



**Sustainable  
LED lighting fixtures  
for Offshore Wind**

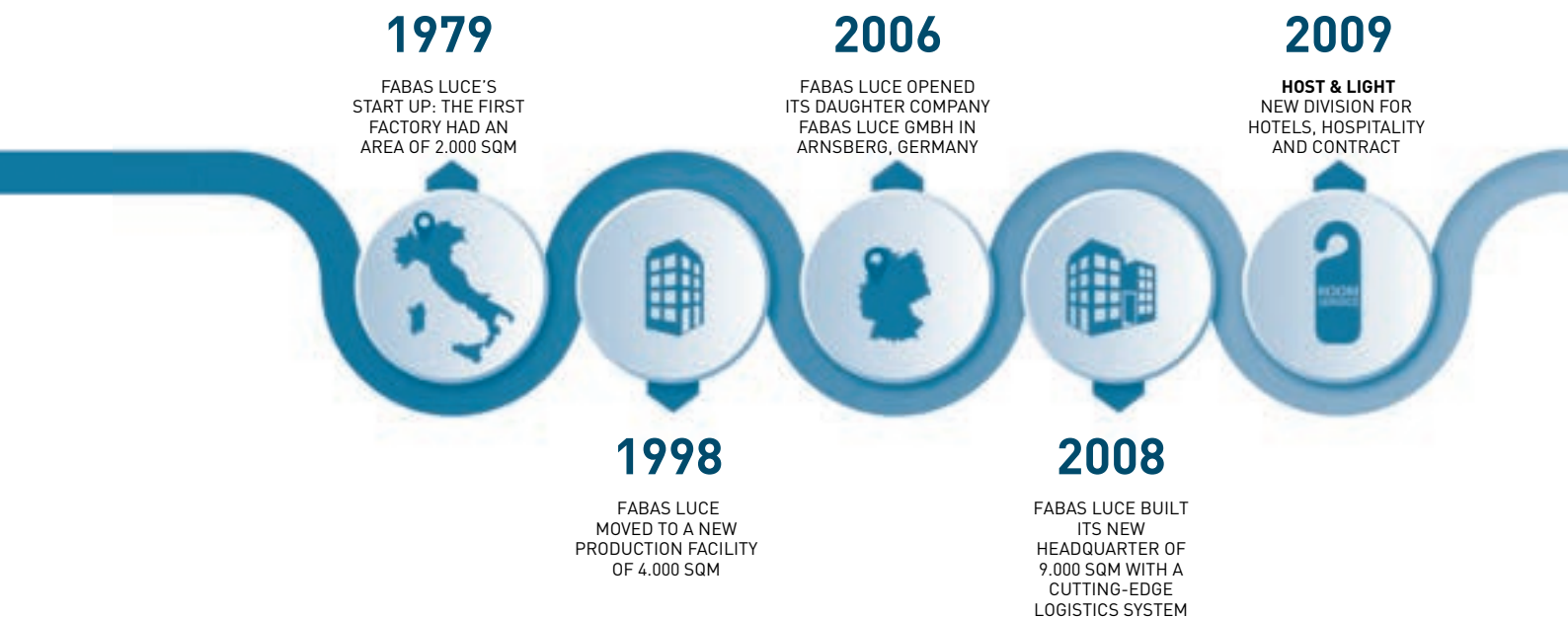
# MORE THAN FORTY FIVE YEARS OF LIGHT

A STORY THAT BEGAN OVER 45 YEARS AGO.

A STORY THAT SPANS GENERATIONS. A STORY OF  
TRADITION AND PASSION FOR WORK THAT STARTS  
EARLY IN THE MORNING AND ENDS LATE AT NIGHT.

A STORY OF CREATIVE GENIUS AND INNOVATION.

A STORY THAT ALSO INVOLVES OUR CUSTOMERS,  
SUPPLIERS AND ALL THE PEOPLE WHO HAVE  
CONTRIBUTED TO MAKING FABAS LUCE GROW.



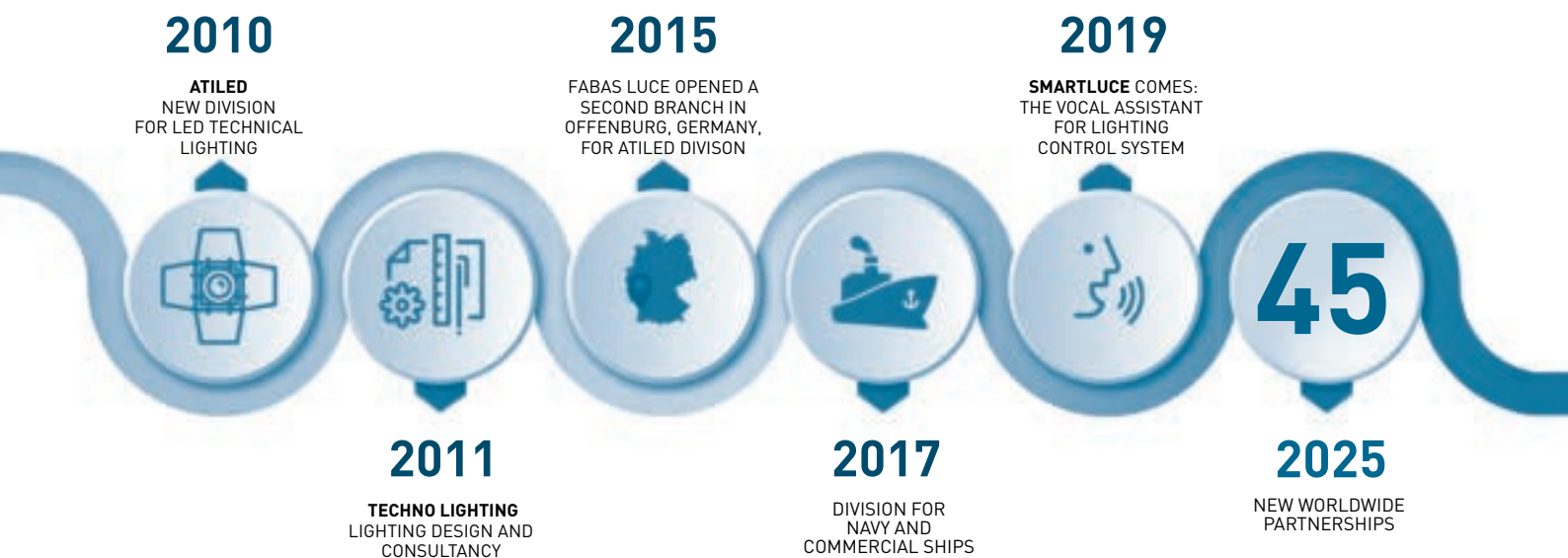
9.500 PALLETS OF  
ITEMS IN THE  
WAREHOUSE

9.000 SQ.M  
OF COVERED  
SURFACE AREA

620.000 ITEMS  
DELIVERED  
IN 2019

OLTRE 2.500 ITEMS MANAGED

50 COUNTRIES WHERE  
WE ARE PRESENT  
IN THE WORLD



# Typical applications

## Fixed and floating turbines

- Internal turbine
- Doorways
- Crew access
- Walkways, stairways and ladders
- Turbine identification board

## Substations and topsides

- Linears installed on handrails
- Floodlights for escape to sea
- Floodlight to illuminate the substation
- Identification plate and work and lay down areas
- Emergency lighting
- Indoor lighting



All our recommended products are marine-certified and quality-approved.



page 6



page 12



page 14



page 18



page 20



page 22



page 24



page 30



page 32



page 34



page 36



page 38



page 40



page 42



page 44



[www.naval.fabasluce.it](http://www.naval.fabasluce.it)

Refer to our website for updated LED lighting fixtures data sheets.

# TVE INDOOR

Multipurpose LED light fixture for Interior ship spaces, compact and powerful.  
Many variants already available for different tasks.



## Optic diffused beam

180°

## Diffuser anti glare opal polycarbonate

Flame rating V-0 (UL 94 test), UV resistant

## Color Rendering Index

CRI >85

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Through wiring with junction boxes on the fixture.

## Power factor

>0,9

## Insulation Class

Class 1

## IP Rate

66/67

## Housing

Made of marine grade copper free aluminum, inox bolts

## Fixing

Stainless steel brackets AISI 316L

## Net Weight

2,5 Kg

## Lifetime

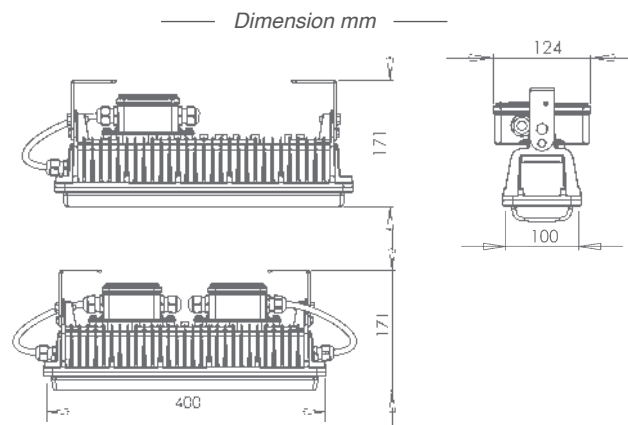
100.000 hours

## International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1

## Peculiar features

Many independent lights combinations in the same housing



| Operation Voltage      | Operating ambient temp. | Housing Color  | Control System                                             | Primary Light   |                      |
|------------------------|-------------------------|----------------|------------------------------------------------------------|-----------------|----------------------|
|                        |                         |                |                                                            | LED light color | Lumen                |
| 100/240V AC<br>50/60Hz | -25° / + 55°C           | White RAL 9010 | On/Off                                                     | 6.500K          | From 300<br>to 3.250 |
| 24V DC                 |                         | Grey RAL 7040  | On/Off light color selection rotatory<br>switch on fixture | 4000K           |                      |
|                        |                         | Blue RAL 5011  | Dim. 10-100 with potentiometer<br>on fixture               | 3000K           |                      |
|                        |                         |                | DALI Dim. 0-100 remote control                             | Red             |                      |
|                        |                         |                |                                                            | Blue            |                      |
|                        |                         |                |                                                            | Secondary light |                      |
|                        |                         |                |                                                            | LED light color | Lumen                |
|                        |                         |                |                                                            | 4000K           | From 40<br>to 600    |
|                        |                         |                |                                                            | Red             |                      |
|                        |                         |                |                                                            | Blue            |                      |



# TVE OUTDOOR

Multipurpose LED light fixture for Exterior ship spaces, compact and powerful  
Many variants already available for different tasks.



**Optic diffused beam**  
180°

**Diffuser anti glare opal polycarbonate**  
Flame rating V-0 (UL 94 test), UV resistant

**Color Rendering Index**  
CRI >85

**Photobiological risk group**  
RG0

**Driver**  
Inside the fixture.

**Wiring**  
Through wiring with junction boxes on the fixture.

**Power factor**  
>0,9

**Insulation Class**  
Class 1

**IP Rate**  
66/67

**Housing**  
Made of marine grade copper free aluminum, inox bolts

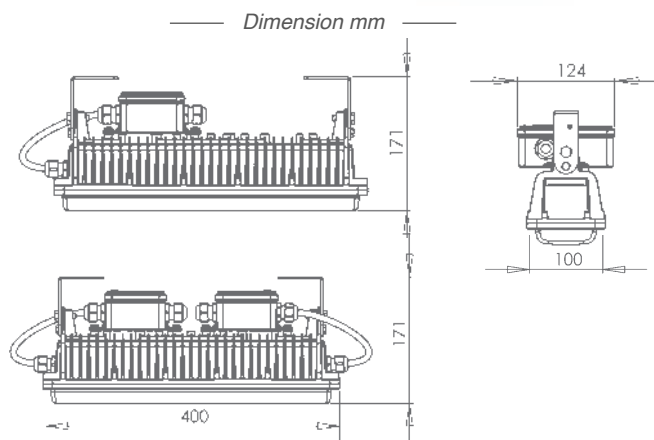
**Fixing**  
Stainless steel brackets AISI 316L

**Net Weight**  
2,5 Kg

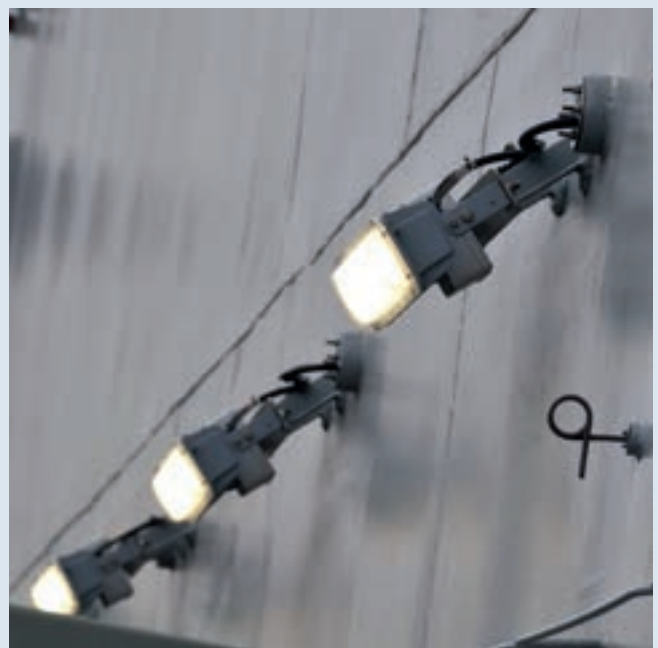
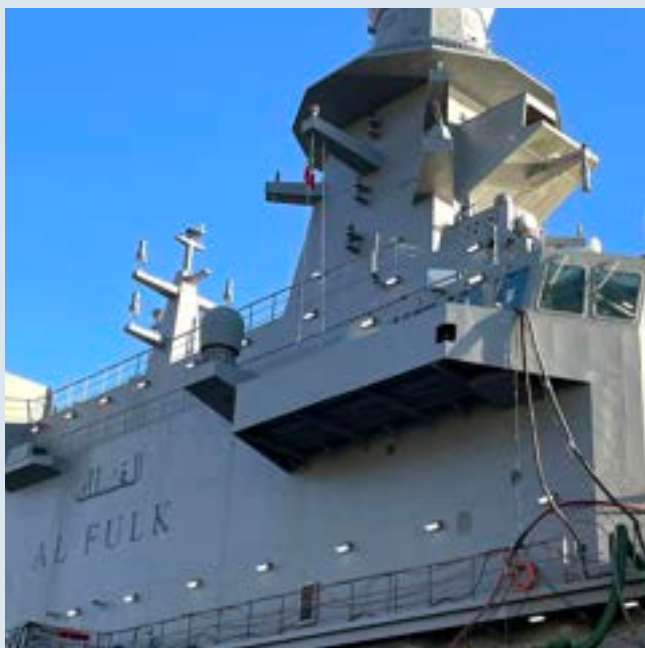
**Lifetime**  
100.000 hours

**International Standards, compliance where applicable**  
IEC 60092-306; IEC 60533; EN 60598-1

**Peculiar features**  
TVE for outside deck is equipped with anti-condensation valve for air recirculation



| Operation Voltage      | Operating ambient temp. | Housing Color  | Control System                                             | Primary Light                                |                      |
|------------------------|-------------------------|----------------|------------------------------------------------------------|----------------------------------------------|----------------------|
|                        |                         |                |                                                            | LED light color                              | Lumen                |
| 100/240V AC<br>50/60Hz | -25° / + 55°C           | White RAL 9010 | On/Off                                                     | 6.500K                                       | From 300<br>to 3.250 |
| 24V DC                 |                         | Grey RAL 7040  | On/Off light color selection rotatory<br>switch on fixture | 4000K                                        |                      |
|                        |                         | Blue RAL 5011  |                                                            | 3000K                                        |                      |
|                        |                         |                |                                                            | Dim. 10-100 with potentiometer<br>on fixture |                      |
|                        |                         |                | DALI Dim. 0-100 remote control                             | Blue                                         |                      |
|                        |                         |                |                                                            | Secondary light                              |                      |
|                        |                         |                |                                                            | LED light color                              | Lumen                |
|                        |                         |                |                                                            | 4000K                                        | From 40<br>to 600    |
|                        |                         |                |                                                            | Red                                          |                      |
|                        |                         |                |                                                            | Blue                                         |                      |



# TVE NVG

NVG COMPATIBLE LED light fixture for indoor and open decks  
 Compliant to "Stage 3 NVD compatible" of "NATO standard  
 MPP-02 for NVG Night Vision Goggles  
 NVD Night Vision Device  
 NVIS Night Vision Imaging System  
 Luminous flux direct from LED (no use of any filter)



## Optic diffused beam

180°

## Diffuser anti glare opal polycarbonate

Opal polycarbonate

## Color Rendering Index

CRI >85

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Through wiring with junction boxes on the fixture.

## Power factor

>0,9

## Insulation Class

Class 1

## IP Rate

66/67

## Housing

Orientable made of marine grade copper free aluminum, inox bolts

## Fixing

Stainless steel brackets AISI 316

## Net Weight

2,5 Kg

## Lifetime

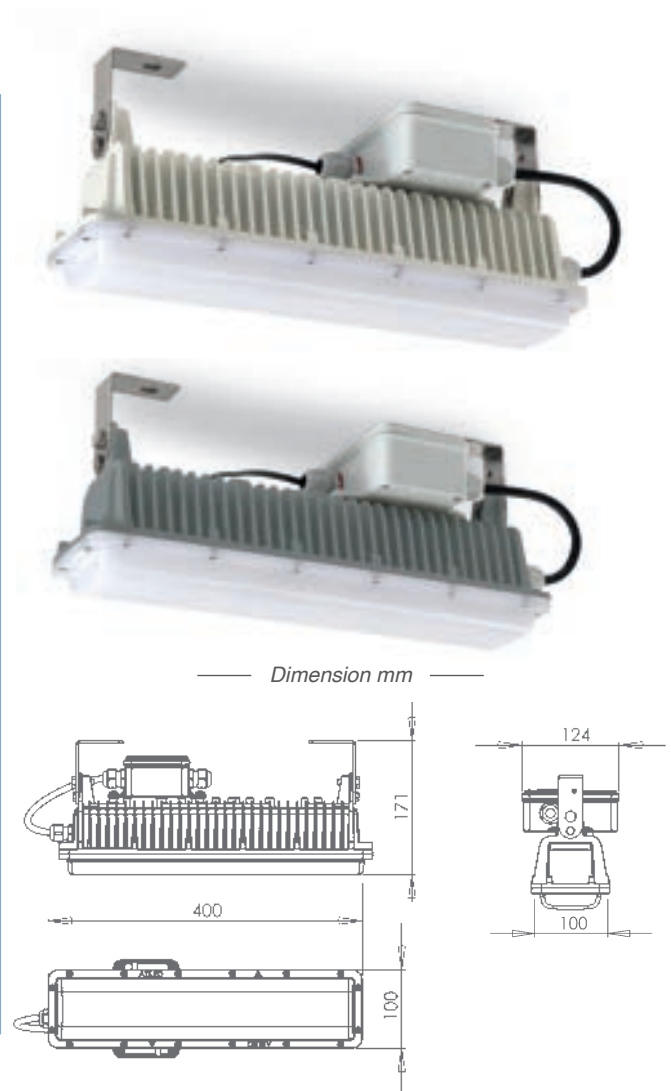
100.000 hours

## International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1

## Peculiar features

TVE for outside deck is equipped with anti-condensation valve for air recirculation



| Operation Voltage      | Operating ambient temp. | Housing Color  | Control System                     | Primary Light LED light color | Lumen                |
|------------------------|-------------------------|----------------|------------------------------------|-------------------------------|----------------------|
| 100/240V AC<br>50/60Hz | -25° / + 55°C           | White RAL 9010 | On/Off                             | Blue NVG                      | Min 220<br>Max 1.084 |
|                        |                         | Grey RAL 7040  | Dim. with potentiometer on fixture | Red NVG                       |                      |
|                        |                         | Blue RAL 5011  | DALI Dim. 0-100 remote controle    | White NVG                     |                      |
|                        |                         |                |                                    | Green NVG                     |                      |



## POWERFUL AND COMPACT GENERAL PURPOSE LED LIGHT FIXTURE

Suitable for high ceiling spaces, engine rooms and outside areas.



### Optic diffused beam

180°

### Diffuser anti glare opal polycarbonate

Opal polycarbonate

### Color Rendering Index

CRI >85

### Photobiological risk group

RG0

### Driver

Inside the fixture

### Wiring

Through wiring with junction boxes on the fixture.

### Power factor

>0,9

### Insulation Class

Class 1

### IP Rate

66/67

### Housing

Orientable made of marine grade copper free aluminum, inox bolts

### Fixing

Stainless steel brackets AISI 316

### Net Weight

2,5 Kg

### Lifetime

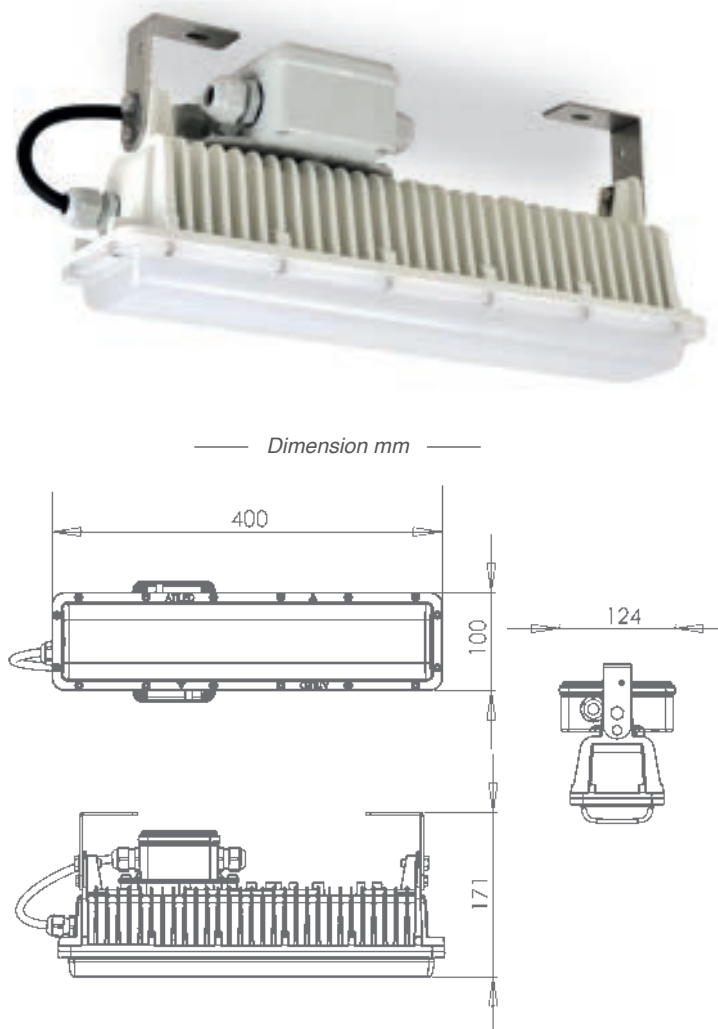
100.000 hours

### International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1

### Peculiar features

TGL for outside deck is equipped with anti-condensation valve for air recirculation



| Operation Voltage      | Operating ambient temp. | Housing Color  | Control System | Primary Light   |       |
|------------------------|-------------------------|----------------|----------------|-----------------|-------|
|                        |                         |                |                | LED light color | Lumen |
| 100/240V AC<br>50/60Hz | -25° / + 55°C           | White RAL 9010 | On/Off         | 4000K           | 5.400 |
|                        |                         | Grey RAL 7040  |                | 6500K           |       |



# STARFIX 600

COMPACT POWERFUL IP67 LED LIGHT FIXTURE  
INDOOR OUTDOOR AND OPEN DECKS

## Housing material

Pre-hot dip galvanized steel or stainless steel AISI 316L

## Optic diffused beam

180°

## Diffuser anti glare opal polycarbonate

Flame rating V-0 (UL 94 test), UV resistant

## Color Rendering Index

CRI 90 (min.) 92 (typ.)

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Through wiring.

## Power factor

>0,95

## Insulation Class

Class 1

## IP Rate

66/67

## Mounting

M8 treaded pin whit nut on preinstalled bushing all stainless steel AISI 316L

## Net Weight

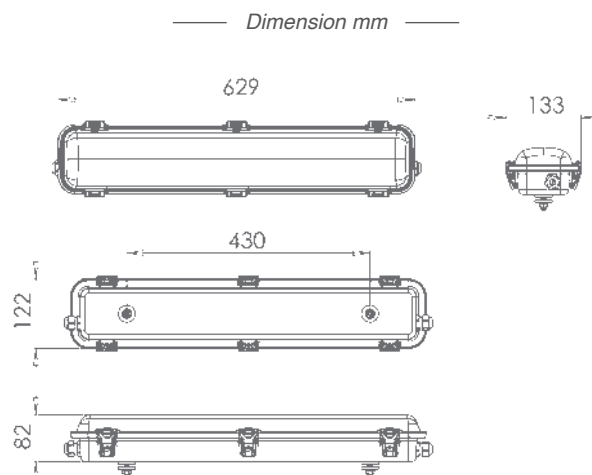
2,5 Kg

## Lifetime

100.000 hours

## International Standards, compliance where applicable

EN 60598-1; EN 60598-2-1; Lloyd's Register; 2020 + notice 2021; EN 62471 + TR62778; EN IEC 63000 2018



| Operation Voltage       | Operating ambient temp. | Housing Color  | Control System | Primary Light<br>LED light color | Lumen                   |
|-------------------------|-------------------------|----------------|----------------|----------------------------------|-------------------------|
| 120/277 V AC<br>50/60Hz | -25° / + 55°C           | White RAL 9016 | On/Off         | 4000K                            | Min 3.065<br>Max 12.730 |



# STARFIX 1200

COMPACT POWERFUL IP67 LED LIGHT FIXTURE  
INDOOR OUTDOOR AND OPEN DECKS

## Housing material

Pre-hot dip galvanized steel or stainless steel AISI 316L

## Optic diffused beam

180°

## Diffuser anti glare opal polycarbonate

Flame rating V-0 (UL 94 test), UV resistant

## Color Rendering Index

CRI 90 (min.) 92 (typ.)

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Through wiring.

## Power factor

>0,95

## Insulation Class

Class 1

## IP Rate

66/67

## Mounting

M8 threaded pin whit nut on preinstalled bushing all stainless steel AISI 316L

## Net Weight

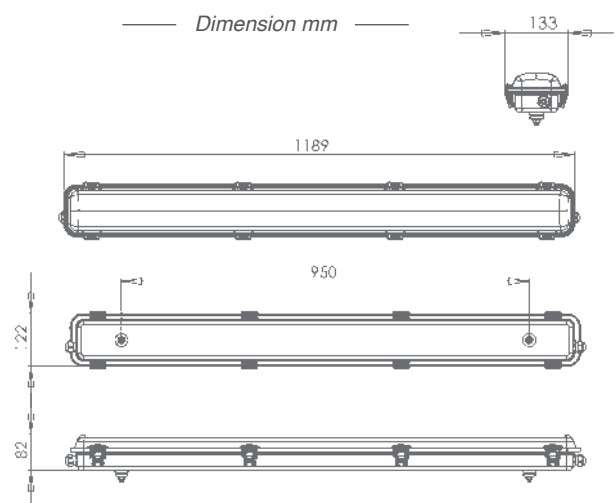
2,5 Kg

## Lifetime

100.000 hours

## International Standards, compliance where applicable

EN 60598-1; EN 60598-2-1; Lloyd's Register; 2020 + notice 2021;  
EN 62471 + TR62778; EN IEC 63000 2018



| Operation Voltage       | Operating ambient temp. | Housing Color  | Control System | Primary Light<br>LED light color | Lumen                   |
|-------------------------|-------------------------|----------------|----------------|----------------------------------|-------------------------|
| 120/277 V AC<br>50/60Hz | -25° / + 55°C           | White RAL 9016 | On/Off         | 4000K                            | Min 3.065<br>Max 12.730 |



# GALCOR

## LED LIGHT FIXTURE INOX USPHS COMPLIANT

Suitable for Galley, Cold Room, CBRN chemical, biological, radiological and nuclear decontamination stations



### Optic diffused beam

180°

### Diffuser anti glare opal polycarbonate

Flame rating V-0 (UL 94 test), UV resistant

### Photobiological risk group

RG0

### Color Rendering Index

CRI 85

### Driver

Inside on the fixture

### Wiring

Through wiring inside fixture

### Power factor

>0,9

### Insulation Class

Class 1

### IP rate

IP66 and IP67

### Housing

Stainless steel AISI 316L with anti-condensation valve for air recirculation

### Fixing

Counter ceiling with holes for 6 screws, perimeter sealed with silicone gasket

### Net Weight

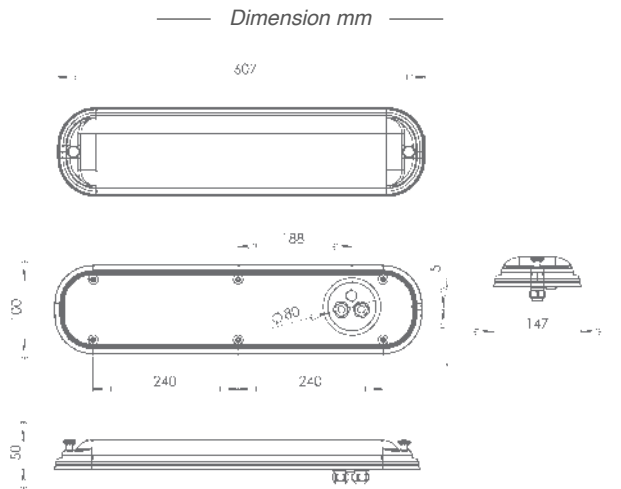
2 Kg

### Lifetime

100.000 hours

### International Standards

USPHS compliant



| Operation Voltage       | Operating ambient temp. | Housing Color | Control System | Primary Light   |                        |
|-------------------------|-------------------------|---------------|----------------|-----------------|------------------------|
|                         |                         |               |                | LED light color | Lumen                  |
| 100/240 V AC<br>50/60Hz | -43° / + 45°            | White Opal PC | On/Off         | 4000K           | Min 3.992<br>Max 6.375 |
|                         |                         |               |                | 3000K           |                        |
| 24V DC                  |                         |               |                | Red             |                        |



# TOR 50

## HIGH EFFICIENCY LED FLOOD LIGHT

Very compact and robust LED flood light  
One lens for each LED assure intense and precise light beam  
On request different housing color and light temperature color



### Optic

21° 45° 65°

### Diffuser

Clear polycarbonate

### Color Rendering Index

CRI >70

### Driver

Inside on the fixture

### Wiring

Through wiring junction box in the fixture back side

### Power factor

>0,9

### Insulation Class

Class 1

### IP rate

66/67

### Housing

Orientable made of marine grade copper free aluminum, inox bolts, with anti-condensation valve for air recirculation

### Fixing

Stainless steel brackets AISI 316

### Net Weight

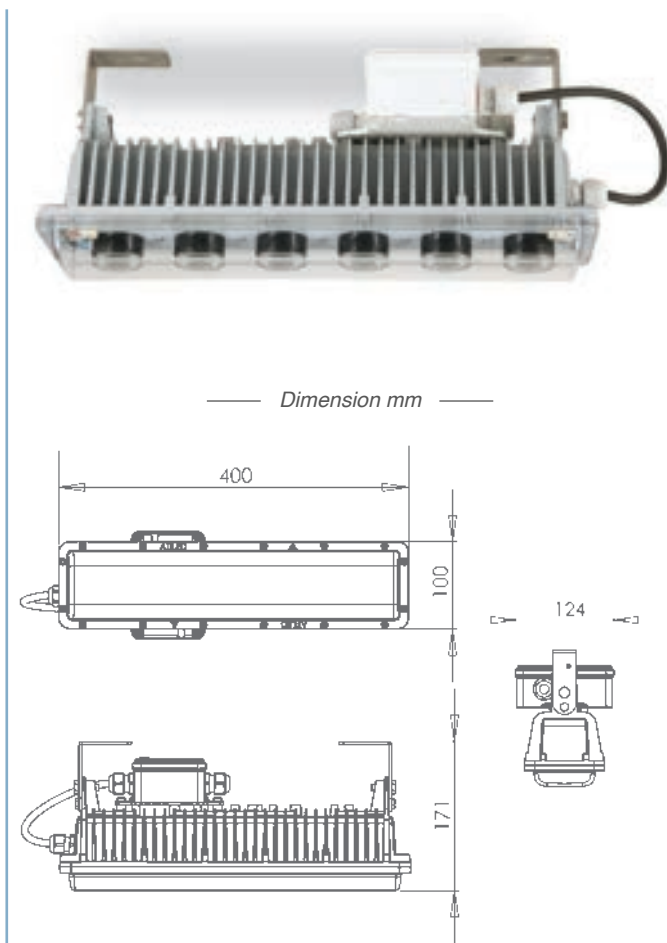
2,6 Kg

### Lifetime

100.000 hours

### International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1



| Operation Voltage      | Operating ambient temp. | Housing Color  | Control System | Primary Light   |                     |
|------------------------|-------------------------|----------------|----------------|-----------------|---------------------|
|                        |                         |                |                | LED light color | Lumen               |
| 100/240V AC<br>50/60Hz | -40° / + 55°C           | White RAL 9016 | On/Off         | 4000K           | Min 52<br>Max 6.500 |
|                        |                         | Grey RAL 7040  |                | Red             |                     |



# TON 100-160

## HIGH EFFICIENCY LED FLOODLIGHT

Powerful, precise and robust LED flood light

Compact and low weight housing

One lens for each LED assure intense and precise light beam

On request different housing color and light temperature color



### Optic

26° 54° 90°

### Diffuser

Clear tempered glass

### Color Rendering Index

CRI >70

### Driver

With electronic power supply on the fixture

### Wiring

Power line connection with junction box or IP68 connector

### Power factor

>0,9

### Insulation Class

Class 1

### IP rate

66/67

### Working ambient temperatures

Equipped with active control of external ambient temperature

### Housing

Orientable made of marine grade copper free aluminum grey, inox bolts, with anti-condensation valve for air recirculation

### Fixing

Orientable stainless steel brackets AISI 316

### Net Weight

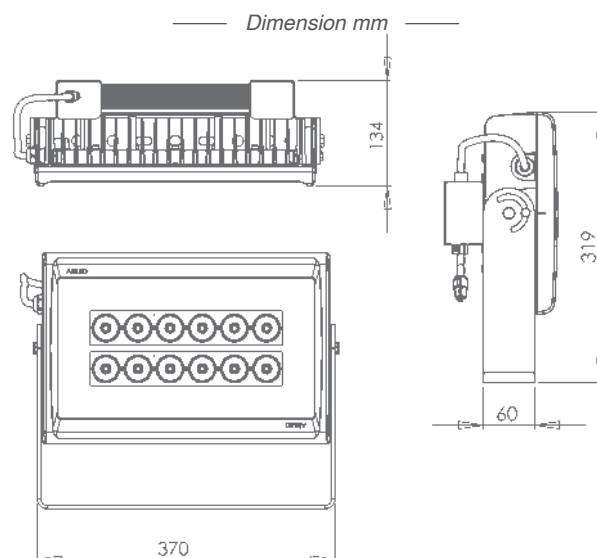
8,5 Kg

### Lifetime

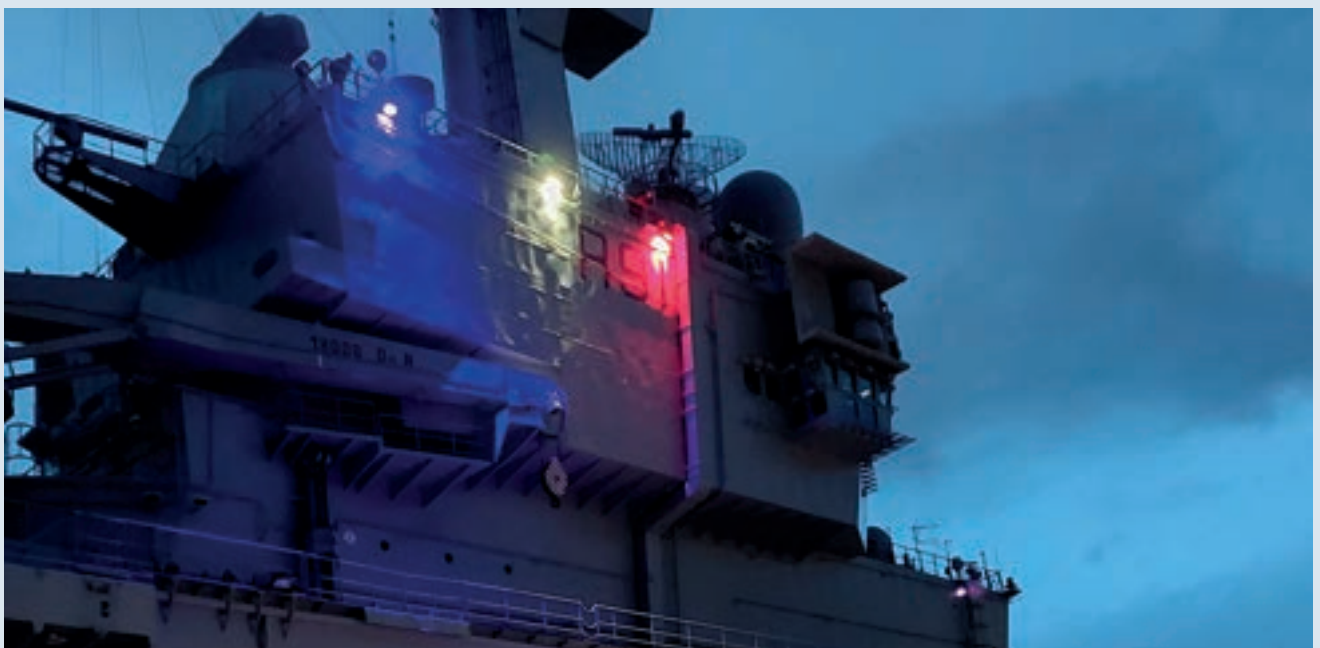
100.000 hours

### International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1



| Operation Voltage      | Operating ambient temp. | Housing Color                   | Control System | Primary Light   |                         |
|------------------------|-------------------------|---------------------------------|----------------|-----------------|-------------------------|
| 100/240V AC<br>50/60Hz | -40° / + 55°C           | White RAL 9016<br>Grey RAL 7040 | On/Off         | LED light color | Lumen                   |
|                        |                         |                                 |                | 5700K           | Min 6.250<br>Max 18.216 |
|                        |                         |                                 |                | 4000K           |                         |
|                        |                         |                                 |                | 3000K           |                         |
|                        |                         |                                 |                | Red             |                         |
|                        |                         |                                 |                | Green           |                         |
|                        |                         |                                 |                | Blue            |                         |



# PEX

Compact EX explosion proof LED light fixture  
for Gases and Dusts hazardous areas - indoor  
and open decks



## Optic diffused beam

120°

## Diffuser

High thickness borosilicate glass

## Color Rendering Index

CRI >85

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Two cable glands for Through wiring connections

## Power factor

>0,9

## Insulation Class

Class 1

## IP Rate

66

## Housing

Made of marine grade copper free aluminum, inox bolts

## Fixing

Aluminum brackets

## Net Weight

8 Kg

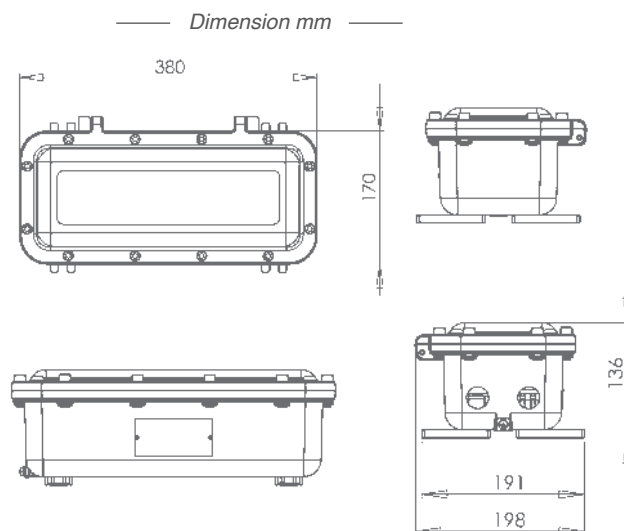
## Lifetime

100.000 hours

## International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1

CE INERIS 15 ATEX 0024X



| Operation Voltage      | Operating ambient temp. | Housing Color  | Control System                                 | Primary Light<br>LED light color | Lumen             |
|------------------------|-------------------------|----------------|------------------------------------------------|----------------------------------|-------------------|
| 100/240V AC<br>50/60Hz | -40° / + 55°C           | White RAL 9010 | On/Off                                         | 4000K                            | Min 52 - Max 3000 |
| 24 VDC                 |                         | Grey RAL 7040  | DALI Dim. 0-100 remote controle                | Red                              |                   |
|                        |                         |                | Dim. 10-100 with potenziom.<br>on external box | Blu                              |                   |



# PEX DOUBLE LIGHTS

Two independent LED lights in the same compact EX explosion proof LED light fixture for Gases and Dusts hazardous areas - indoor and open decks



## Optic diffused beam

120°

## Diffuser anti glare opal polycarbonate

High thickness borosilicate glass

## Color Rendering Index

CRI >85

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Four cable glands for Through wiring connections

## Power factor

>0,9

## Insulation Class

Class 1

## IP Rate

66

## Housing

Made of marine grade copper free aluminum, inox bolts

## Fixing

Aluminum brackets

## Net Weight

8 Kg

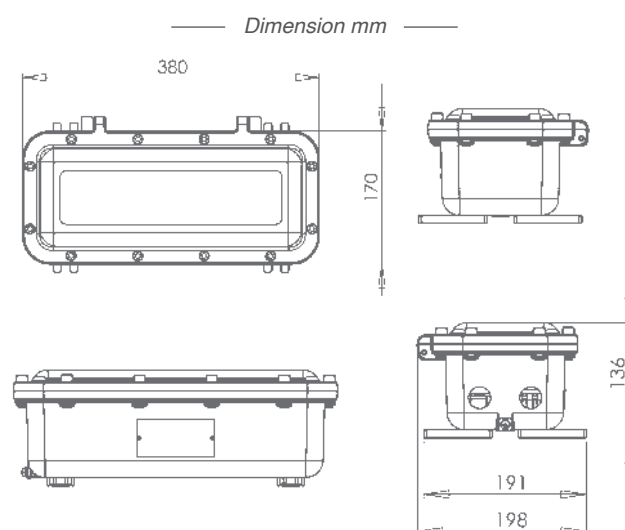
## Lifetime

100.000 hours

## International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1

CE INERIS 15 ATEX 0024X



| Operation Voltage | Operating ambient temp. | Housing Color  | Control System | Primary Light   |                   |                   |
|-------------------|-------------------------|----------------|----------------|-----------------|-------------------|-------------------|
|                   |                         |                |                | LED light color | Lumen             |                   |
|                   |                         | White RAL 9010 |                | On/Off          | 4000K             | Min 52 - Max 3000 |
|                   |                         | Grey RAL 7040  |                |                 |                   |                   |
|                   |                         |                |                | Secondary Light |                   |                   |
|                   |                         |                |                | LED light color | Lumen             |                   |
|                   |                         |                |                | 4000K           | Min 52 - Max 3000 |                   |
|                   |                         |                |                | Red             |                   |                   |



# PEX NVG

EX explosion proof NVG COMPATIBLE LED light fixture for Gases and Dusts hazardous areas - indoor and open decks

Compliant to "Stage 3 NVD compatible" of "NATO standard MPP-02 for NVG Night Vision Goggles

NVD Night Vision Device

NVIS Night Vision Imaging System

Luminous flux direct from LED (no use of any filter)



## Optic diffused beam

120°

## Diffuser

High thickness borosilicate glass

## Color Rendering Index

CRI >85

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Two cable glands for Through wiring connections

## Power factor

>0,9

## Insulation Class

Class 1

## IP Rate

66

## Housing

Made of marine grade copper free aluminum, inox bolts

## Fixing

Aluminum brackets

## Net Weight

8 Kg

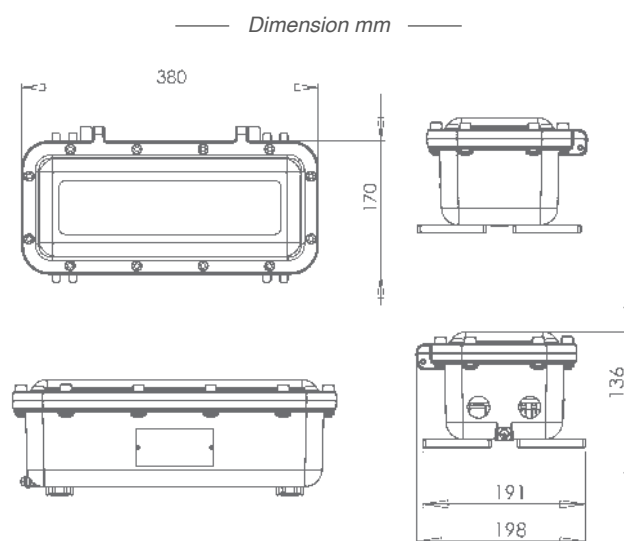
## Lifetime

100.000 hours

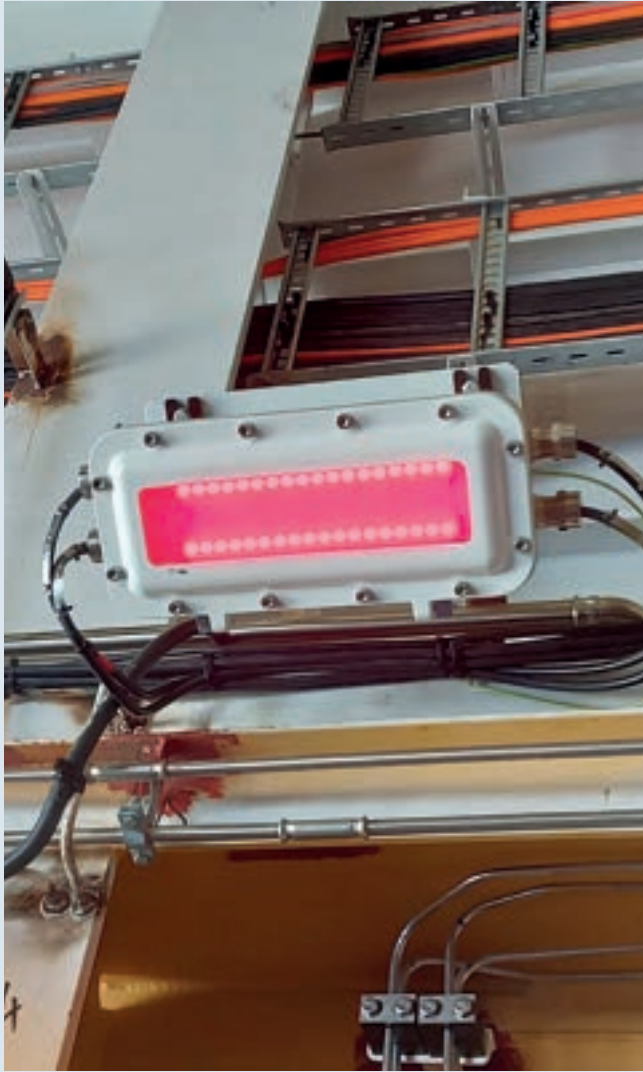
## International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1

CE INERIS 15 ATEX 0024X



| Operation Voltage      | Operating ambient temp. | Housing Color                   | Control System                            | Primary Light   |                   |
|------------------------|-------------------------|---------------------------------|-------------------------------------------|-----------------|-------------------|
|                        |                         |                                 |                                           | LED light color | Lumen             |
| 100/240V AC<br>50/60Hz | -40° / + 55°C           | White RAL 9010<br>Gray RAL 7040 | DALI Dim. 0-100 remote controle<br>On/Off | Red NVG         | Min 52 - Max 1454 |
|                        |                         |                                 |                                           | White NVG       |                   |
|                        |                         |                                 |                                           | Green NVG       |                   |
|                        |                         |                                 |                                           | Blue NVG        |                   |



# GEX

Powerful EX explosion proof LED light fixture  
for Gases and Dusts hazardous areas  
indoor and open decks



## Optic diffused beam

180°

## Diffuser

High thickness borosilicate glass

## Color Rendering Index

CRI >85

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Wiring

Two cable glands for Through wiring connections

## Power factor

>0,9

## Insulation Class

Class 1

## IP Rate

66

## Housing

Made of marine grade copper free aluminum, inox bolts

## Fixing

Stainless steel brackets AISI 316L

## Net Weight

8 Kg

## Lifetime

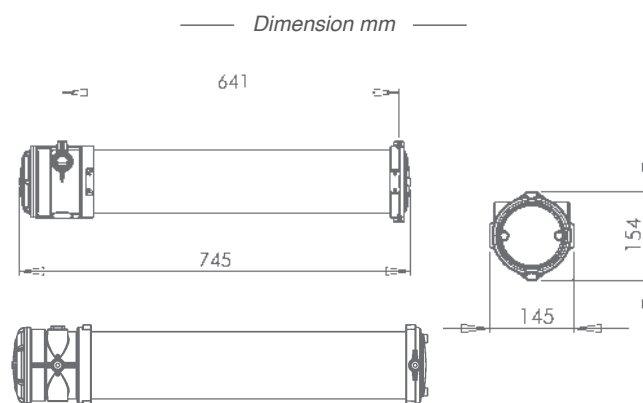
100.000 hours

## International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1

## EX certificate

CE INERIS 12 ATEX 0023X



| Operation Voltage      | Operating ambient temp. | Housing Color  | Control System | Primary Light   |       |
|------------------------|-------------------------|----------------|----------------|-----------------|-------|
|                        |                         |                |                | LED light color | Lumen |
| 100/240V AC<br>50/60Hz | -25° / + 55°C           | White RAL 9010 | On/Off         | 4000K           | 5.000 |



# PSAR

## RECESSED ROUND LED LIGHT FIXTURE

Suitable for offices, wardroom, messroom, bathrooms

Light colors available in white warm or natural, Red, Blue, Green



### Optic diffused beam

180°

### Diffuser

Opal polycarbonate

### Color Rendering Index

CRI >80

### Photobiological risk group

RG0

### Power factor

>0,5

### Electric power input

Power supply to be installed outside fixture

### Insulation Class

Class II

### IP Rate

44

### Housing

Aluminum.

### Fixing

With 3 screws and / or springs

### Net Weight

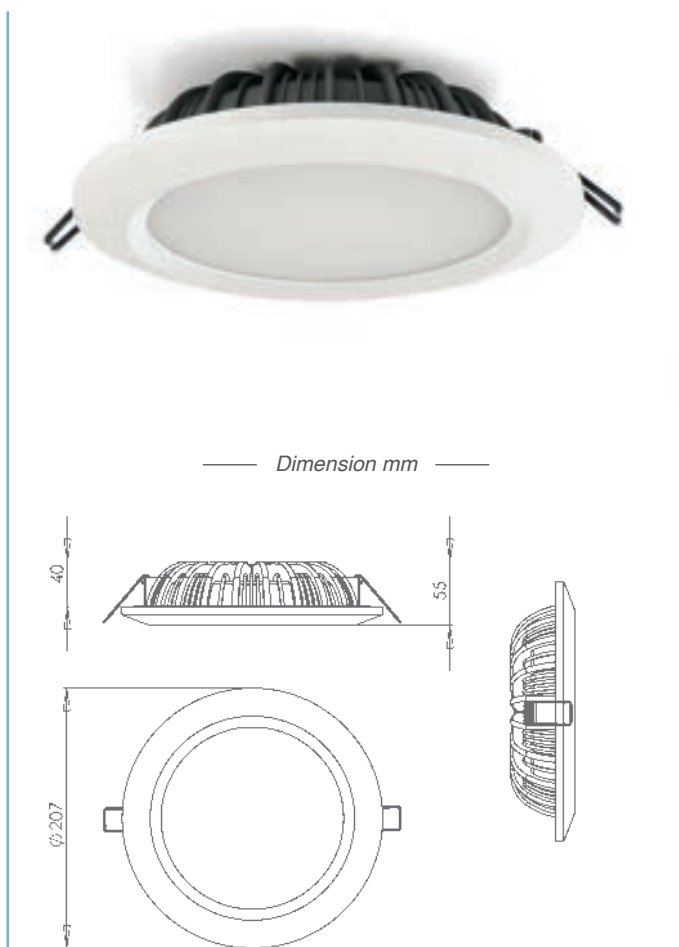
0,7 Kg

### Lifetime

100.000 hours

### International Standard

EN 60598-1



| Operation Voltage      | Operating ambient temp. | Housing Color          | Control System                              | Primary Light   |                     |
|------------------------|-------------------------|------------------------|---------------------------------------------|-----------------|---------------------|
|                        |                         |                        |                                             | LED light color | Lumen               |
| 100/240V AC<br>50/60Hz | -40° / + 55°C           | White<br>Blue RAL 5011 | On/Off<br>DALI e Dim. 0-100 remote controle | 4000K           | Min 52<br>Max 2.780 |
|                        |                         |                        |                                             | 3000K           |                     |
|                        |                         |                        |                                             | Red             |                     |
|                        |                         |                        |                                             | Blue            |                     |



# EBLAN

## EMERGENCY LED BATTLE LANTERN FULLY MICROPROCESSOR DRIVEN PORTABLE AND FLOATING IP67 WITH RECHARGEABLE BATTERY

Two LEDS wide or narrow beam, high or low intensity white light that in case of blackout last for 10 hours



### Color Rendering Index CRI

85

### Lifetime Light at reduced luminous flux

4,5 Hours

### Lifetime Light at luminous flux 250 lumen

10 Hours

### Battery sealed pack with active temperature monitoring and control

Nickel Metal Hydride

### Battery charging time from low to max level hours

8

### Battery stand by duration without power connection hours

4 / 8 weeks

### Low safe recharging power voltage V

< 20

### Insulation Class

Class III

### IP Rate

67

### Working ambient temperatures

-20 / +55 °C

### Net Weight

1 Kg

### Lantern wall mounting bracket with power unit box

### Driver

100 / 240 V AC 50 / 60 Hz

### Insulation Class

Class 1

### Working ambient temperatures

-20 / +55 °C

### IP rate

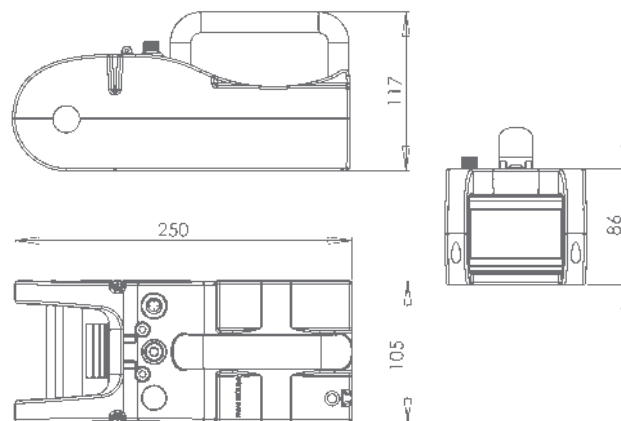
67

### Net Weight

1 Kg



Dimension mm



| Operation Voltage       | Operating ambient temp. | Housing Color | Control System | Primary Light   |         |
|-------------------------|-------------------------|---------------|----------------|-----------------|---------|
| 100/240 V AC<br>50/60Hz | -20° / + 55°C           | Red           | On/Off         | LED light color | Lumen   |
|                         |                         |               |                | 5700K           | Max 396 |
|                         |                         |               |                | Red             |         |
| 24V DC                  |                         |               |                | Green           |         |



# GLO

LED globe white or colored light indoor and open decks  
Models: normal or EX explosion proof for Gases  
and Dusts hazardous areas



**Optic diffused beam**  
360°

**Diffuser**  
High thickness borosilicate glass

**Color Rendering Index**  
CRI >85

**Photobiological risk group**  
RG0

**Driver**  
Inside the fixture

**Wiring**  
Two cable glands for Through wiring connections

**Power factor**  
>0,9

**Insulation Class**  
Class 1

**IP rate**  
66

**Fixing**  
Wall or ceiling bracket inox AISI 316 L

**Housing**  
Die-cast marine grade copper free aluminum

**Net Weight**  
3 Kg

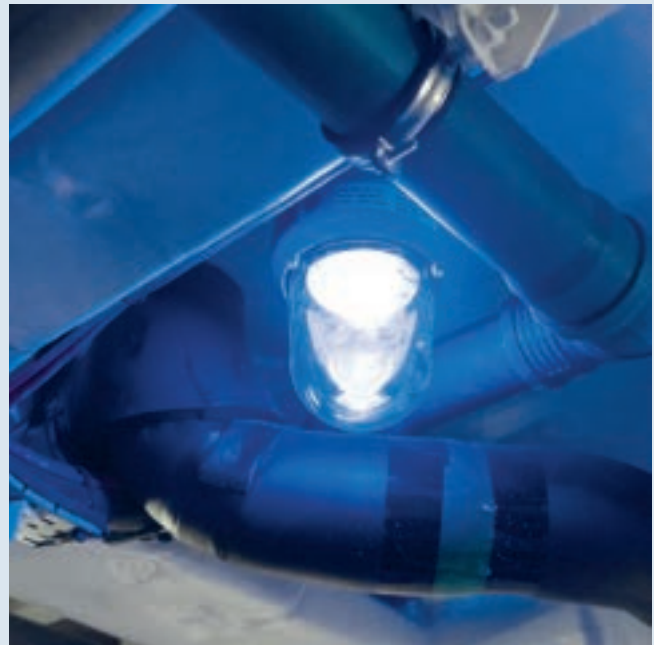
**Lifetime**  
100.000 hours

**International Standars**  
IEC 60092-306; IEC 60533; EN 60598-1

**EX certificate where applicable**  
CE INERIS 01 ATEX 0054X



| Operation Voltage      | Operating ambient temp. | Housing Color | Control System | Primary Light   |                   |
|------------------------|-------------------------|---------------|----------------|-----------------|-------------------|
|                        |                         |               |                | LED light color | Lumen             |
| 100/240V AC<br>50/60Hz | -25° / + 55°C           | Grey RAL 7040 | On/Off         | 4000K           | Min 52<br>Max 820 |
|                        |                         |               |                | Red             |                   |
|                        |                         |               |                | Green           |                   |
|                        |                         |               |                | Blue            |                   |
|                        |                         |               |                | Orange          |                   |



# SKOS

HOSPITAL AREAS, SURGERY ROOMS

## Optic diffused beam

Prismatic diffuser 180° - UGR <19

## Diffuser anti glare opal polycarbonate

Flame rating V-0 (UL 94 test), UV resistant

## Color Rendering Index

CRI 90

## Photobiological risk group

RG0

## Driver

Inside the fixture.

## Power factor

>0,9

## Insulation Class

Class 1

## IP Rate

65 - Front and rear

## Housing

Metal frame - White RAL 9003

## Net Weight

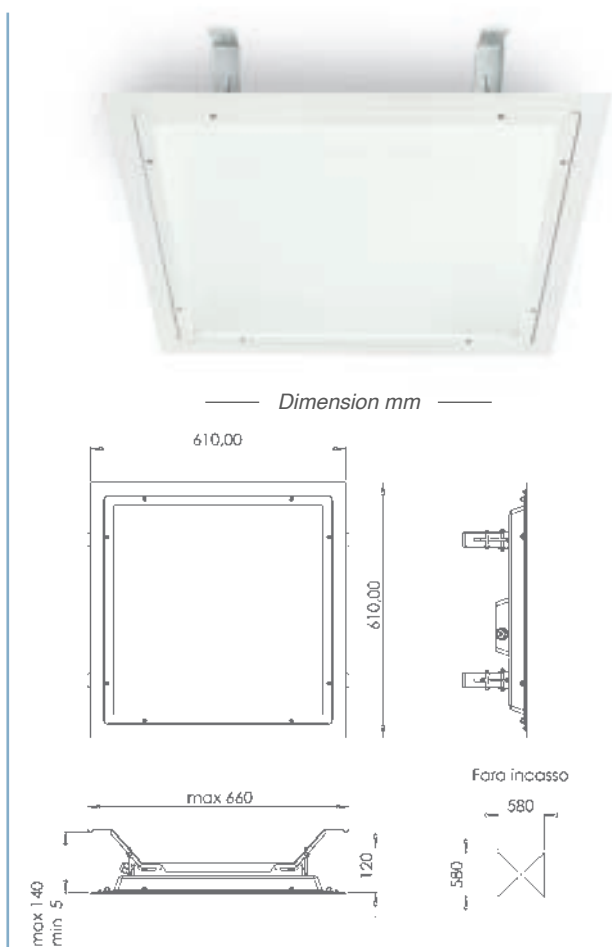
7 Kg

## Lifetime

100.000 hours

## International Standards, compliance where applicable

IEC 60092-306; IEC 60533; EN 60598-1



| Operation Voltage       | Operating ambient temp. | Housing Color  | Control System | Primary Light LED light color | Lumen                  |
|-------------------------|-------------------------|----------------|----------------|-------------------------------|------------------------|
| 220/240 V AC<br>50/60Hz | -20° / + 55°C           | White RAL 9003 | On/Off<br>DALI | 4000K                         | Min 4.222<br>Max 5.861 |





**Optic diffused beam**  
120°

**Diffuser**  
Opal polycarbonate

**Color Rendering Index**  
CRI >85

**Photobiological risk group**  
RG0

**Electric power input**  
Not included external electronic power supply

**Wiring**  
3 m cable line included

**Power factor**  
>0,9

**Insulation Class**  
Class III

**IP rate**  
67/67

**Housing**  
Anodized aluminum

**Fixing**  
Stainless steel brackets AISI 316L

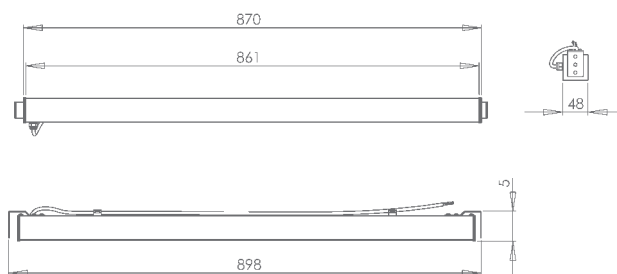
**Weight, electric cable included**  
2,5 Kg

**Lifetime**  
100.000 hours

**International Standards**  
IEC 60092-306; IEC 60533; EN 60598-1



Dimension mm



| Operation Voltage | Operating ambient temp. | Housing Color | Control System | Primary Light<br>LED light color | Lumen   |
|-------------------|-------------------------|---------------|----------------|----------------------------------|---------|
| 24V DC            | -25° / + 55°C           | Grey RAL 7040 | On/Off         | 4000K                            | 2970 lm |



# CTL

## BERTH LIGHTS

Recessed led fixture with integrated on/off touch dimmable control

### Optic diffused beam

180°

### Diffuser

Opal polycarbonate

### Color Rendering Index

CRI >85

### Photobiological risk group

RG0

### Electric power input

Not included external electronic power supply

### Wiring

0,7m cable line included

### Power factor

>0,9

### Insulation Class

Class III

### IP rate

20

### Housing

Anodized aluminum, grey natural color

### Fixing

two inox springs

### Weight, electric cable included

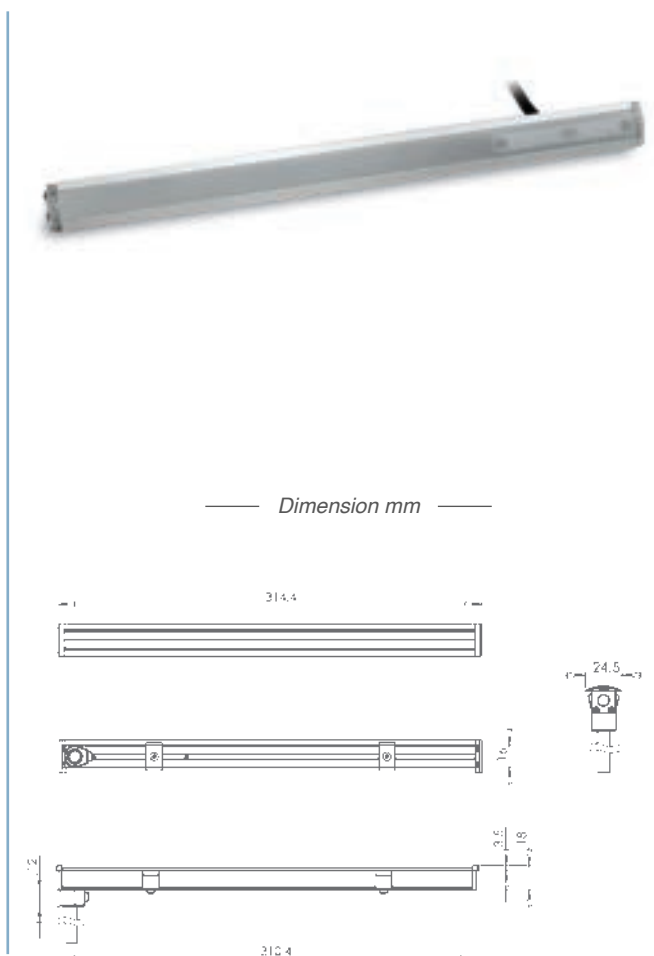
0,4 Kg

### Lifetime

> 50.000

### International Standards

EN 60598-1



| Operation Voltage | Operating ambient temp. | Housing Color      | Control System         | Primary Light   |            |
|-------------------|-------------------------|--------------------|------------------------|-----------------|------------|
|                   |                         |                    |                        | LED light color | Lumen      |
| 24V DC            | -25° / + 45°C           | Anodized aluminium | Touch Dimmer<br>On/Off | 3000K           | Max 630 lm |



# CLS

## WRITING / READING CABINET TABLE LIGHTS

Recessed led fixture to be installed in “technical bar” over the cabinet table

Fixture lenght can be customized

### Optic diffused beam

180°

### Diffuser

Opal polycarbonate

### Color Rendering Index

CRI >85

### Photobiological risk group

RG0

### Electric power input

Not included external electronic power supply

### Wiring

0,7m cable line included

### Power factor

>0,9

### Insulation Class

Class III

### IP rate

20

### Housing

Anodized aluminum, grey natural color

### Fixing

two inox springs

### Weight, electric cable included

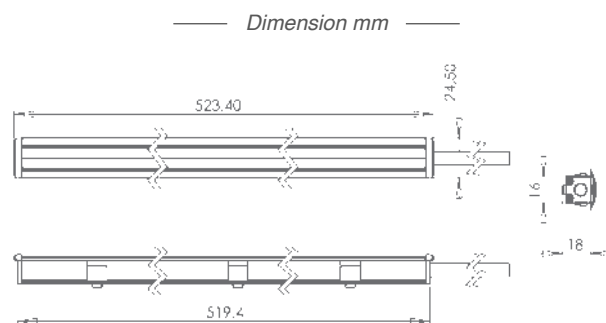
0,4 Kg

### Lifetime

> 50.000

### International Standars

EN 60598-1



| Operation Voltage | Operating ambient temp. | Housing Color      | Control System | Primary Light   |             |
|-------------------|-------------------------|--------------------|----------------|-----------------|-------------|
|                   |                         |                    |                | LED light color | Lumen       |
| 24V DC            | -25° / + 45°            | Anodized aluminium | On/Off         | 4000K           | Max 1580 lm |
|                   |                         |                    |                | 3000            |             |





[illegible]



*Headquarter*

**FABAS LUCE S.p.A.**

Via Luigi Talamoni, 75  
20861 BRUGHERIO (MB) Italy  
Tel. 0039 039 214 22 06  
0039 039 89 06 91  
Fax 0039 039 214 22 08  
[www.fabasluce.it](http://www.fabasluce.it)  
[info@fabasluce.it](mailto:info@fabasluce.it)

**FABAS LUCE GmbH**

Westring, 5  
D-59759 ARNSBERG Germany  
Tel. +49 29 32 / 8 90 16 60  
Fax. +49 29 32 / 8 90 16 62  
[www.fabasluce.com](http://www.fabasluce.com)  
[vertrieb@fabasluce.com](mailto:vertrieb@fabasluce.com)

