1   Example: Identification beacon for Malpensa Airport, part number will be: IDB-LXS-ICAO-LIMC-230VAC
- **1 Example: Identification beacon for Madrid Barajas Airport, part number will be: IDB-LXS-ICAO-LEMD-24VDC

rev_ 250205

ICAO AERONAUTICAL BEACONS

IDENTIFICATION BEACON
TECHNICAL DRAWING

IDB-1

IDB-1 POWER SUPPLY CABLE
3G2,5sqmm (BY OTHERS)

CABLE 3x1sqmm
(BY OTHERS)

CONTROLLER BOX

INCOMING POWER SUPPLY CABLE
(BY OTHERS)
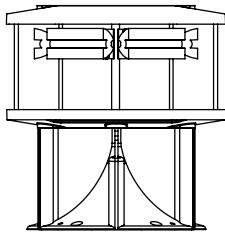OUTGOING ALARMS CABLE
(BY OTHERS)
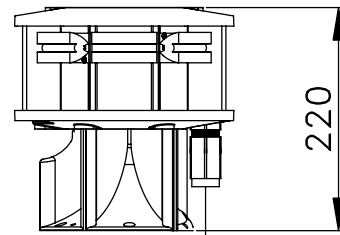
ICAO AERONAUTICAL BEACONS

IDENTIFICATION BEACON
TECHNICAL DRAWING

BEACON DETAIL

BEACON FRONT VIEW

BEACON SIDE VIEW

220

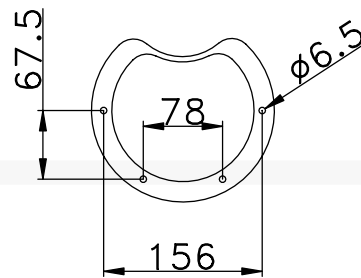INCOMING POWER SUPPLY CABLE
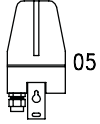C/W CONNECTOR (CABLE O.D. 7/14mm, Max size 2.5sqmm)

BEACON TOP VIEW

ø 215

FIXING DETAILS

67.5

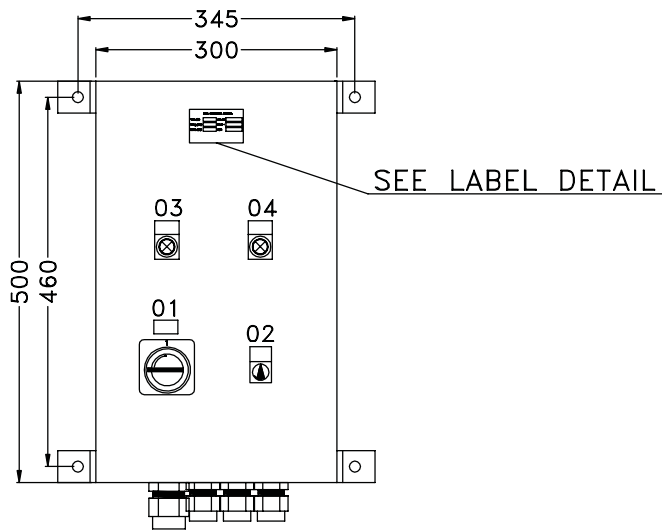ø6.5

78

156

rev_
250205
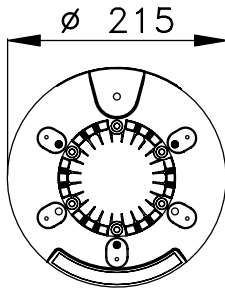
ICAO AERONAUTICAL BEACONS

IDENTIFICATION BEACON
TECHNICAL DRAWING

PANEL DETAIL

TWILIGHT
SENSOR

05

TO BE INSTALLED OUTSIDE
LOOKING FREE SKY NORTH
SUPPLIED AS LOOSE ITEM

345
300

SEE LABEL DETAIL

03   04

500 460

01

02

SIDE VIEW

260

BOTTOM VIEW

B○   D○
A○   C○

210
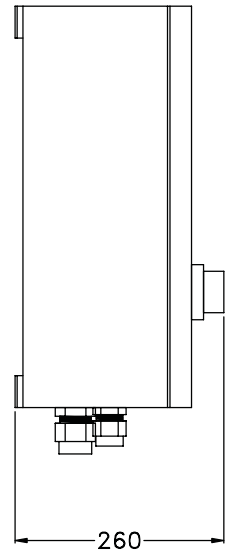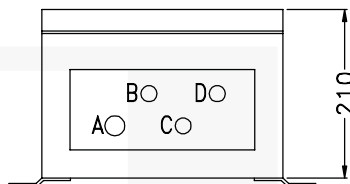
AERODROME BEACON

According to Annex 14 of ICAO regulations, Aeronautical Beacons should be provided at airports intended for use at night.
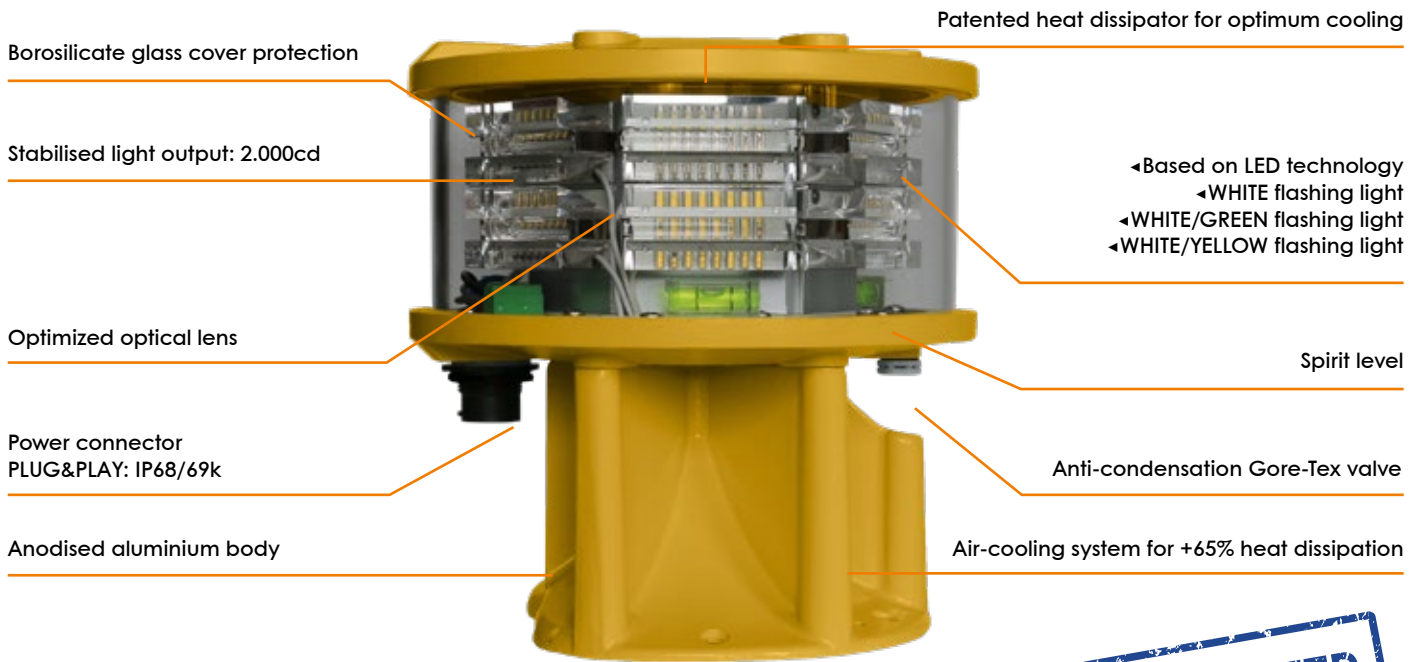
An Aerodrome Beacon shall be provided where the airport, due to the location or high background luminance, cannot be easily identified from the air by other identification means.
The light displays white or white/green (for land airports) or white/yellow (for sea airports) flashing light with 20-30 flashes per minute.

16

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

rev_
250205_A

AERODROME BEACON

Borosilicate glass cover protection

Stabilised light output: 2.000cd

Optimized optical lens

Power connector
PLUG&PLAY: IP68/69k

Anodised aluminium body

Patented heat dissipator for optimum cooling

◄Based on LED technology
◄WHITE flashing light
◄WHITE/GREEN flashing light
◄WHITE/YELLOW flashing light

Spirit level

Anti-condensation Gore-Tex valve

Air-cooling system for +65% heat dissipation

NOTE: electronic beacon driver in a separate enclosure

IP66

PATENTED

LUXSOLAR ADB-LXS Aeronautical Aerodrome Beacon is compliant to ICAO rule.

With a compact body, high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR ADB-LXS product is the most up-to-dated and technologically advanced Aeronautical Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done at ground or easily accessible levels).

CERTIFICATION

CE

COMPLIANCE

ICAO

FEATURES

| alu AL | BOROSILICATE | -30°C +50°C | IP66 | ∞ ON | SELF extinguishing | GORA - TEX | LED SMD | CD >2.000 | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 3R LED PRODUCT | up to 80m/s² | Tested at 24km/h (150mph) |

TYPICAL APPLICATION

rev_
250205_A

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

17

ICAO AERONAUTICAL BEACONS

AERODROME BEACON
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- WHITE light 2.000cd, night mode
- 20fpm to 30fpm
- Horizontal beam radiation 360°
- Vertical beam spread >1°
- PMMA lens
- Light output alignment device

MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Degree of protection: IP66
- Anti-condensation Gore-Tex valve
- Operating temp.: -30°C to +50°C
- Lamp unit weight: 6kg

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Photocell (twilight sensor)
- Overvoltage protection

ELECTRICAL FEATURES

- Power supply by LUXSOLAR controller box
- Suitable for 24Vdc or 115/230Vac power supply
- LED feeded at constant current
- No RF - Radiations

OPTIONS

- Beacon support bracket
- GPS (Global Position System) syncro
- White/Yellow alternate flashes for water aerodromes (-SEA)
- White/Green alternate flashes for land aerodromes instead of white flashes only (-LAND)
- TWIN version: two separate LED circuits in the same fixture (normal + stand-by)

APPLY TO

- Airports intended for use at night and that can not be easily identified from the air by other means;
- Used to generally identify the presence of an aerodrome.

CERTIFICATIONS

- CE marking

COMPLIANCE

- ICAO Aerodromes -Annex 14 Volume 1, Par. 5.3.3 "Aeronautical Beacon"

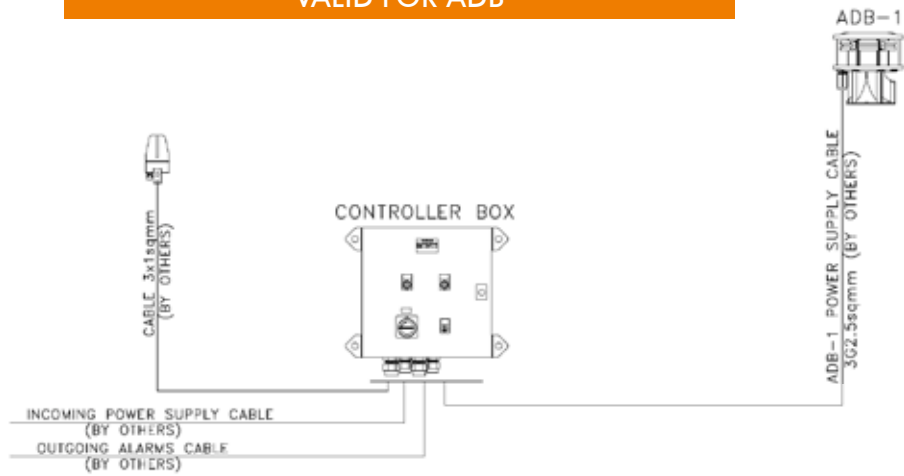### PART NUMBER

- ADB-LXS-230VAC
- ADB-LXS-24VDC

PART NUMBER FOR OPTIONAL VERSIONS

- ADB-LXS-T-230VAC
- ADB-LXS-T-24VDC
- ADB-LXS-T-230VAC-LAND
- ADB-LXS-T-24VDC-LAND
- ADB-LXS-T-230VAC-SEA
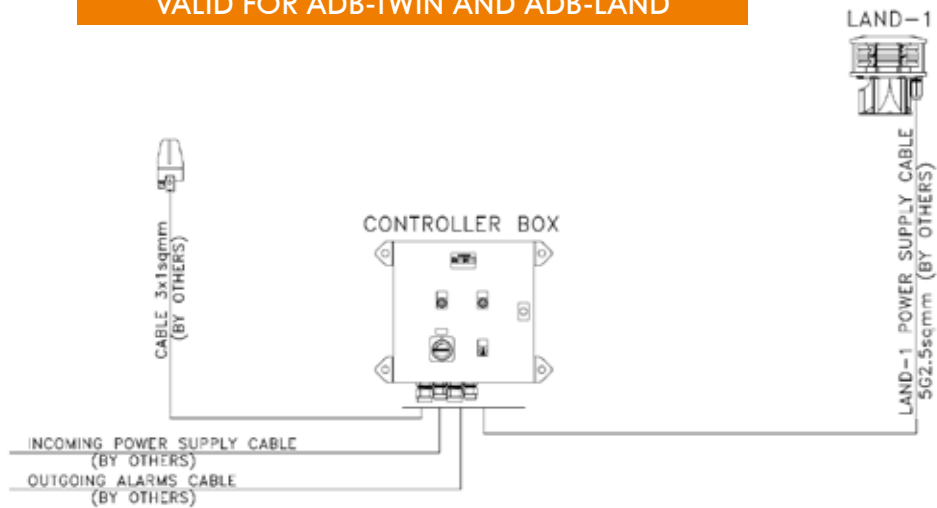- ADB-LXS-T-24VDC-SEA

rev_
250205_A

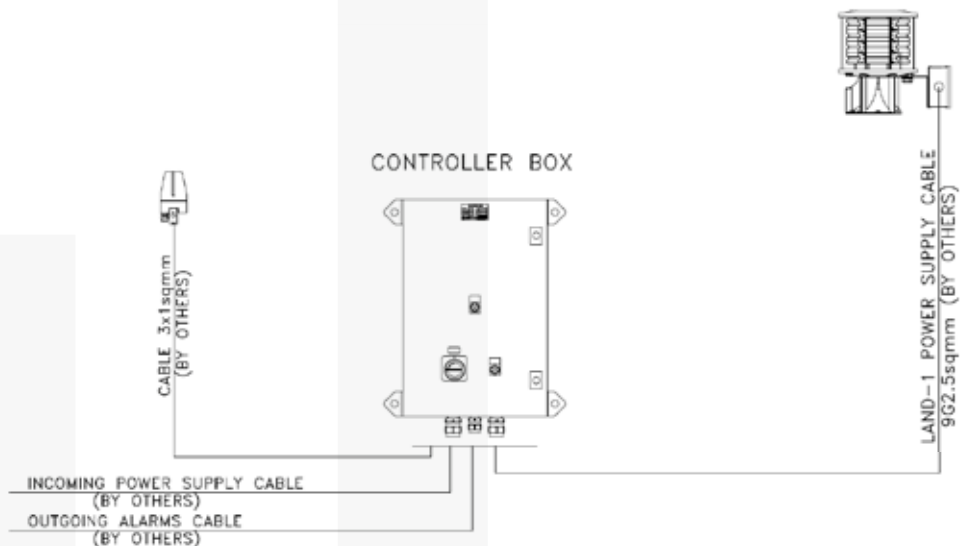# ICAO AERONAUTICAL BEACONS

AERODROME BEACON
TECHNICAL DRAWING

VALID FOR ADB

VALID FOR ADB-TWIN AND ADB-LAND

VALID FOR ADB-LAND-TWIN

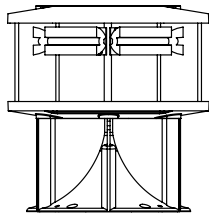NOTE: Drawing referred to land aerodrome beacon

ICAO AERONAUTICAL BEACONS
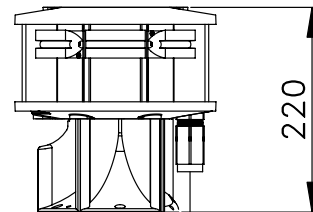
AERODROME BEACON
TECHNICAL SPECIFICATIONS

BEACON DETAIL

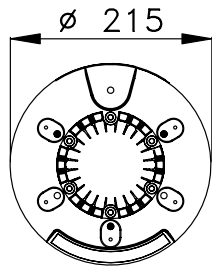**VALID FOR ADB / ADB-LAND / ADB-TWIN**
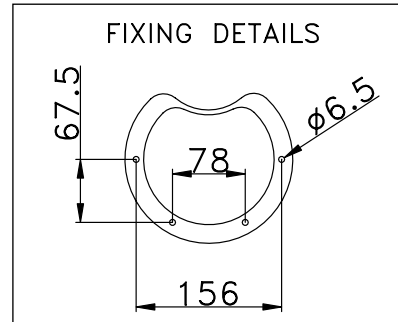
BEACON FRONT VIEW

BEACON SIDE VIEW

220

INCOMING POWER SUPPLY CABLE
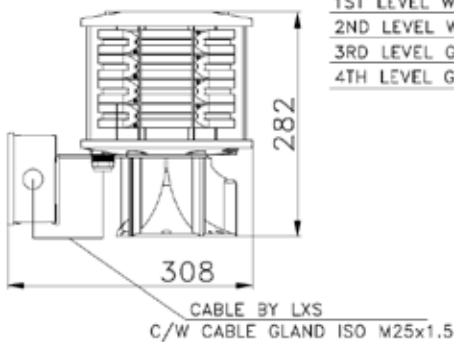C/W CONNECTOR (CABLE O.D. 7/14mm, Max size 2.5sqmm)
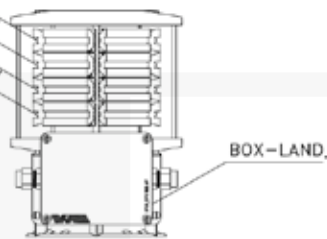
BEACON TOP VIEW

ø 215

FIXING DETAILS

67.5

ø6.5

78

156

VALID FOR ADB-LAND-TWIN

RIGHT SIDE VIEW

BEACON FRONT VIEW

LEFT SIDE VIEW

1ST LEVEL WHITE NORMAL
2ND LEVEL WHITE EMERGENCY
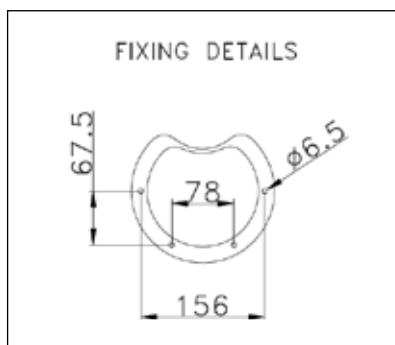3RD LEVEL GREEN NORMAL
4TH LEVEL GREEN EMERGENCY
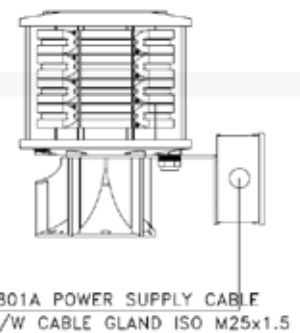
BOX-LAND_

282

308

CABLE BY LXS
C/W CABLE GLAND ISO M25x1.5

L801A POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

TOP VIEW

215

FIXING DETAILS

67.5

ø6.5

78

156

ICAO AERONAUTICAL BEACONS

AERODROME BEACON
TECHNICAL DRAWING

PANEL DETAIL

VALID FOR ADB / ADB-LAND / ADB-TWIN

TWILIGHT SENSOR

TO BE INSTALLED OUTSIDE LOOKING FREE SKY NORTH SUPPLIED AS LOOSE ITEM

FRONT VIEW
SEE LABEL DETAIL
SIDE VIEW
BOTTOM VIEW

VALID FOR ADB-LAND-TWIN

FRONT VIEW
SEE LABELS DETAILS
SIDE VIEW
BOTTOM VIEW
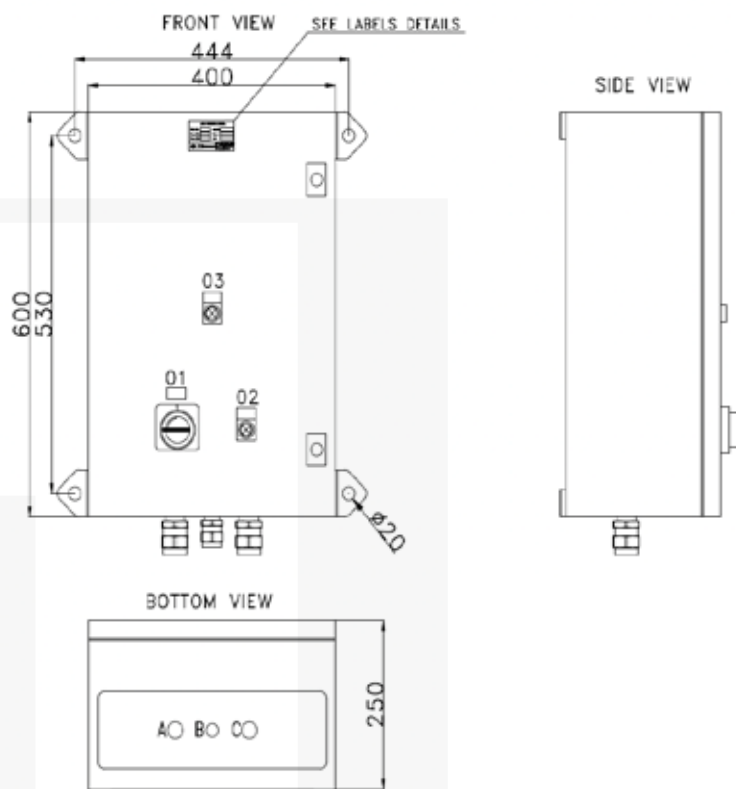
NOTE: Drawing referred to land aerodrome beacon
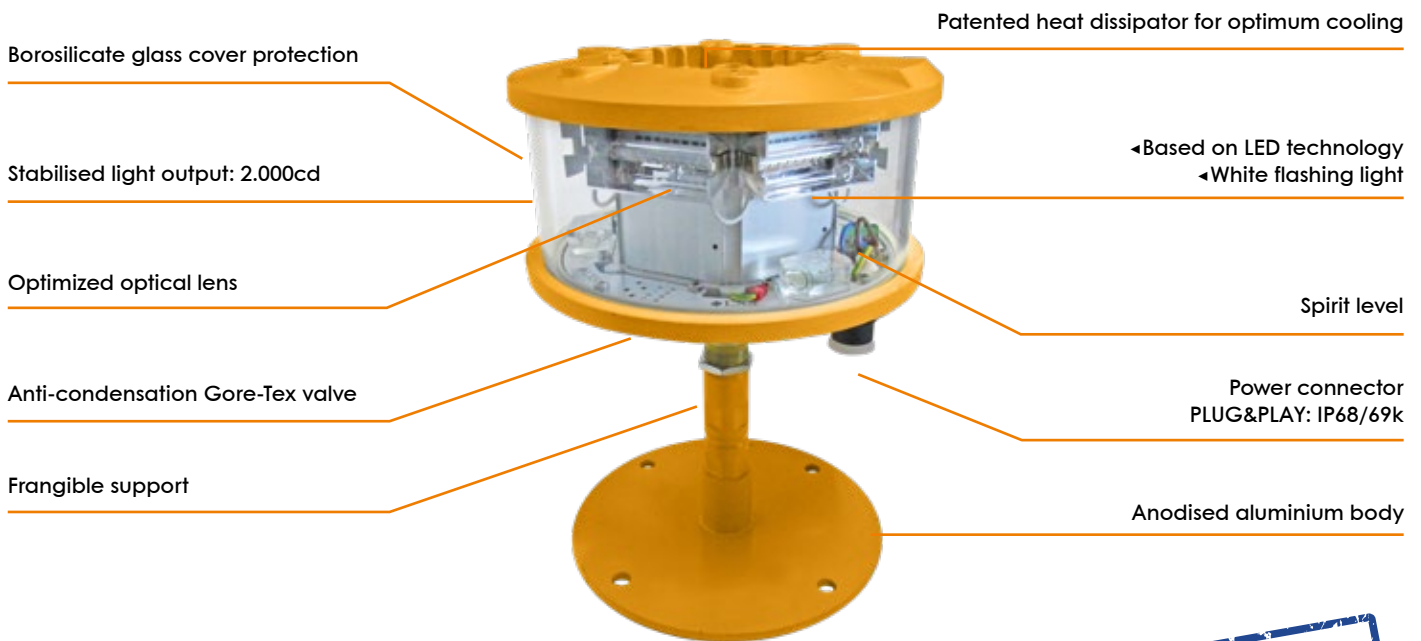
CIRCLING GUIDANCE LIGHT

According to Annex 14 of ICAO regulations, Circling Guidance Lights should be provided at airports if the existing approach or runway lighting does not allow easily identification of the runway.
The light displays white flashing light.

LXS®
LUXSOLAR®

rev_
250205

ICAO AERONAUTICAL BEACONS

CIRCLING GUIDANCE LIGHT

Patented heat dissipator for optimum cooling

Borosilicate glass cover protection

◄ Based on LED technology
◄ White flashing light

Stabilised light output: 2.000cd

Optimized optical lens

Spirit level

Anti-condensation Gore-Tex valve

Power connector
PLUG&PLAY: IP68/69k

Frangible support

Anodised aluminium body

NOTE: electronic beacon driver in a separate enclosure

IP66

PATENTED

LUXSOLAR CGL-LXS Circling Guidance Light is compliant to ICAO rule.

With a compact body, high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR CGL-LXS product is the most up-to-dated and technologically advanced Aeronautical Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done at ground or easily accessible levels).

CERTIFICATION

CE

COMPLIANCE

ICAO

FEATURES

| alu AL | BOROSILICATE | -30°C +50°C | IP66 | ∞ ON | SELF extinguishing | GORA - TEX | LED SMD | DAY CD 5000 | TWILIGHT CD 1500 | NIGHT CD 600 | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 1M LED PRODUCT |

TYPICAL APPLICATION

ICAO AERONAUTICAL BEACONS

CIRCLING GUIDANCE LIGHT
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- 5.000cd day mode, WHITE flashing *
- 1.500cd twilight mode, WHITE flashing *
- 600cd night mode, WHITE flashing *
- Horizontal beam radiation 360°
- Vertical beam spread from 2° to 10°
- PMMA lens
- Light output alignment device

MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Frangible support
- Degree of protection: IP66
- Operating temperature: -30°C +50°C
- Lamp unit weight: 8kg

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Photocell (twilight sensor)
- Overvoltage protection

ELECTRICAL FEATURES

- Suitable for 24Vdc or 115/230Vac power supply by LUXSOLARcontroller box
- LED feeded at constant current
- No RF-radiations

APPLY TO

- Precision approach runway intended for use by day or night when existing approach lighting systems do not satisfactorily permit identification of the runway.
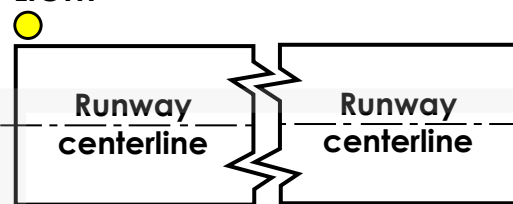
CERTIFICATIONS

- CE marking

COMPLIANCE

- ICAO Aerodromes -Annex 14 Volume 1, Chapter 5
- ICAO Aerodrome Design Manual doc. 9157, part 4 Visual Aids, Chapter 7

PART NUMBER

- CGL-LXS-8

CIRCLING GUIDANCE LIGHT

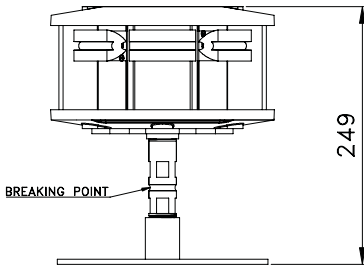* for visibility 1.500m to 5.000m
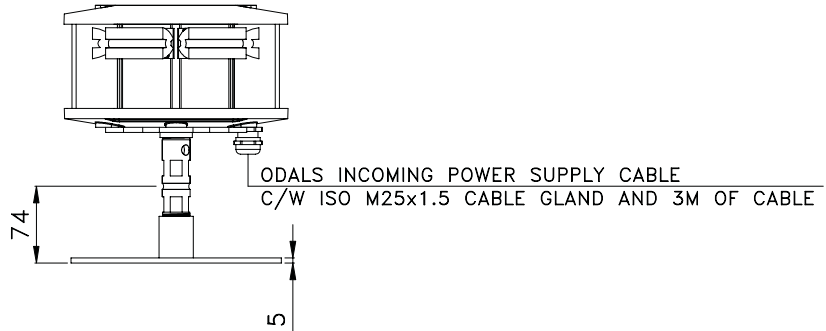
rev_ 250205

ICAO AERONAUTICAL BEACONS
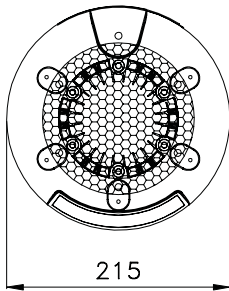
CIRCLING GUIDANCE LIGHT
TECHNICAL DRAWING

BEACON DETAIL

BEACON SIDE VIEW

249

BREAKING POINT

BEACON FRONT VIEW

74

5

ODALS INCOMING POWER SUPPLY CABLE
C/W ISO M25x1.5 CABLE GLAND AND 3M OF CABLE

BEACON TOP VIEW

215

FIXING DETAILS

85   85

85
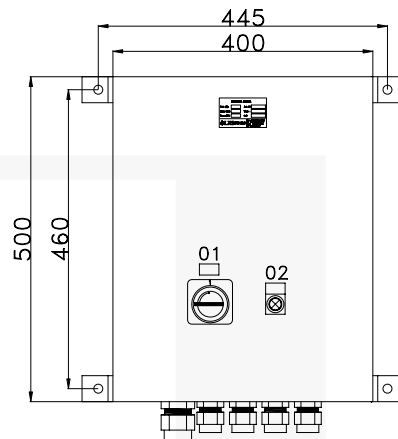
170

85

⌀⌀11

⌀⌀20

⌀⌀203

PANEL DETAIL

FRONT VIEW
445
400

500   460

01
02
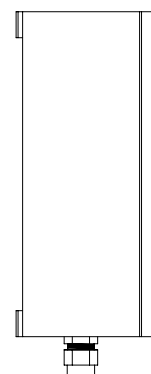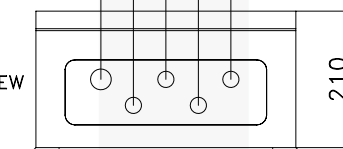
SIDE VIEW

REMOTE COMMAND SIGNALS CABLE
C/W CABLE GLAND ISO M25x1.5

ALARMS SIGNALS CABLE
C/W CABLE GLAND ISO M25x1.5

INCOMING POWER SUPPLY CABLE
C/W CABLE GLAND ISO M32x1.5

REIL-1 BEACON POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

REIL-2 BEACON POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

BOTTOM VIEW

210
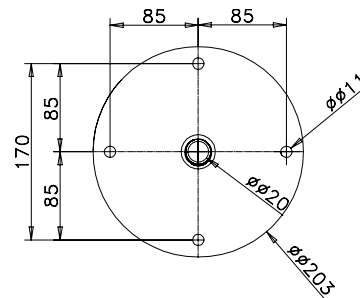
NOTE: typical drawing for control panel

## AIRPORT WINDSOCK
COLLAPSIBLE VERSION

Windsocks, also known as wind direction indicators, are important visual aids that each runway must have.

The purpose of these devices is to inform pilots about wind direction and speed, helping them easily and quickly determine weather conditions during landing or taking off phases.

rev_
250205

AIRPORT WINDSOCK
COLLAPSIBLE VERSION

Obstruction light

Internal light

PU coated Polyester Sock

SS316L Mast
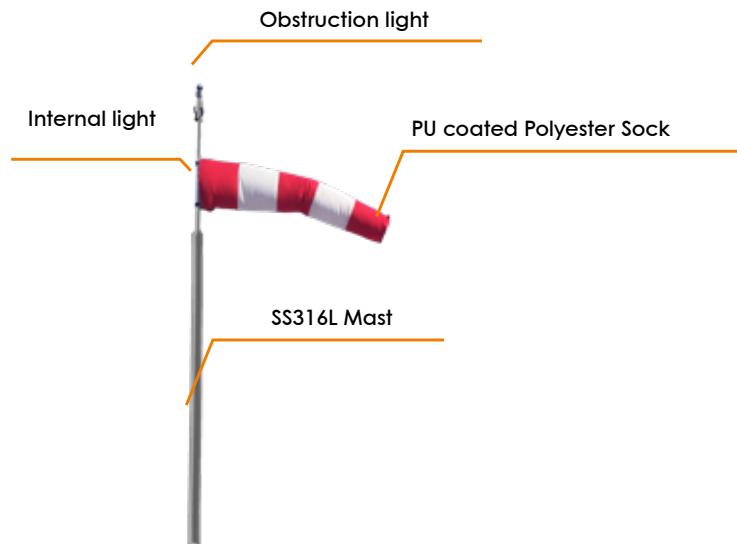
➜ Sock colour: ORANGE/WHITE/RED&WHITE stripes
➜ Designed to be visible from up to 200m
➜ Collapsible mechanism*
➜ Compliance: ICAO / EASA

* Collapsible mechanism: the pole is designed to fall to the ground if hit by an aircraft.

CERTIFICATION

CE

COMPLIANCE

ICAO   EASA

FEATURES

SOCK
100%
PU coated
Polyester

MAST
100%
SS316L

TYPICAL APPLICATION

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

27
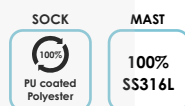
AIRFIELD LIGHTS

AIRPORT WINDSOCK COLLAPSIBLE VERSION
TECHNICAL SPECIFICATIONS

KEY FEATURES

- **Sock colour:** ORANGE/WHITE/RED&WHITE stripes
- Designed to be visible from up to 200m

MECHANICAL FEATURES

- Sock material: Polyester PU coated
- Sock dimensions: 3,6m long x 0,90m mouth diameter x 0,45m tail diameter
- Mast material: SS316L natural finish (not painted), collapsible mechanism
- Mast height: 6m to windsock centerline
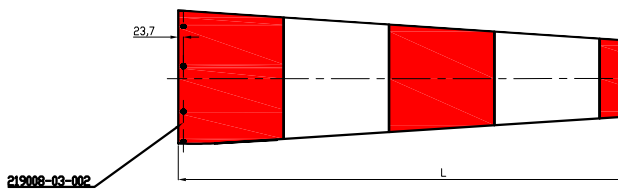
CERTIFICATIONS

- CE marking

COMPLIANCE

- ICAO Annex 14
- EASA CS-ADR-DSN

AIRFIELD LIGHTS

AIRPORT WINDSOCK
COLLAPSIBLE VERSION
TECHNICAL DRAWING

STANDARD WINDSOCK MAST WITH INTERNAL LIGHTING	
Base Plate Measurements	280x280mm
Height of Windsock above Ground	>6m
Windsock Throat Opening	900mm
Windsock Length	3600mm

rev_
250205
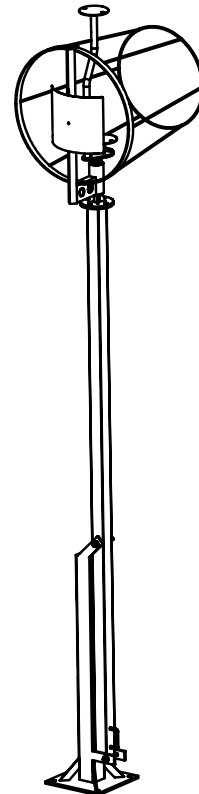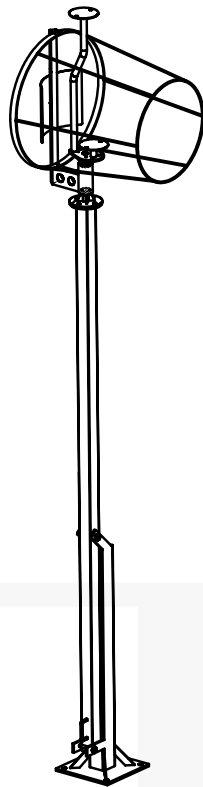
AERONAUTICAL BEACONS

PRODUCT LINE TYPICAL INSTALLATION
SURFACE LEVEL AERONAUTICAL
FAA CONFIGURATION

REIL

ODALS

**AIRPORT BEACON
L801A-LXS**

**SEAPLANE BEACON
L801S-LXS**

LXS® LUXSOLAR®
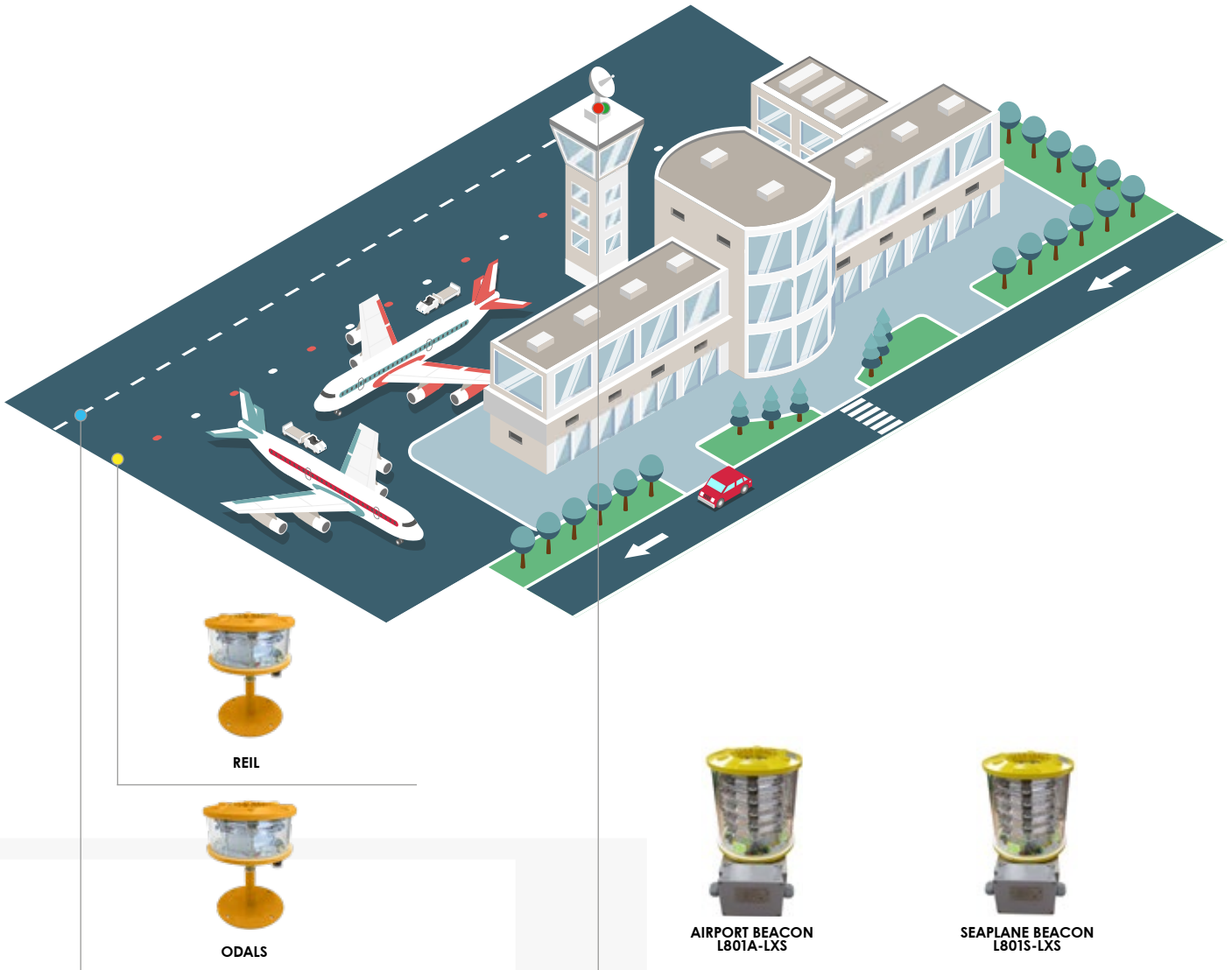
LEGEND

🔴 AIRPORT BEACON L801A-LXS

🟢 SEAPLANE BEACON L801S-LXS

🟡 OMNI - DIRECTIONAL APPROACH
LIGHTING SYSTEM (ODALS)

🔵 RUNWAY END IDENTIFICATION LIGHTS (REIL)

Image is for informational purposes only.

OMNI - DIRECTIONAL APPROACH LIGHTING SYSTEM (ODALS)

According to FAA Advisory Circular 150/5345-51, ODALS system is composed by five omni-directional flashing lights installed on extended runway centerline and two REIL omni-directional light installed at each side of runway threshold.

The five lights flash in sequence toward the runway threshold and the two REIL lights flash simultaneously after the last flash of the centerline lights.

ODALS

Borosilicate glass cover protection

Stabilised light output

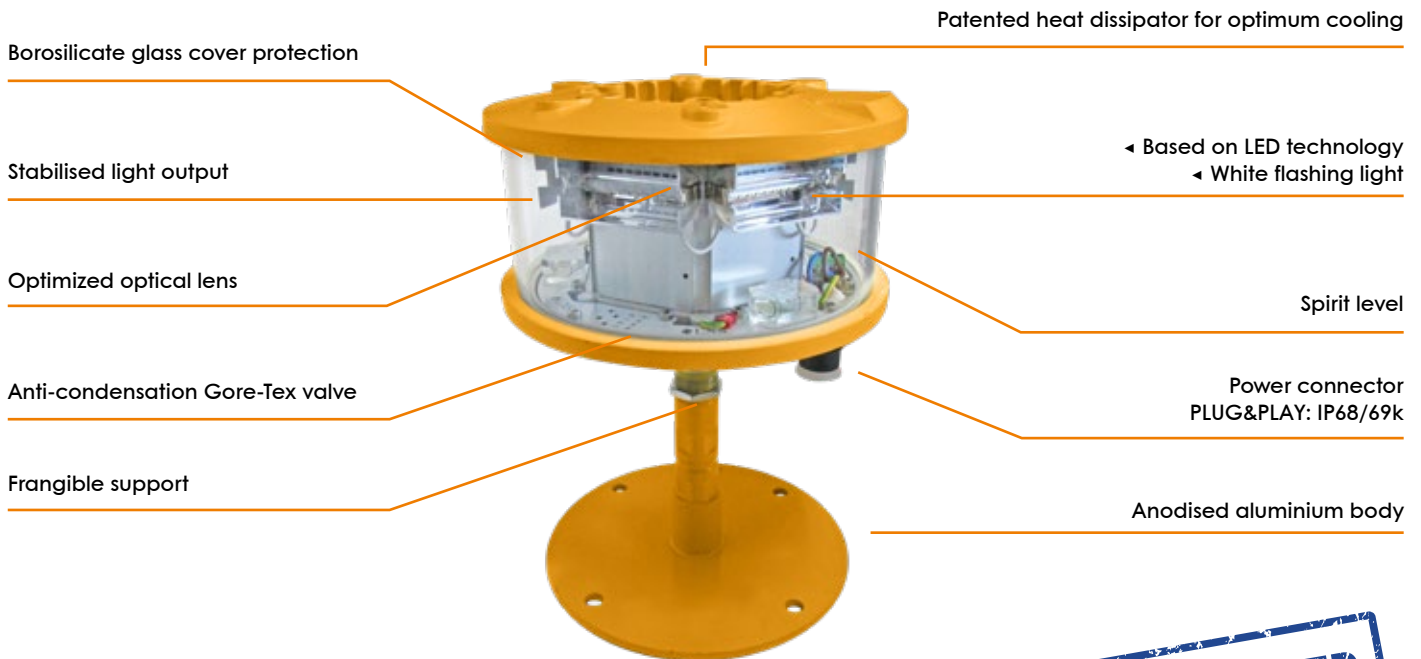Optimized optical lens

Anti-condensation Gore-Tex valve

Frangible support

Patented heat dissipator for optimum cooling

◄ Based on LED technology
◄ White flashing light

Spirit level

Power connector
PLUG&PLAY: IP68/69k

Anodised aluminium body

NOTE: electronic beacon driver in a separate enclosure

IP66

PATENTED

LUXSOLAR L859-LXS ODALS Light is compliant to FAA rule.

With a compact body, high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR L859-LXS product is the most up-to-dated and technologically advanced Approach Light Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done at ground or easily accessible levels).

CERTIFICATION

C E

COMPLIANCE

FAA

FEATURES

| alu AL | BOROSILICATE | -30°C +50°C | IP66 | ∞ ON | SELF extinguishing | GORA - TEX | LED SMD | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 2R LED PRODUCT |

TYPICAL APPLICATION

rev_ 250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

33

FAA AERONAUTICAL BEACONS

ODALS
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- WHITE light
- Three intensity steps: 5.000cd, 1.500cd, 300cd, flashing at @60fpm (style F)
- Horizontal beam radiation 360°
- Vertical beam spread from 2° to 10°
- PMMA lens
- Light output alignment device

MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Frangible support
- Degree of protection: IP66
- Operating temperature: -30°C +50°C
- Lamp unit weight: 8kg

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Photocell (twilight sensor)
- Overvoltage protection

ELECTRICAL FEATURES

- Suitable for 24Vdc or 115/230Vac power supply by LUXSOLARcontroller box
- LED feeded at constant current
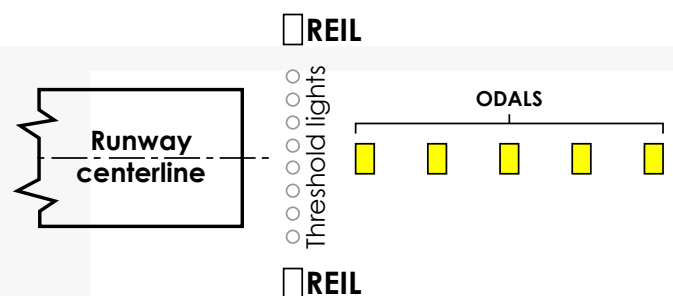- No RF-radiations

APPLY TO

- Airport runways

CERTIFICATIONS

- CE marking

COMPLIANCE
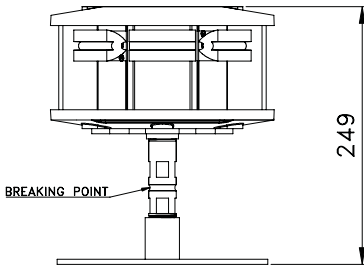
- FAA AC150/5345-51

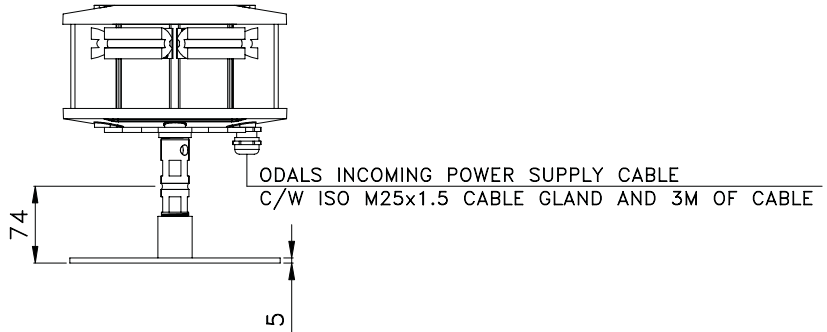### PART NUMBER

- L859-LXS-8

rev_
250205

ODALS
TECHNICAL DRAWING

BEACON DETAIL

BEACON SIDE VIEW

BEACON FRONT VIEW
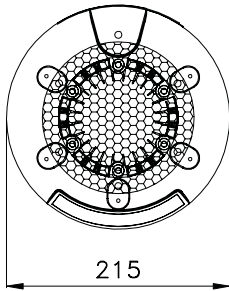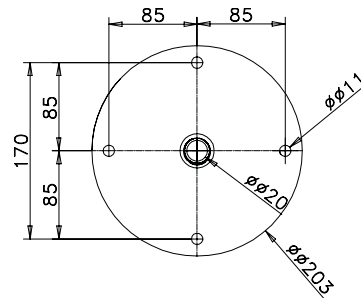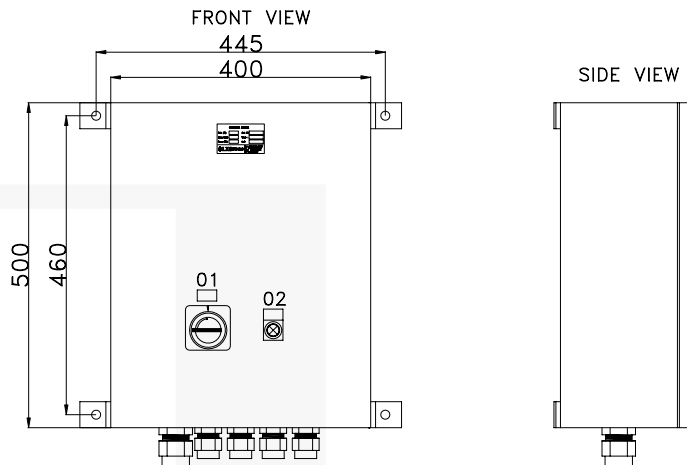
249

BREAKING POINT

74

5

ODALS INCOMING POWER SUPPLY CABLE
C/W ISO M25x1.5 CABLE GLAND AND 3M OF CABLE

BEACON TOP VIEW

215

FIXING DETAILS

85 85

85

170

85

ø ø 11

ø ø 20

ø ø 203

PANEL DETAIL

FRONT VIEW
445
400

SIDE VIEW

500

460

01

02

REMOTE COMMAND SIGNALS CABLE
C/W CABLE GLAND ISO M25x1.5

ALARMS SIGNALS CABLE
C/W CABLE GLAND ISO M25x1.5

INCOMING POWER SUPPLY CABLE
C/W CABLE GLAND ISO M32x1.5

REIL-1 BEACON POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

REIL-2 BEACON POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

BOTTOM VIEW

210

NOTE: typical drawing for control panel

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

35
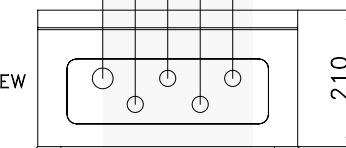
RUNWAY END IDENTIFICATION LIGHT (REIL)

According to FAA Advisory Circular 150/5345-51, ODALS system is composed by five omni-directional flashing lights installed on extended runway centerline and two REIL omni-directional light installed at each side of runway threshold.

The five lights flash in sequence toward the runway threshold and the two REIL lights flash simultaneously after the last flash of the centerline lights.

LXS®
LUXSOLAR®

rev_
250205

FAA AERONAUTICAL BEACONS

REIL

Borosilicate glass cover protection

Stabilised light output

Optimized optical lens

Anti-condensation Gore-Tex valve

Frangible support

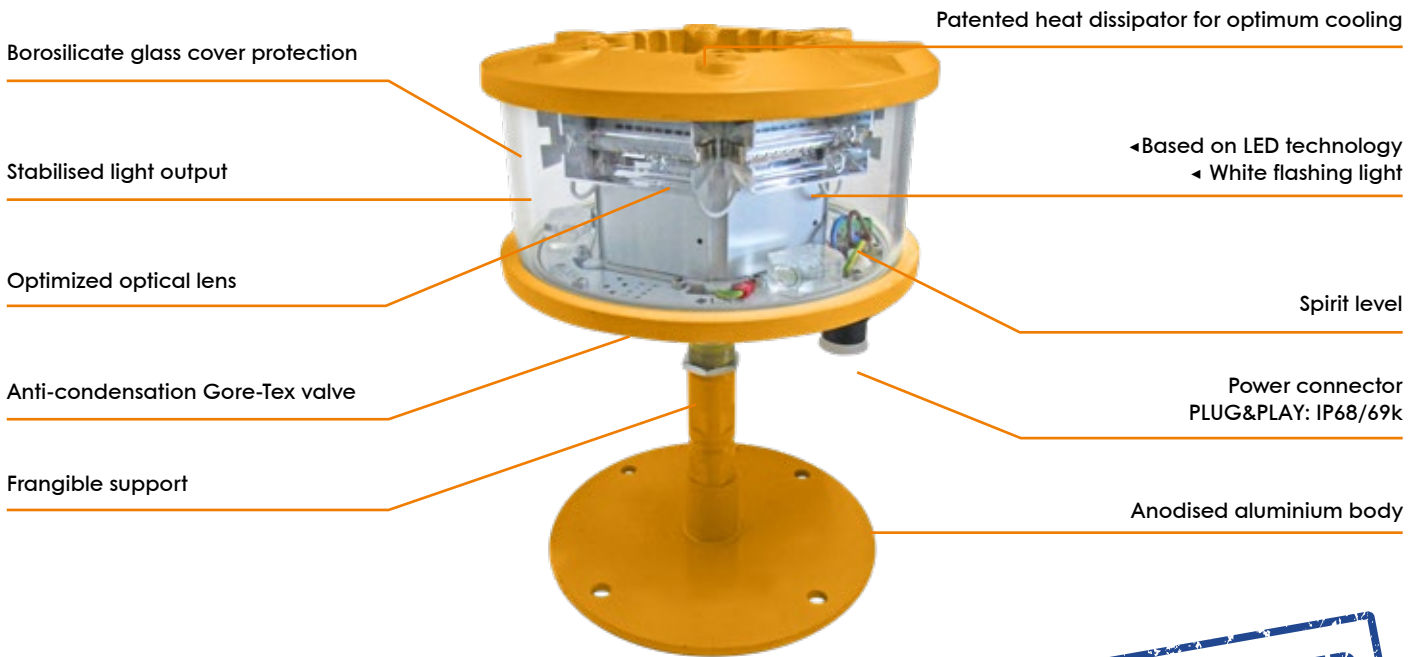Patented heat dissipator for optimum cooling

◄ Based on LED technology
◄ White flashing light

Spirit level

Power connector
PLUG&PLAY: IP68/69k

Anodised aluminium body

NOTE: electronic beacon driver in a separate enclosure

IP66

PATENTED

LUXSOLAR L849-LXS REIL Light is compliant to FAA rule.

With a compact body, high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR L849-LXS product is the most up-to-dated and technologically advanced Approach Light Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done at ground or easily accessible levels).

CERTIFICATION

CE

COMPLIANCE

FAA

FEATURES

| alu AL | BOROSILICATE | -30°C +50°C | IP66 | ON | SELF extinguishing | GORA - TEX | LED SMD | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 2R LED PRODUCT |

TYPICAL APPLICATION

FAA AERONAUTICAL BEACONS

REIL
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- WHITE light
- High intensity: 5.000cd, flashing at @60fpm (Style B)
- Low intensity: 700cd, flashing at @120fpm (Style D)
- Three intensity steps: 5.000cd, 1.500cd, 300cd, flashing at @60fpm (Style F)
- Horizontal beam radiation 360°
- Vertical beam spread from 2° to 10°
- PMMA lens
- Light output alignment device

MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Frangible support
- Degree of protection: IP66
- Operating temperature: -30°C +50°C
- Lamp unit weight: 8kg

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Photocell (twilight sensor)
- Overvoltage protection

ELECTRICAL FEATURES

- Suitable for 24Vdc or 115/230Vac power supply by LUXSOLARcontroller box
- LED feeded at constant current
- No RF-radiations

APPLY TO

- ODALS system uses seven omni-directional flashing light, five are installed on an extended runway centerline and two are installed in a REIL configuration flashing simultaneously after the last flash of the centerline lights ; this lighting system is an aid for pilots that need to determine which runway is in use.
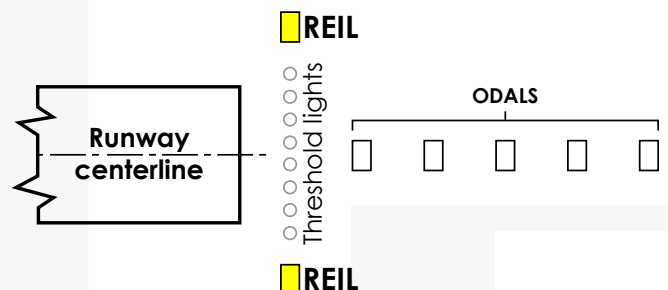
CERTIFICATIONS

- CE marking

COMPLIANCE

- FAA AC150/5345-51
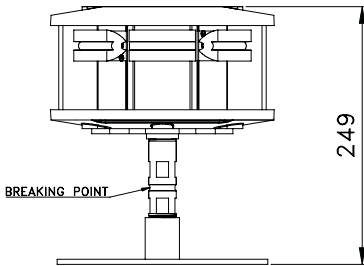
PART NUMBER

- L849-LXS-8

FAA AERONAUTICAL BEACONS

REIL
TECHNICAL DRAWING
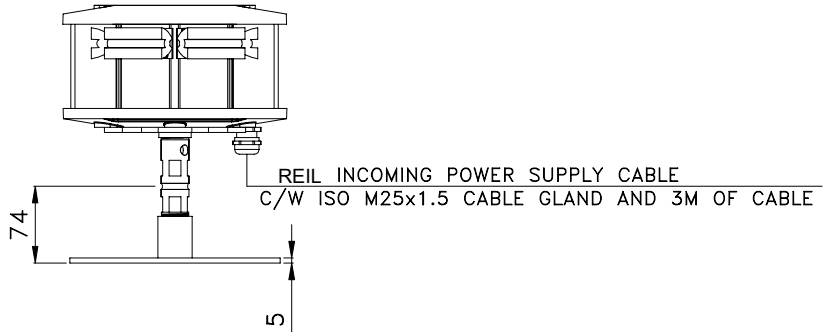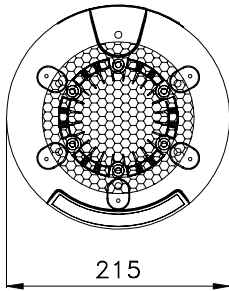
BEACON DETAIL

BEACON SIDE VIEW

BREAKING POINT

249

BEACON FRONT VIEW

74

5

REIL INCOMING POWER SUPPLY CABLE
C/W ISO M25x1.5 CABLE GLAND AND 3M OF CABLE

BEACON TOP VIEW

215

FIXING DETAILS

85   85

85

170

85

øø11

øø20

øø203

PANEL DETAIL

FRONT VIEW
445
400

500
460

01

02

SIDE VIEW

REMOTE COMMAND SIGNALS CABLE
C/W CABLE GLAND ISO M25x1.5
ALARMS SIGNALS CABLE
C/W CABLE GLAND ISO M25x1.5
INCOMING POWER SUPPLY CABLE
C/W CABLE GLAND ISO M32x1.5

REIL-1 BEACON POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5
REIL-2 BEACON POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

BOTTOM VIEW

210
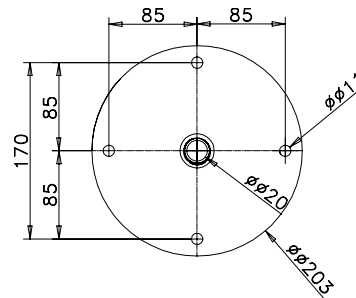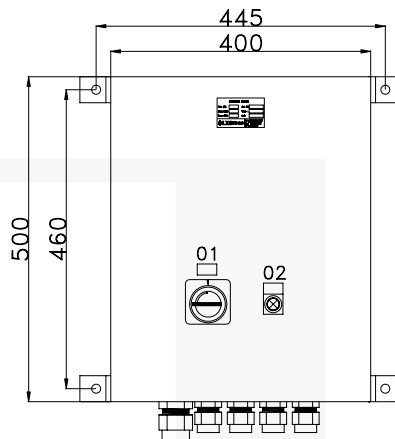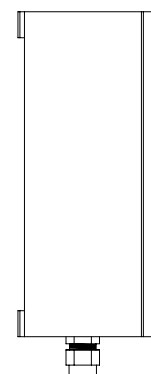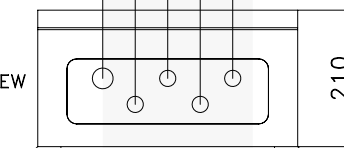
NOTE: typical drawing for control panel

AIRPORT BEACONS
MEDIUM INTENSITY L801A-LXS

According to FAA AC150/5345-12, an L801A Aeronautical Beacons should be provided at airports intended for use at night.

L801A Beacon shall be provided where the airport, due to the location or high background luminance, cannot be easily identified from the air by other identification means.

The device displays alternate white/green flashing light with 22-26 flashes per minute.

FAA AERONAUTICAL BEACONS

AIRPORT BEACONS
MEDIUM INTENSITY L801A-LXS

Borosilicate glass cover protection

Stabilised light output: 50.000cd

Optimized optical lens

Anti-condensation Gore-Tex valve

Anodised aluminium body

Patented heat dissipator for optimum cooling

◄ Based on LED technology

Spirit level

Power connector
PLUG&PLAY: IP68/69k

Air-cooling system for +65% heat dissipation

NOTE: electronic beacon driver in a separate enclosure

IP66

PATENTED

LUXSOLAR L801A-LXS Seaplane Aeronautical Aerodrome Beacon is compliant to FAA rule.

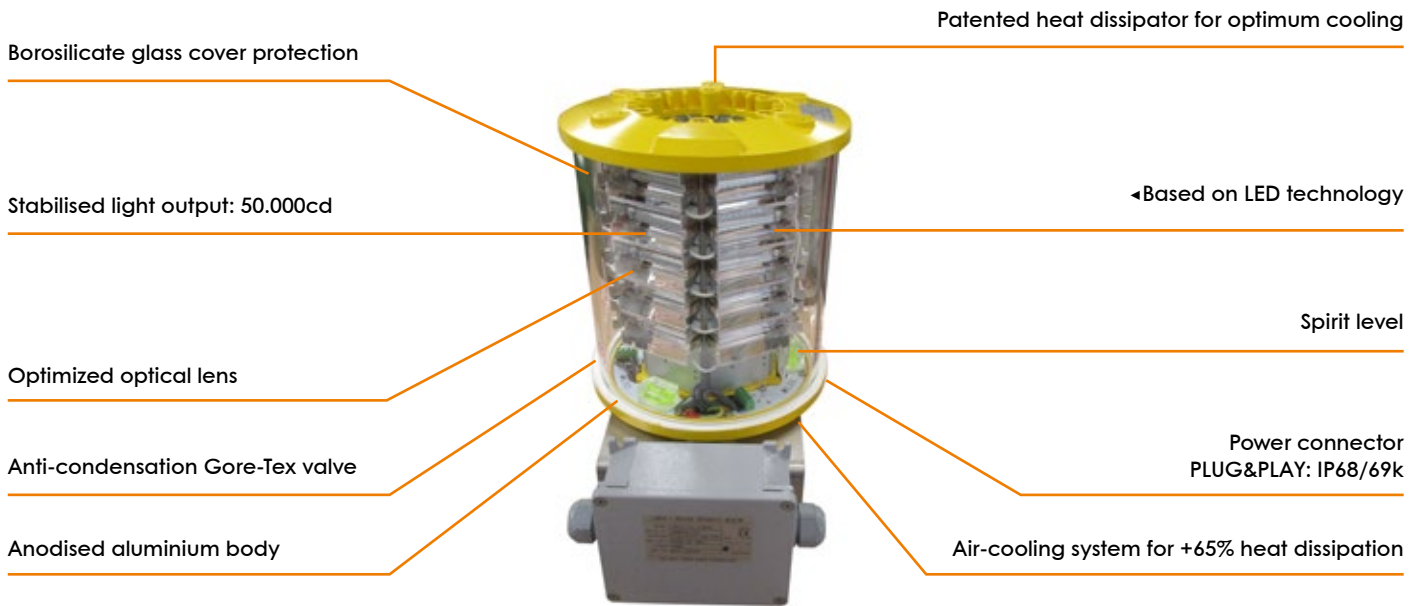With high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR L801A-LXS product is the most up-to-dated and technologically advanced Aeronautical Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done easily).

CERTIFICATION

CE

COMPLIANCE

FAA

FEATURES

| alu AL | BOROSILICATE | -30°C +50°C | IP66 | ∞ ON | SELF extinguishing | GORA - TEX | LED SMD | WHITE CD 50000 | GREEN CD 7500 | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 3B LED PRODUCT |

TYPICAL APPLICATION

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

41

FAA AERONAUTICAL BEACONS
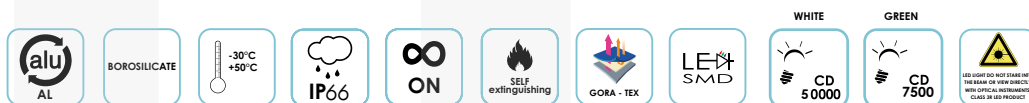
AIRPORT BEACONS
MEDIUM INTENSITY L801A-LXS
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- 50.000cd WHITE light / 7.500cd GREEN light - Flashing 22-26fpm
- Horizontal beam radiation 360°
- Vertical beam spread from -3° to +7°
- PMMA lens
- Light output alignment device

MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Degree of protection: IP66
- Anti-condensation Gore-Tex valve
- Operating temp.: -30°C to +50°C
- Lamp unit weight: 8kg approx.

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Overvoltage protection

ELECTRICAL FEATURES

- Power supply by LUXSOLAR controller box
- Suitable for 24Vdc or 115/230Vac power
- supply
- LED feeded at constant current
- No RF - Radiations

OPTIONS

- Beacon support bracket
- GPS (Global Position System) syncro

APPLY TO

- Airports intended for use at night and that can not be easily identified from the air by other means.

CERTIFICATIONS

- CE marking

COMPLIANCE

- FAA AC150/5345-12 lamp type L-801A

PART NUMBER

- L801A-LXS-230VAC
- L801A-LXS-24VDC

rev_
250205

AIRPORT BEACONS
MEDIUM INTENSITY L801A-LXS
TECHNICAL DRAWING

L801A
BEACON
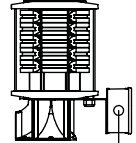
L801A BEACON POWER SUPPLY CABLE
11G1.5sqmm (BY OTHERS)
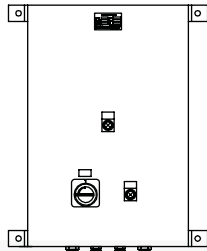
AWL CONTROL PANEL

INCOMING POWER SUPPLY CABLE
(BY OTHERS)

REMOTE ENABLE SIGNAL CABLE
(BY OTHERS)

FAULT SIGNALS CABLE
(BY OTHERS)

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

43

FAA AERONAUTICAL BEACONS

AIRPORT BEACONS
MEDIUM INTENSITY L801A-LXS
TECHNICAL DRAWING

RIGHT SIDE VIEW

344

299

CABLE BY LXS
C/W C.GLANDS ISO M25x1.5

LEFT SIDE VIEW

L8901A POWER SUPPLY CABLE
C/W C.GLAND ISO M25x1.5

FRONT VIEW

1ST LEVEL WHITE
2ND LEVEL WHITE
3RD LEVEL WHITE
4TH LEVEL WHITE
5TH LEVEL GREEN

BOX-L801A

TOP VIEW

215

FIXING DETAILS

⌀6.5
78
67.5
156

rev_
250205

AIRPORT BEACONS
MEDIUM INTENSITY L801A-LXS
TECHNICAL DRAWING

FRONT VIEW

445
400

SIDE VIEW

SEE LABEL DETAIL

03

600
560

01 02

INCOMING POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

BOTTOM VIEW

260
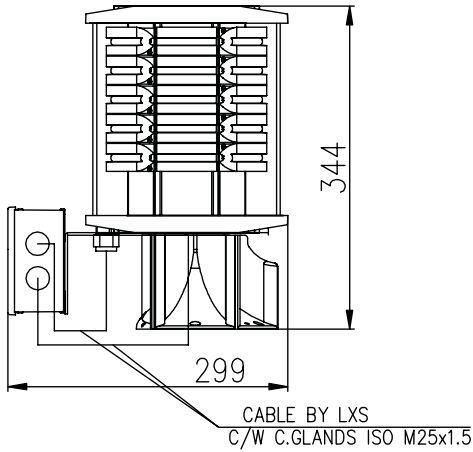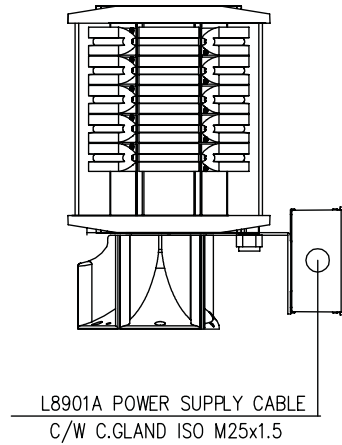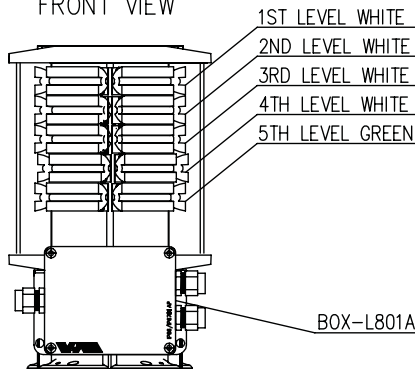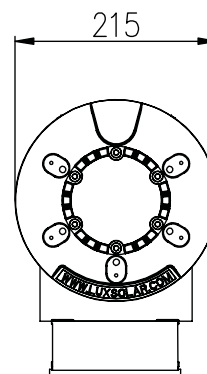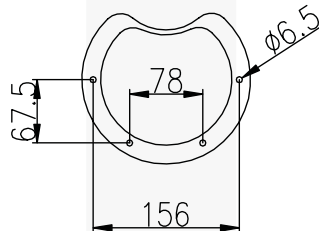
REMOTE ENABLE SIGNAL CABLE
C/W CABLE GLAND ISO M20x1.5

FAULT SIGNALS CABLE
C/W CABLE GLAND ISO M20x1.5

L801A POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

45
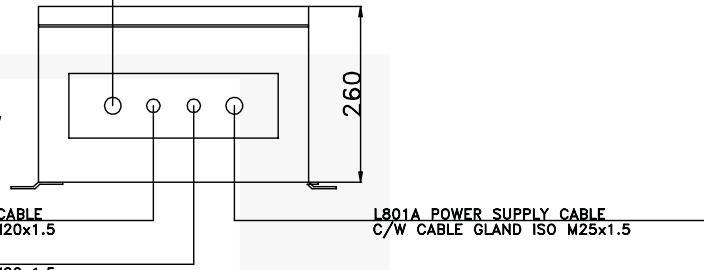
AIRPORT BEACONS
MEDIUM INTENSITY L802A-LXS

According to FAA AC150/5345-12, an L802A Aeronautical Beacons should be provided at airports intended for use at night.

L802A beacon shall be provided where the airport, due to the location or high background luminance, cannot be easily identified from the air by other identification means.

The device displays alternate white/green flashing light with 22-26 flashes per minute.

rev_
250205

FAA AERONAUTICAL BEACONS

AIRPORT BEACONS
MEDIUM INTENSITY L802A-LXS

Patented heat dissipator for optimum cooling

Borosilicate glass cover protection

Stabilised light output: 75.000cd

◄ Based on LED technology

Optimized optical lens

Spirit level

Anti-condensation Gore-Tex valve

Power connector
PLUG&PLAY: IP68/69k

Anodised aluminium body

Air-cooling system for +65% heat dissipation

**NOTE: ELECTRONIC BEACON
DRIVER IN A SEPARATE ENCLOSURE**

IP66

PATENTED

LUXSOLAR L802A-LXS Seaplane Aeronautical Aerodrome Beacon is compliant to FAA rule.

With high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR L802A-LXS product is the most up-to-dated and technologically advanced Aeronautical Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done easily).

CERTIFICATION

CE

COMPLIANCE

FAA

FEATURES

| alu AL | BOROSILICATE | -30°C +50°C | IP66 | ∞ ON | SELF extinguishing | GORA-TEX | LED SMD | WHITE CD 75000 | GREEN CD 11250 | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 3R LED PRODUCT |

TYPICAL APPLICATION

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

47

FAA AERONAUTICAL BEACONS

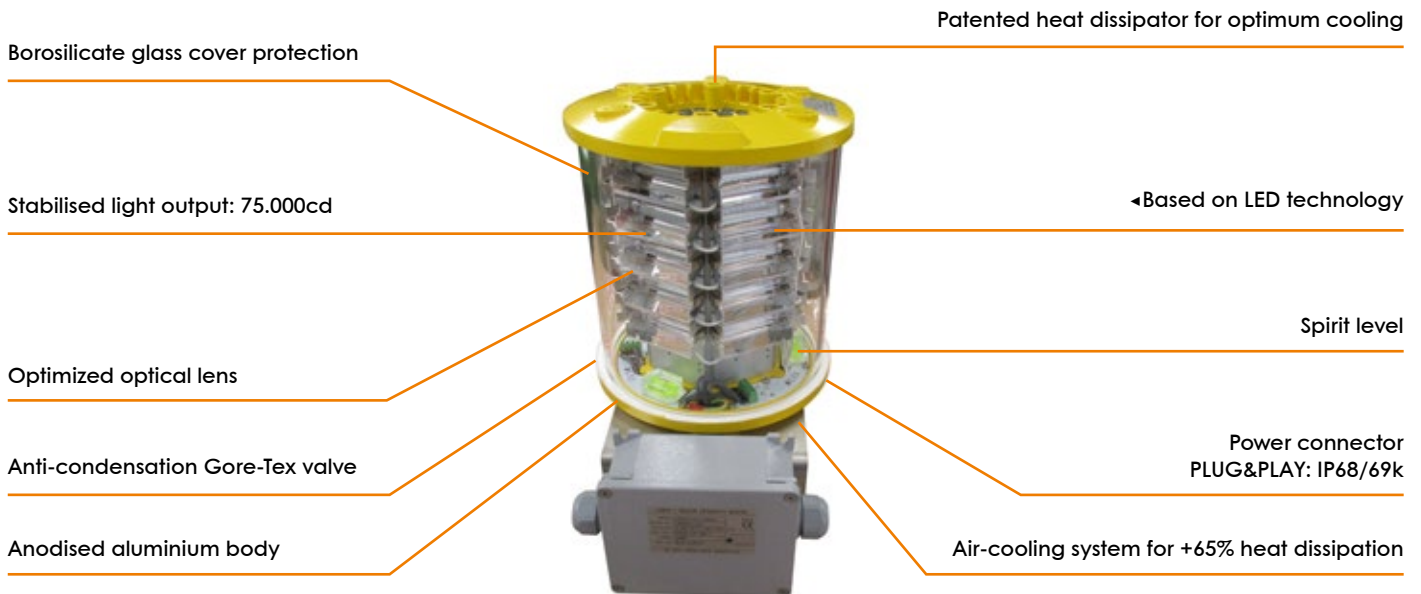## AIRPORT BEACONS
MEDIUM INTENSITY L802A-LXS
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- 75.000cd WHITE light / 11.250cd GREEN light - Flashing 22-26fpm
- Horizontal beam radiation 360°
- Vertical beam spread from -3° to +7°
- PMMA lens
- Light output alignment device

MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Degree of protection: IP66
- Anti-condensation Gore-Tex valve
- Operating temp.: -30°C to +50°C
- Lamp unit weight: 8kg approx.

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Overvoltage protection

ELECTRICAL FEATURES

- Power supply by LUXSOLAR controller box
- Suitable for 24Vdc or 115/230Vac power
- supply
- LED feeded at constant current
- No RF - Radiations

OPTIONS

- Beacon support bracket
- GPS (Global Position System) syncro

APPLY TO

- Airports intended for use at night and that can not be easily identified from the air by other means.

CERTIFICATIONS

- CE marking

COMPLIANCE

- FAA AC150/5345-12 lamp type L-802A
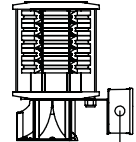
PART NUMBER

- L802A-LXS-230VAC
- L802A-LXS-24VDC

FAA AERONAUTICAL BEACONS

AIRPORT BEACONS
MEDIUM INTENSITY L802A-LXS
TECHNICAL DRAWING

L802A
BEACON

L801A BEACON POWER SUPPLY CABLE
11G1.5sqmm (BY OTHERS)
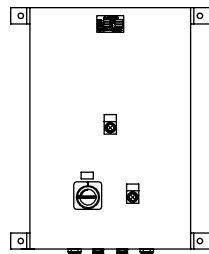
AWL CONTROL PANEL

INCOMING POWER SUPPLY CABLE
(BY OTHERS)

REMOTE ENABLE SIGNAL CABLE
(BY OTHERS)

FAULT SIGNALS CABLE
(BY OTHERS)

SEAPLANE AIRPORT LIGHT BEACON MEDIUM INTENSITY L801S-LXS

According to FAA AC150/5345-12, an L801S Seaplane Aeronautical Beacons should be provided at sea-based airports intended for use at night.

L801S Beacon shall be provided where the airport, due to the location or high background luminance, cannot be easily identified from the air by other identification means.

The device displays alternate white/yellow flashing light with 22-26 flashes per minute.

rev_
250205

SEAPLANE AIRPORT BEACON
MEDIUM INTENSITY L801S-LXS
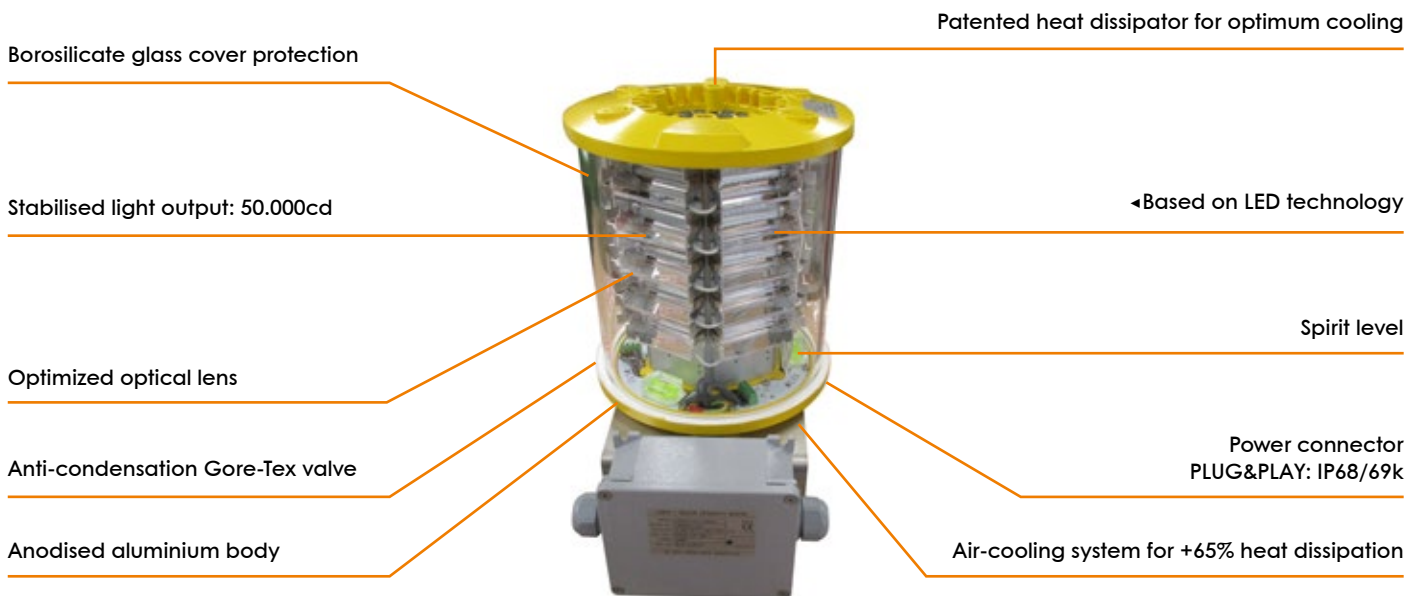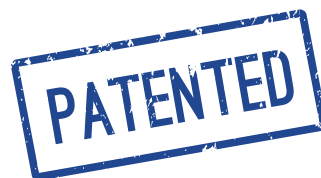
Patented heat dissipator for optimum cooling

Borosilicate glass cover protection

Stabilised light output: 50.000cd

◄ Based on LED technology

Optimized optical lens

Spirit level

Anti-condensation Gore-Tex valve

Power connector
PLUG&PLAY: IP68/69k

Anodised aluminium body

Air-cooling system for +65% heat dissipation

NOTE: ELECTRONIC BEACON DRIVER IN A SEPARATE ENCLOSURE

IP66

PATENTED

LUXSOLAR L801S-LXS Seaplane Aeronautical Aerodrome Beacon is compliant to FAA rule.

With high quality and ultra-bright LEDs, customized lenses and patented shape for optimum light emission and beacon cooling LUXSOLAR L801S-LXS product is the most up-to-dated and technologically advanced Aeronautical Beacon.

This LED device is designed to not contain any electronic component (that is available in a separate control local panel): a huge advantage in terms of increased life-time and suitability to all environments (beacons can stand extreme weather conditions) and in terms of an easy maintenance (in case of maintenance or periodic checks on electronic components, these can be done easily).

CERTIFICATION

C E

COMPLIANCE

FAA

FEATURES

| alu AL | BOROSILICATE | -30°C +50°C | IP66 | ∞ ON | SELF extinguishing | GORA-TEX | LED SMD | WHITE CD 75000 | GREEN CD 11250 | LED LIGHT DO NOT STARE INTO THE BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS CLASS 3R LED PRODUCT |

TYPICAL APPLICATION

rev_ 250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

51

FAA AERONAUTICAL BEACONS

SEAPLANE AIRPORT BEACON
MEDIUM INTENSITY L801S-LXS
TECHNICAL SPECIFICATIONS

OPTICAL FEATURES

- Based on LED technology
- 50.000cd WHITE light / 20.000cd YELLOW light - Flashing 22-26fpm
- Horizontal beam radiation 360°
- Vertical beam spread from -3° to +7°
- PMMA lens
- Light output alignment device

MECHANICAL FEATURES

- Anodised aluminium body, painted yellow
- Borosilicate glass cover protection
- Silicon rubber, VMQ
- Base wind collector and internal heat sink for optimum cooling
- Degree of protection: IP66
- Anti-condensation Gore-Tex valve
- Operating temp.: -30°C to +50°C
- Lamp unit weight: 8kg approx.

BOX MECHANICAL FEATURES

- Enclosure material: mild steel, painted RAL 7035
- Surge arrester
- Fault alarm
- Overvoltage protection

ELECTRICAL FEATURES

- Power supply by LUXSOLAR controller box
- Suitable for 24Vdc or 115/230Vac power
- supply
- LED feeded at constant current
- No RF - Radiations

OPTIONS

- Beacon support bracket
- GPS (Global Position System) syncro

APPLY TO

- Airports intended for use at night and that can not be easily identified from the air by other means.

CERTIFICATIONS
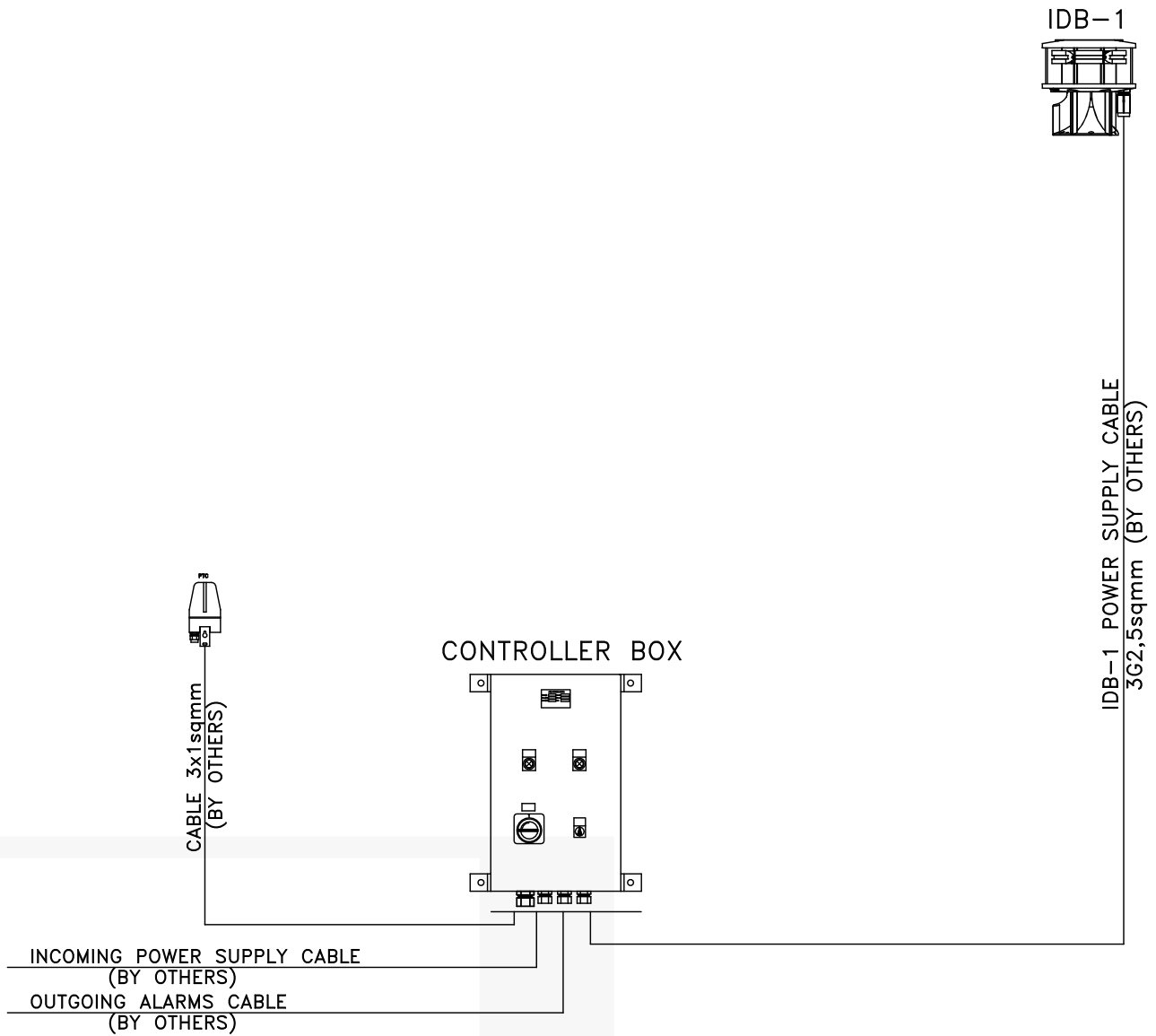
- CE marking

COMPLIANCE

- FAA AC150/5345-12 lamp type L-801S

PART NUMBER
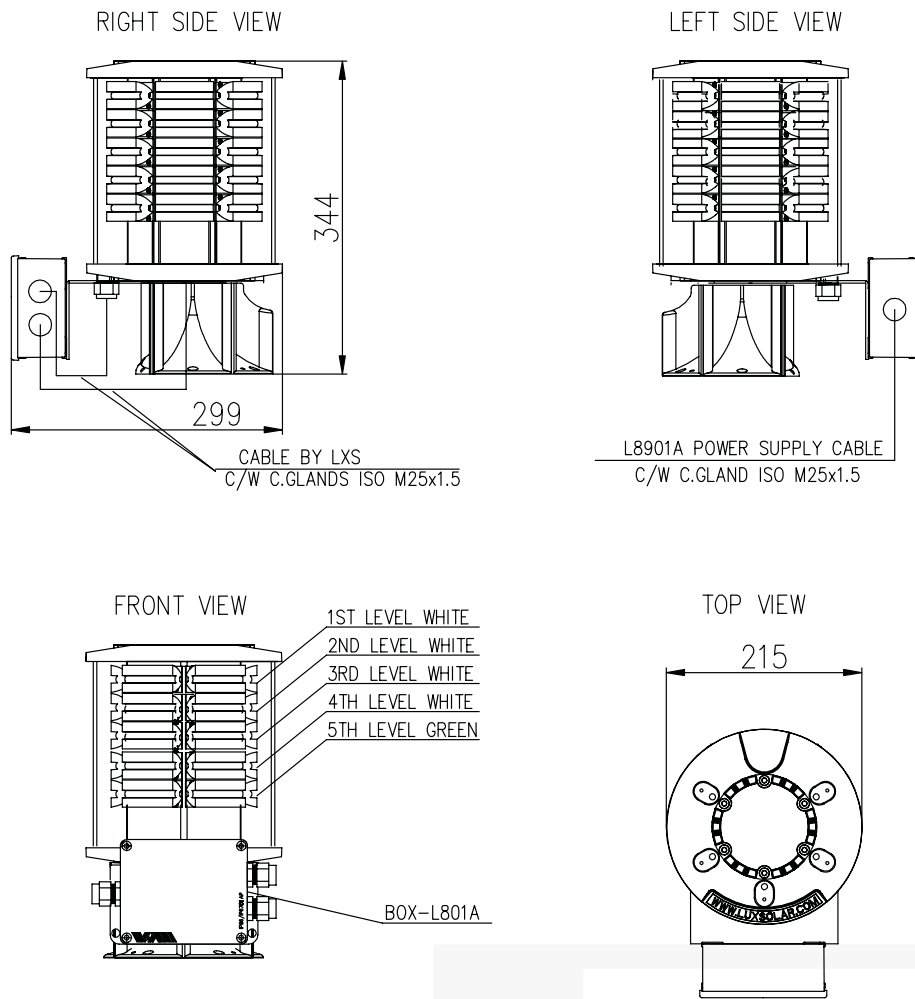
- L801S-LXS-230VAC
- L801S-LXS-24VDC

FAA AERONAUTICAL BEACONS

SEAPLANE AIRPORT BEACON
MEDIUM INTENSITY L801S-LXS
TECHNICAL DRAWING

IDB-1

IDB-1 POWER SUPPLY CABLE
3G2,5sqmm (BY OTHERS)

CONTROLLER BOX

CABLE 3x1sqmm
(BY OTHERS)

INCOMING POWER SUPPLY CABLE
(BY OTHERS)

OUTGOING ALARMS CABLE
(BY OTHERS)

rev_
250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926
Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

53

FAA AERONAUTICAL BEACONS

SEAPLANE AIRPORT BEACON
MEDIUM INTENSITY L801S-LXS
TECHNICAL DRAWING

RIGHT SIDE VIEW

344

299

CABLE BY LXS
C/W C.GLANDS ISO M25x1.5

LEFT SIDE VIEW

L8901A POWER SUPPLY CABLE
C/W C.GLAND ISO M25x1.5

FRONT VIEW

1ST LEVEL WHITE
2ND LEVEL WHITE
3RD LEVEL WHITE
4TH LEVEL WHITE
5TH LEVEL GREEN

BOX-L801A

TOP VIEW

215

FIXING DETAILS

ø6.5

78

67.5

156

rev_
250205

FAA AERONAUTICAL BEACONS

SEAPLANE AIRPORT BEACON
MEDIUM INTENSITY L801S-LXS
TECHNICAL DRAWING

FRONT VIEW

445
400

SEE LABEL DETAIL

600
560

03

01   02

SIDE VIEW

INCOMING POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

BOTTOM VIEW

260

REMOTE ENABLE SIGNAL CABLE
C/W CABLE GLAND ISO M20x1.5

L801A POWER SUPPLY CABLE
C/W CABLE GLAND ISO M25x1.5

FAULT SIGNALS CABLE
C/W CABLE GLAND ISO M20x1.5

NOTES

rev_
250205

rev_
250205

CONTACTS

CE2K S.r.l. - Luxsolar®

Phone: +39 0341-260926

E-mail: info@ce2k.com - lxs@luxsolar.com

Web sites: www.ce2k.com - www.luxsolar.com

- Linkedin: Luxsolar Italia

- YouTube: Luxsolar

rev_ 250205

lxs@luxsolar.com - www.luxsolar.com - Ph. +39.0341.260926

Drawings, photos and contents of this document are for informational purposes only and subject to change without any notice.

59

LXS®
LUXSOLAR®

www.luxsolar.com