MADE IN ITALY

ATI LED®
Naval Lighting Division

NAVY SHIPS LED LIGHT FIXTURES

INNOVATIVE AND FUTURE PROOF

FABAS LUCE®

naval.atiled.it

We are delighted and proud to present to the market the first Atiled Naval division catalogue.
Thanks to Fabas Luce this youngest division has very solid technical base and you can count on its LED lighting solutions.
Our fixtures for navy and cruise ships are really “LED native”, new and original. LED board and fixture housing born together to assure top performances and huge life.
With this innovative design approach we are capable to produce the most powerful, compact and low weight LED fixtures on the market.
Discover in the next pages our light fixtures indoor and open deck complete range, ready to carefully illuminate every spaces on board. You can rely on them and on Fabas Luce as trustable partner.
We hope that all the different models fulfil your requirements, but if you don’t find what you are looking for we are open to evaluate your specific needs and realize custom LED light fixture solution.

FABAS LUCE S.p.A.

Our history

FABAS LUCE deals with the creation, production and distribution of lighting fixtures since 1979, founded by Mr. Azelio Giberti, and has its headquarters in Brugherio, located in the north-east of Milan.
It's a company in constant growth thanks to the continuous and fruitful development of new models that are created every year by a team of Italian designers and that is accompanied by the ability to satisfy our customers with fast deliveries thanks to our logistics warehouse that counts over 9000 pallets places.
This enviable wealth of experience allows us today to be present in all European countries, in the Middle East, Africa and Asia with the collaboration of the distribution companies in our sector.

The milestones of our history:

1979
Fabas Luce's start up: the first factory has an area of 2.000 sqm The core business was, at that time, focused in the decorative lighting.

1998
We move to a new headquarters in Brugherio in a production facility of about 4,000 sqm and at the same time the father transfers the ownership to his sons.

2006
We open our daughter company FABAS LUCE GMBH in Arnsberg, Germany (50 km east of Dortmund)

2008
We build the new headquarters of 9.000 sqm always in Brugherio facing the A4 motorway, in a structure of over 9,000 square meters, built, designed and tailored according to our production, logistic and commercial needs

2008

1979
2019

FABAS
LUCE

2010

We create a new division called ATILED for LED Technical lighting

2015

We open a second branch in Offenburg, Germany for Atiled division

2017

We create a new Atiled Naval division to design and produce specific LED light fixtures for navy and cruise ships

2018

Smartluce comes: the vocal assistant for lighting control system

Vision

A story which started 40 years ago.
A story that spans generations.
A story rich in tradition and passion for the job, which starts early in the morning and ends late at night.
A story made of creative flair and innovation.
Fabas is a company that wants to confirm his role as a reference company in the lighting business.

Mission

Our clients, our main priority.
Before and after sale, Fabas Luce client never feels alone. He is always accompanied by proposals, solutions and courtesy.
Our main goal is to focus on product quality and customer service, even in after sale, and this is one of the reasons of FABAS LUCE steady growth over the last years. This was and it conitnues to be possible thanks to highly professional staff who responds quickly and courteously to the most varied demands of our many customers.

The Present

During the years, Stefano and Donatella Giberti with Fabio Castelli have changed the face of the company. The result is a continuous expansion in the national and international lighting market.
A large factory, fully automated in almost all the production with a cutting-edge logistic system and with a particular sensibility to energy saving and environmental protection topics.
The increased productivity has not however affected the deep ethical sens desired by the owners and the goal of Fabas Luce Spa it is still the same: to continue being successfull with its products, in Italy and in the world, respecting people and rules.

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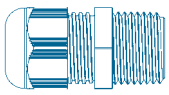

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TVE

VERY COMPACT, VERSATILE AND POWERFUL LED LIGHT FIXTURE

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

Perfect solution for many different indoor and weather decks illumination needs.
NVG Night Vision Goggles Compatible version available. LED light colors: red, green, blue.

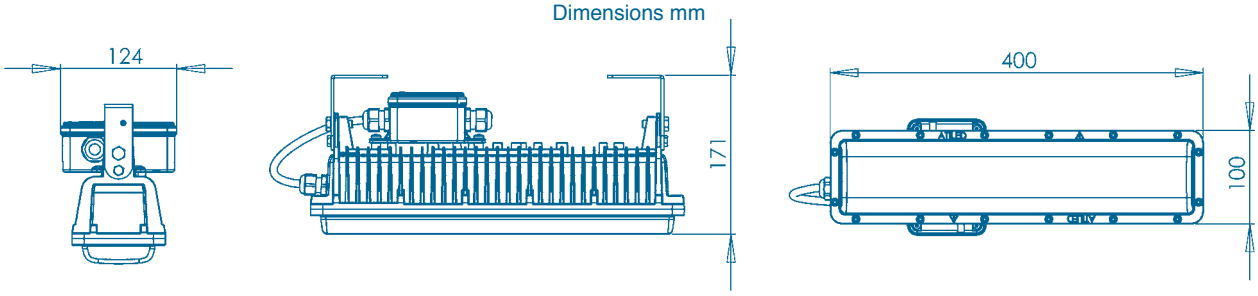
White Ral 9010

Grey Ral 7040

Blue Ral 5011

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
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Line in and line out with junction box on the fixture back side
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Stainless steel brackets AISI 316L
Net Weight	2,5 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, 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

Dimensions mm



TVE

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
TVE-WW	**6868-52-001**	3000 K	3000	22	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-NW	**6868-54-001**	4000 K	3400	22	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-NW	**6868-84-001**	4000 K	3400	22	Blue Ral 5011	100/240 VAC	-25° / +55°	
TVE-NW	**6868-94-001**	4000 K	3400	22	Grey Ral 7040	100/240 VAC	-25° / +55°	
TVE-DIM	**6868-54-002**	4000 K	3400	22	White Ral 9010	100/240 VAC	-25° / +55°	Dimmer on the fixture
TVE-WW DALI	**6868-52-010**	3000 K	3000	22	White Ral 9010	220/240 VAC	-25° / +45°	DALI remote control
TVE-NW DALI	**6868-54-010**	4000 K	3400	22	White Ral 9010	220/240 VAC	-25° / +45°	DALI remote control
TVE-R	**6868-54-017**	Red		7	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-B	**6868-54-006**	Blue		5	White Ral 9010	100/240 VAC	-25° / +55°	

CE

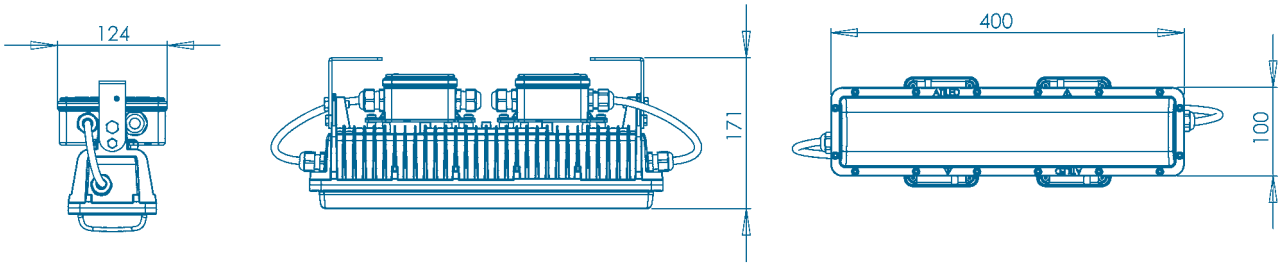
TVE DOUBLE LIGHT

TWO INDEPENDENT LED LIGHTS IN THE SAME FIXTURE

On request white and white, white and red, white and blue.

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
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Line in and line out with 2 junction boxes on the fixture back side
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Stainless steel brackets AISI 316L
Net Weight	2,5 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, 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

Dimensions mm



TVE DOUBLE LIGHTS

Model	Item	Primary light			Secondary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt	Color temp.	Lumen	Watt				
TVE-CR	**6868-54-003**	4000 K	3400	22	Red		5	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-RR	**6868-54-005**	Red		7	Red		5	White Ral 9010	220/240 VAC	-25° / +55°	
TVE-EM	**6868-54-007**	4000 K	3400	22	4000 K	550	9	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-EM	**6868-94-007**	4000 K	3400	22	4000 K	550	9	Grey Ral 7040	100/240 VAC	-25° / +55°	
TVE-CB	**6868-52-012**	3000 K	3000	22	Blue		5	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-CB	**6868-54-012**	4000 K	3400	22	Blue		5	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-CR	**6868-84-003**	4000 K	3400	22	Red		5	Blue Ral 5011	100/240 VAC	-25° / +55°	
TVE-CR	**6868-94-003**	4000 K	3400	22	Red		5	Grey Ral 7040	100/240 VAC	-25° / +55°	

CE

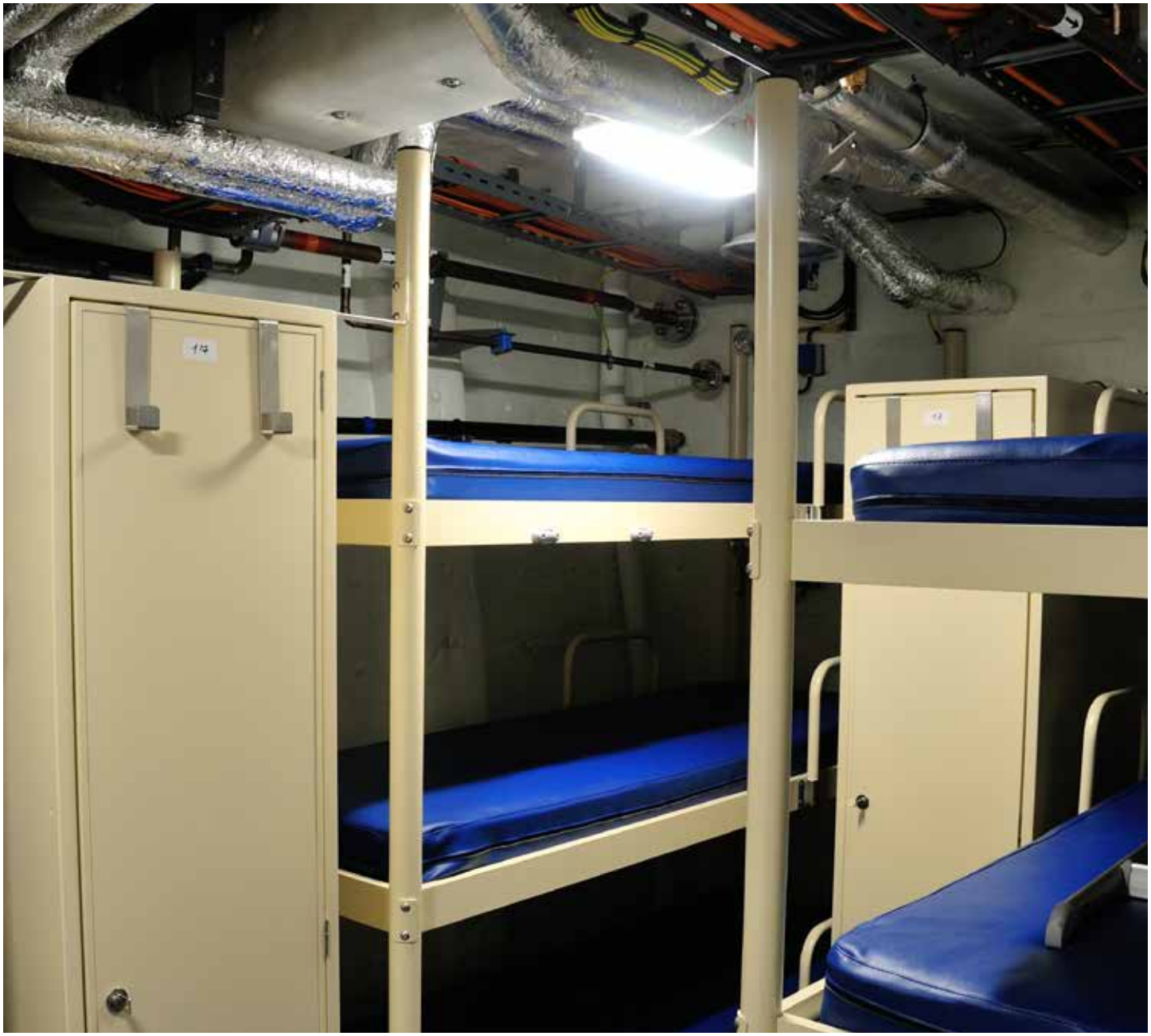
TVE SELECTABLE DOUBLE LIGHTS

TWO INDEPENDENT LED LIGHTS IN THE SAME FIXTURE

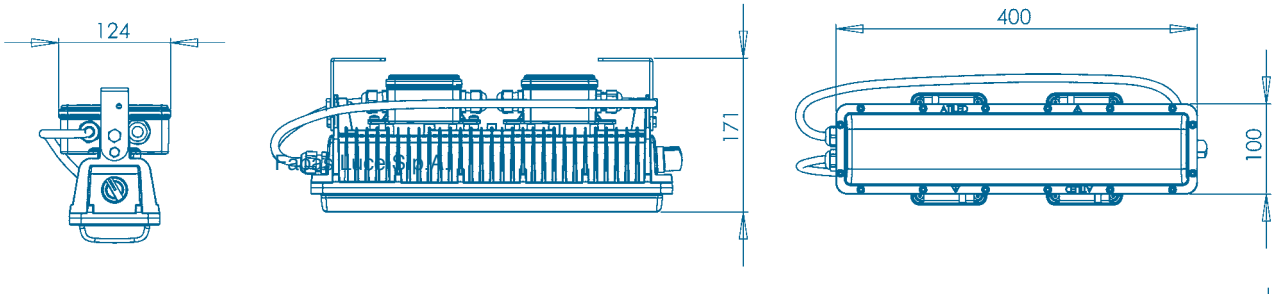
PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

Switch on the fixture for color light selection.

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
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Line in and line out with 2 junction boxes on the fixture back side
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Stainless steel brackets AISI 316L
Net Weight	2,5 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, 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



Dimensions mm



TVE SELECTABLE DOUBLE LIGHTS

Model	Item	Primary light			Secondary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt	Color temp.	Lumen	Watt				
TVE-CRI	**6868-54-004**	4000 K	3400	22	Red		5	White Ral 9010	100/240 VAC	-25° / +55°	With selector
TVE-CRI	**6868-84-004**	4000 K	3400	22	Red		5	Blue Ral 5011	100/240 VAC	-25° / +55°	With selector

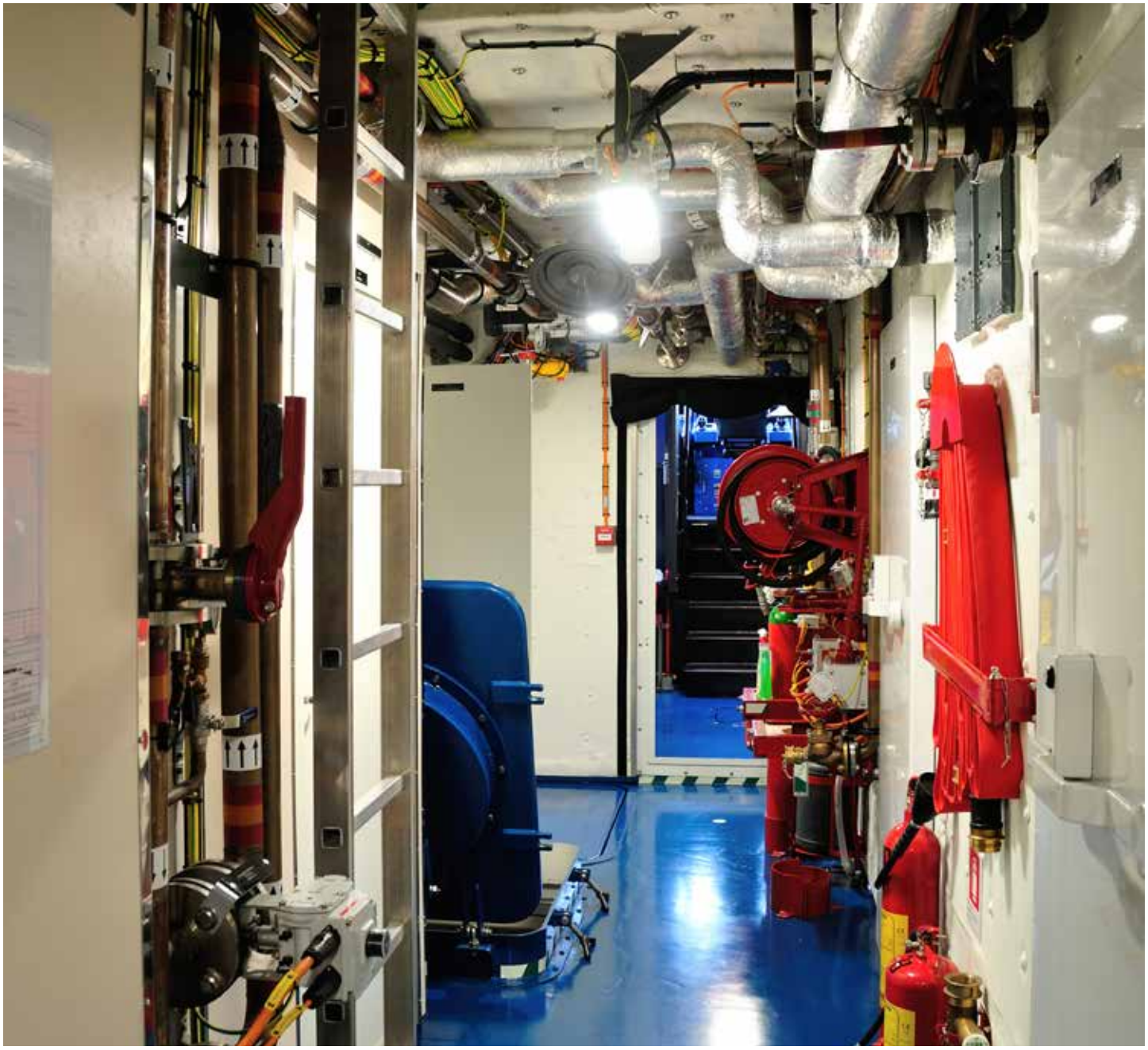
CE

TVE EXIT

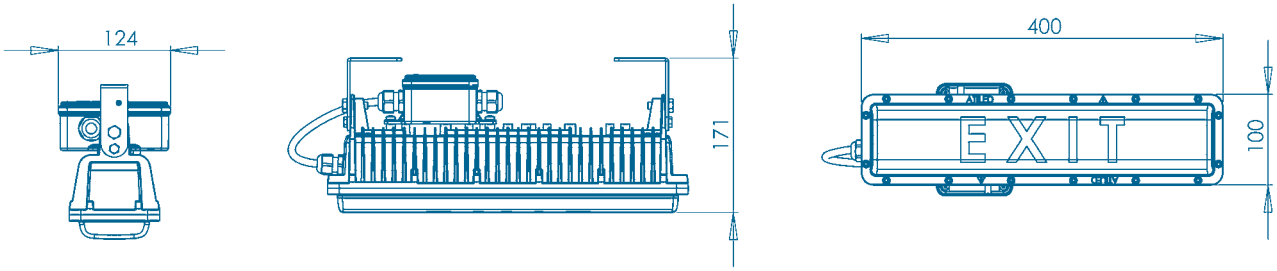
HIGH VISIBILITY GREEN EXIT SIGN

LED light fixture for emengency exit

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
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Line in and line out with junction box on the fixture back side
Power factor	>0,9
Insulation	Class 1
Protection	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Stainless steel brackets AISI 316L
Net Weight	2,5 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, 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



Dimensions mm



TVE EXIT

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
TVE-Exit	**6868-54-026**	4000 K	3400	22	White Ral 9010	100/240 VAC	-25° / +55°	FOR EMERGENCY EXIT
TVE-Exit	**6868-84-002**	4000 K	3400	22	Blue Ral 5011	100/240 VAC	-25° / +55°	FOR EMERGENCY EXIT
TVE-Exit	**6868-94-002**	4000 K	3400	22	Grey Ral 7040	100/240 VAC	-25° / +55°	FOR EMERGENCY EXIT

CE

TVE SPECIAL CUSTOM VERSION

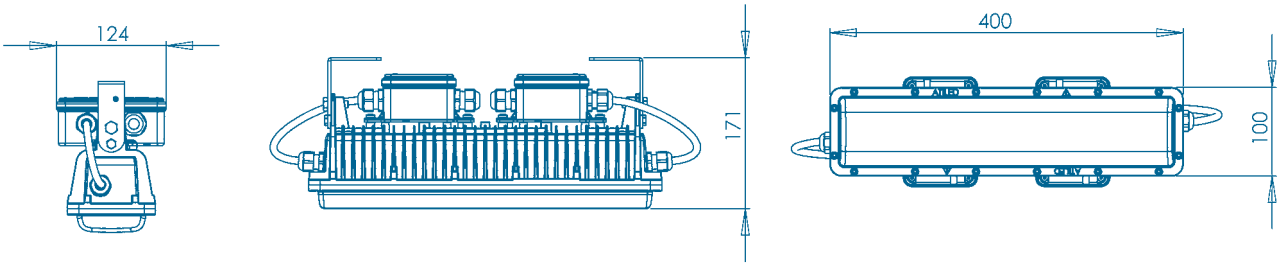
MANY DIFFERENT FUNCTIONS, CONTROLS, CONNECTION COMBINATIONS
IN THIS VERSATILE AND POWERFUL LED LIGHT FIXTURE

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

Perfect solution for demanding illumination needs

Optic diffused beam	180°
Diffuser	Opal polycarbonate
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Line in and line out with two junction boxes on the fixture back side
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Orientable made of marine grade copper free aluminum, inox bolts
Fixing	Stainless steel brackets AISI 316
Net Weight	2,5 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, 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

Dimensions mm



TVE SPECIAL CUSTOM VERSION

Model	Item	Primary light			Secondary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt	Color temp.	Lumen	Watt				
TVE-EM	**6868-54-007**	4000 K	3400	22	4000 K	550	9	White Ral 9010	100/240 VAC	-25° / +55°	
TVE-EM DALI	**6868-54-013**	4000 K	3400	22	4000 K	550	9	White Ral 9010	220/240 VAC	-25° / +45°	DALI primary light
TVE-CB 2DALI	**6868-54-014**	4000 K	3400	22	Red		5	White Ral 9010	220/240 VAC	-25° / +45°	DALI primary/secodary Lights
TVE-CR DALI	**6868-54-018**	4000 K	3400	22	Blue		5	White Ral 9010	220/240 VAC	-25° / +45°	DALI secondary light
TVE-CR 2DALI	**6868-54-020**	4000 K	3400	22	Blue		5	White Ral 9010	220/240 VAC	-25° / +45°	DALI primary/secodary Lights
TVE-SMG	**6868-54-023**	4000 K	3400	22				White Ral 9010	100/240 VAC	-25° / +55°	MIL connector
TVE-DCRI3	**6868-54-025**	4000 K	3400	22	Red		5	White Ral 9010	100/240 VAC	-25° / +55°	Selector for white / red light colors. Dimmer for white light color

CE

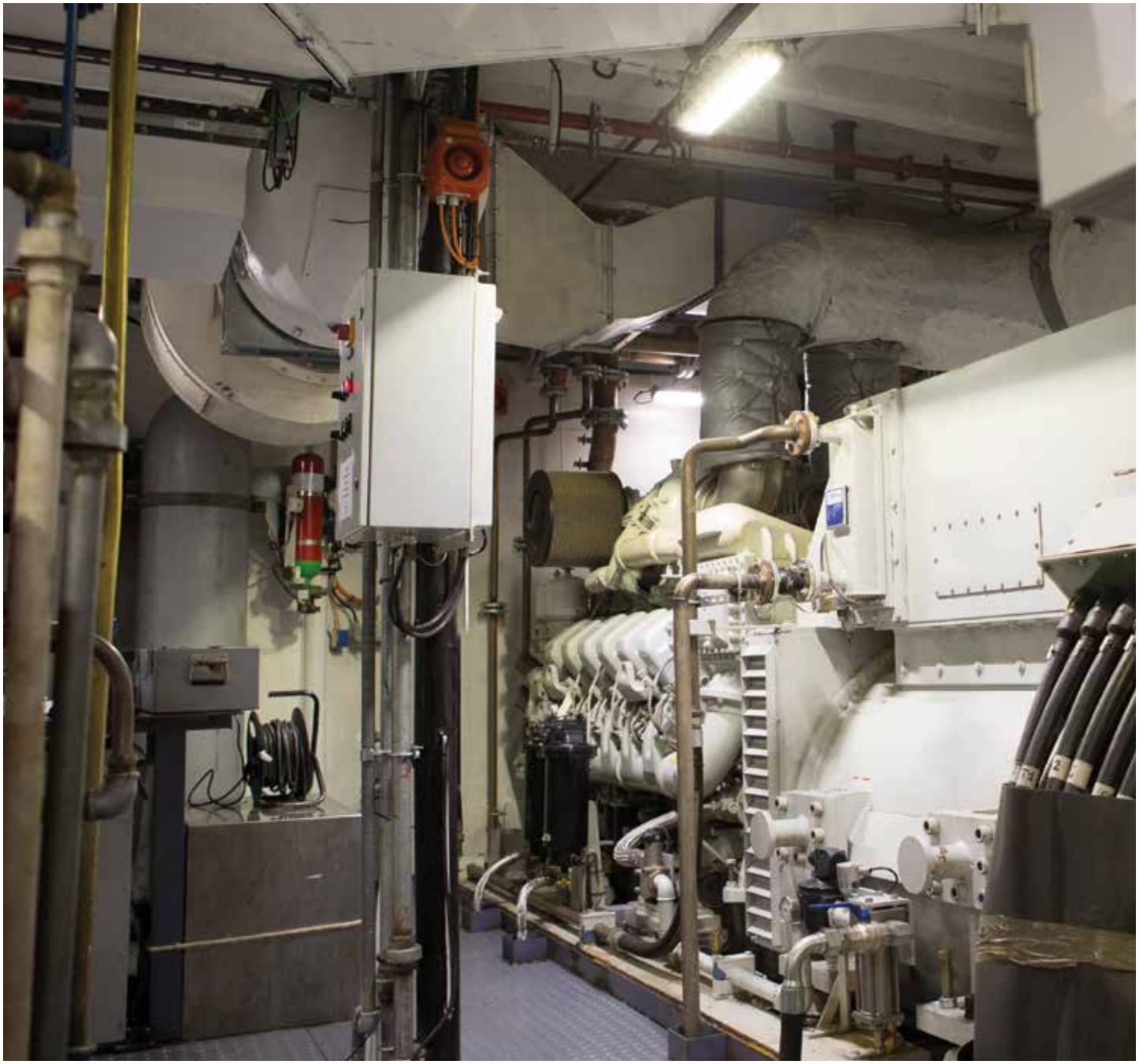
TGL

POWERFUL GENERAL PURPOSE LED LIGHT FIXTURE

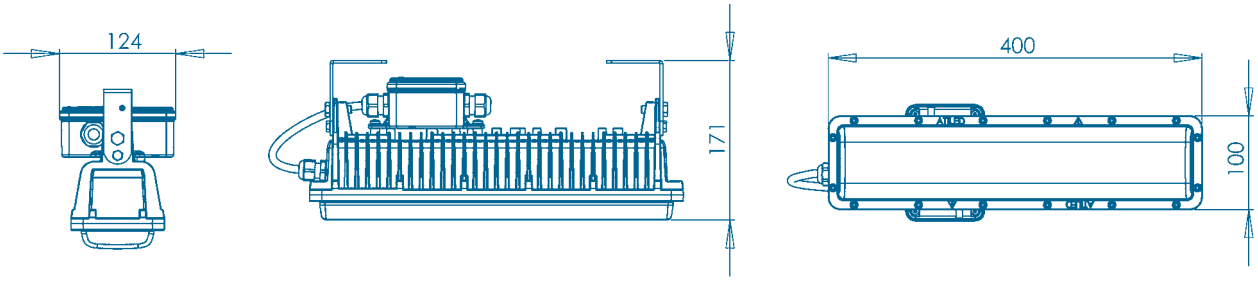
PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

Suitable for high ceiling spaces, engine rooms

Diffuser	Opal polycarbonate
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Electric power inputs	With electronic power supply inside the fixture
Wiring	Line in and line out junction box in the fixture back side
Power factor	>0,9
Insulation	Class 1
IP rate	IP66
Housing	Orientable made of marine grade copper free aluminum, inox bolts
Fixing	Stainless steel brackets AISI 316
Net Weight	2,5 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, 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



Dimensions mm



TGL

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
TGL	**6869-54-001**	4000 K	5.600	35	White Ral 9010	100/240 VAC	-25° / +55°	
TGL-D	**6869-94-002**	4000 K	5.600	35	Grey Ral 7040	100/240 VAC	-25° / +55°	semicutoff shield to stop direct uplight

CE

PEX

COMPACT EX HAZARDOUS AREA EXPLOSION PROOF LED LIGHT FIXTURES IP66

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

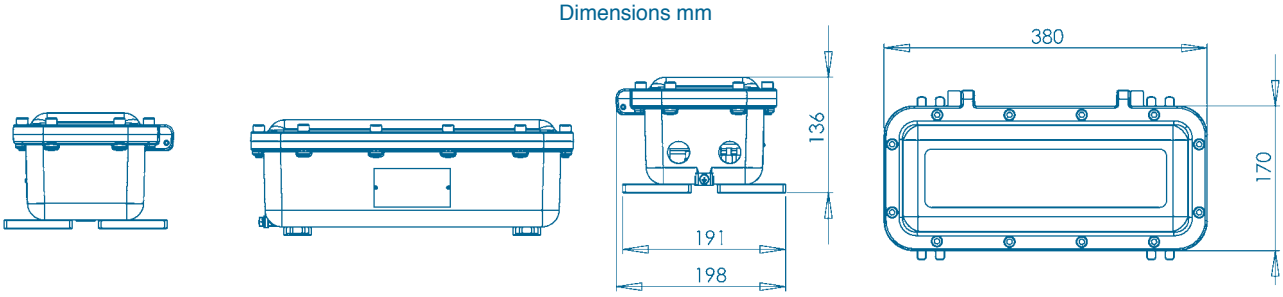
EX hazardous area explosion proof LED fixture
Installation: hazardous areas - Zone 1 / 2 (Gases) – Zone 21 / 22 (Dusts)
Classification: Group II – Category 2G / 2D

Execution:
II 2 G Ex d IIB+H2 T5 Gb
II 2 D Ex tb IIIC T100°C Db

On request different input voltages and other housing colors.
NVG Night Vision Goggles Compatible version available. LED light colors: red, green, blue.

Optic diffused beam	180°
Diffuser	High thickness borosilicate glass
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Two cable glands for line in and line out connections
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Aluminum brackets
Net Weight	8 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1
EX certificate	CE INERIS 15 ATEX 0024X

Dimensions mm



PEX

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
PEX	**6807-54-001**	4000 K	3000	23	White Ral 9010	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)
PEX	**6807-94-001**	4000 K	3000	23	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)

(1) Not included two brass nickel plated cable glands to be ordered separately according to the type of the power electric cable (normal, armoured, etc)
The last fixture on the line require brass nickel plated stopping plug to blank off unused entry.

Refer to ACCESSORIES at page 55

CE

PEX DOUBLE LIGHTS

TWO INDEPENDENT LED LIGHTS IN THE SAME COMPACT
EX HAZARDOUS AREA EXPLOSION PROOF LED LIGHT FIXTURES IP66

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

EX hazardous area explosion proof LED fixture
Installation: hazardous areas - Zone 1 / 2 (Gases) – Zone 21 / 22 (Dusts)
Classification: Group II – Category 2G / 2D

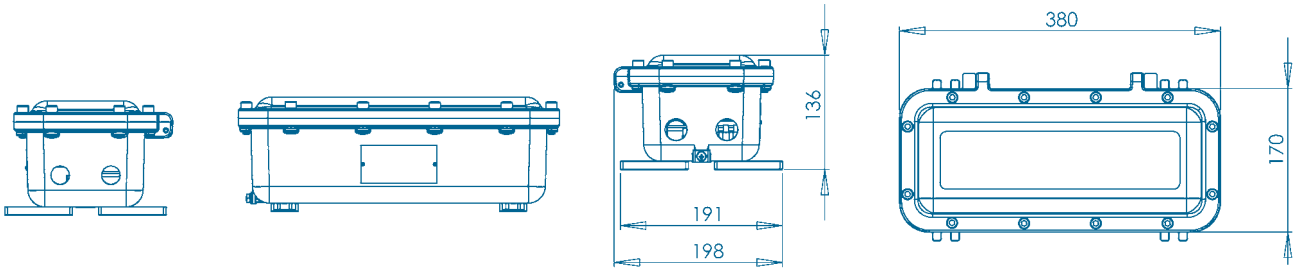
Execution:
II 2 G Ex d IIB+H2 T5 Gb
II 2 D Ex tb IIIC T100°C Db

On request different input voltages and other housing colors.

Other LED light colors available on request

Optic diffused beam	180°
Diffuser	high thickness borosilicate glass
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Four cable glands for line in and line out connections
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Aluminum brackets
Net Weight	8 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1
EX certificate	CE INERIS 15 ATEX 0024X

Dimensions mm



PEX DOUBLE LIGHTS

Model	Item	Primary light			Secondary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt	Color temp.	Lumen	Watt				
PEX-CR	**6807-54-002**	4000 K	3000	23	Red		5	White Ral 9010	100/240 VAC	-25° / +55°	Through wiring - 4 holes (1)
PEX-CR	**6807-94-002**	4000 K	3000	23	Red		5	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 4 holes (1)
PEX-EM	**6807-54-004**	4000 K	3000	23	4000 K	1500	13	White Ral 9010	100/240 VAC	-25° / +55°	Through wiring - 4 holes (1)

(1) Not included two or four brass nickel plated cable glands to be ordered separately according to the type of the power electric cable (normal, armoured, etc) The last fixture on the line require brass nickel plated stopping plug to blank off unused entry.

Refer to ACCESSORIES at page 55

CE

PEX EXIT

HIGH VISIBILITY GREEN EXIT SIGN IN COMPACT EX HAZARDOUS AREA EXPLOSION PROOF LED LIGHT FIXTURES IP66

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

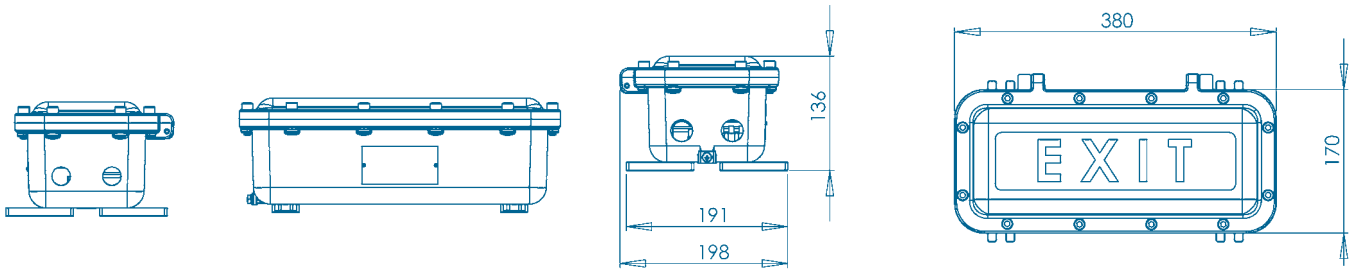
EX hazardous area explosion proof LED fixture
Installation: hazardous areas - Zone 1 / 2 (Gases) – Zone 21 / 22 (Dusts)
Classification: Group II – Category 2G / 2D

Execution:
II 2 G Ex d IIB+H2 T5 Gb
II 2 D Ex tb IIIC T100°C Db

On request different input voltages and other housing colors.

Optic diffused beam	180°
Diffuser	High thickness borosilicate glass
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Two cable glands for line in and line out connections
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Aluminum brackets
Net Weight	8 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1
EX certificate	CE INERIS 15 ATEX 0024X

Dimensions mm



PEX EXIT

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
PEX-Exit	**6807-54-007**	4000 K	3000	23	White Ral 9010	100/240 VAC	-25° / +55°	Through wiring - 2 holes FOR EMERGENCY EXIT (1)

(1) Not included two or four brass nickel plated cable glands to be ordered separately according to the type of the power electric cable (normal, armoured, etc)
The last fixture on the line require brass nickel plated stopping plug to blank off unused entry.

Refer to ACCESSORIES at page 55

CE

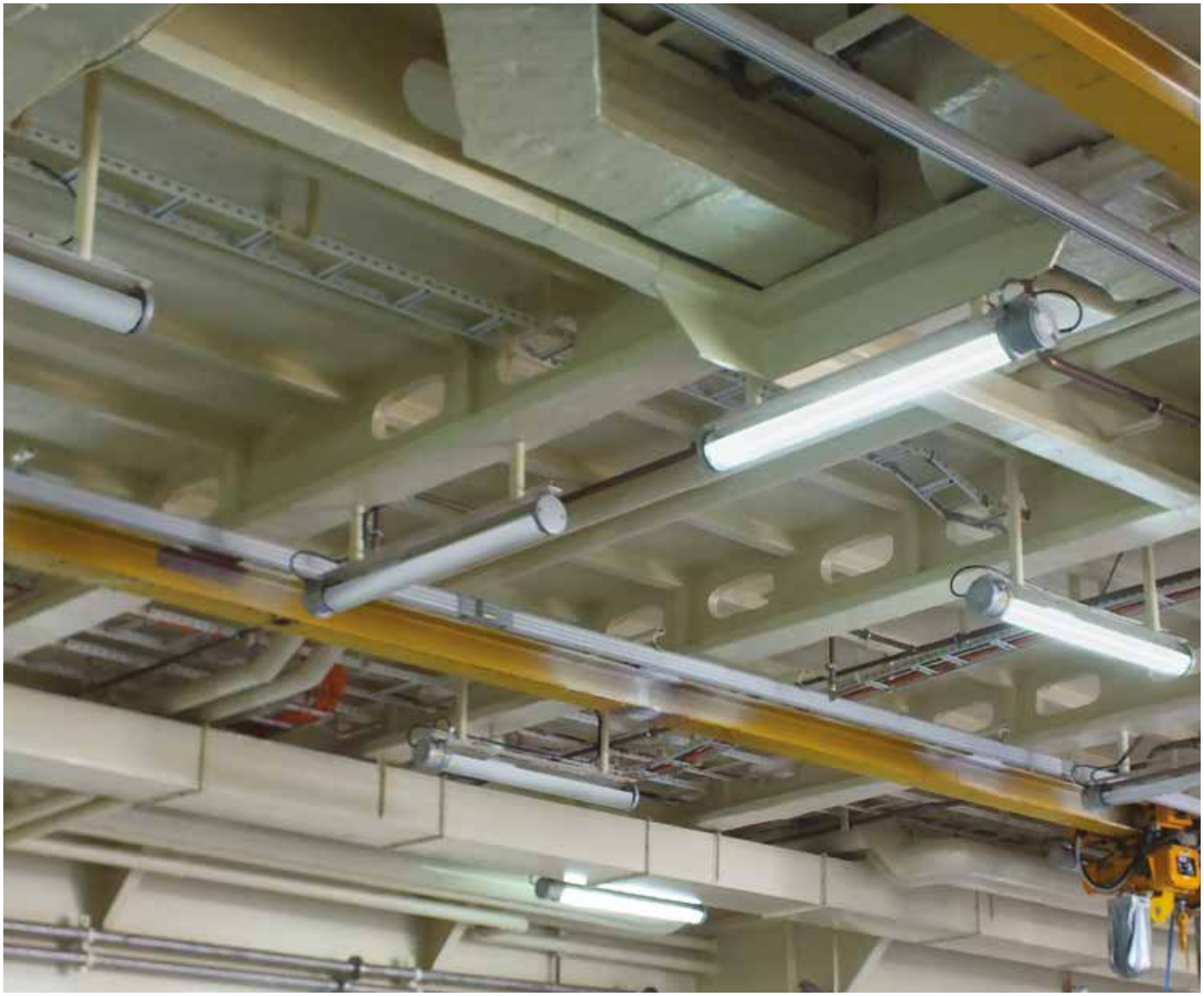
GEX

POWERFUL AND COMPACT EX HAZARDOUS AREA EXPLOSION PROOF LED LIGHT FIXTURES IP66

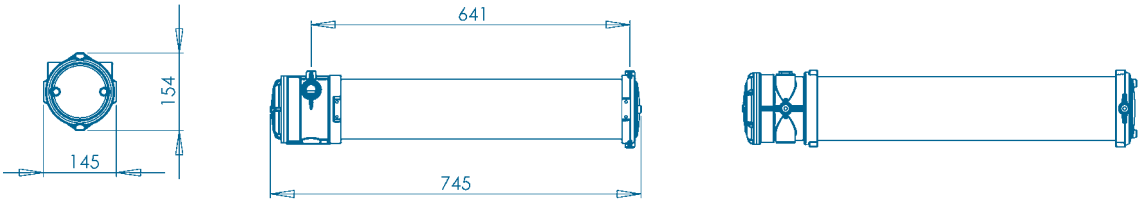
Installation: Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)
Classification: Group II - Category 2G / 2D
Execution:
II 2 G Ex d IIC T6 Gb
II 2 D Ex tb IIIC T85°C Db

On request different input voltages and other housing colors

Optic diffused beam	180°
Diffuser	High thickness borosilicate glass
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Power consumption	35 W
Electric power inputs	With electronic power supply inside the fixture.
Wiring	Two cable glands for line in and line out connections
Power factor	>0,9
Insulation	Class 1
IP Rate	IP66
Housing	Made of marine grade copper free aluminum, inox bolts
Fixing	Aluminum brackets
Net Weight	8 Kg
System lifetime hours	L70 B10 50.000 hours at ambient temperature +35°C
International Standars, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1
EX certificate	CE INERIS 12 ATEX 0023X



Dimensions mm



GEX

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
GEX (1)	**6852-54-001**	4000 K	5600	35	White Ral 9010	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)

(1) Not included two brass nickel plated cable glands to be ordered separately according to the type of the power electric cable (normal, armoured, etc)
The last fixture on the line require brass nickel plated stopping plug to blank off unused entry.

Refer to ACCESSORIES at page 55

CE

GLO

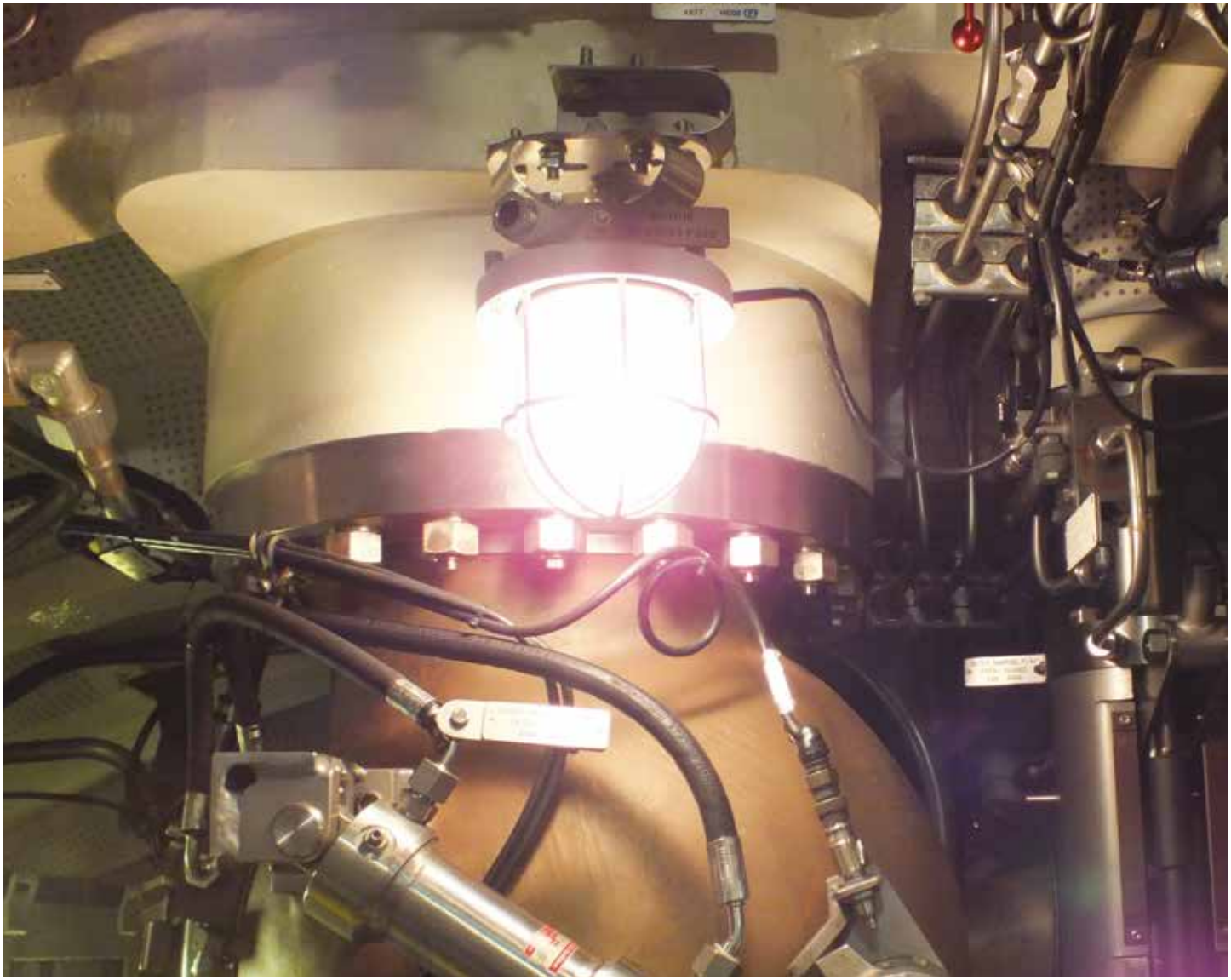
EXPLOSION PROOF LED GLOBE WHITE NATURAL LIGHT
OR COLORED LIGHT

The LED light color is switchable in: red, green, blue and orange

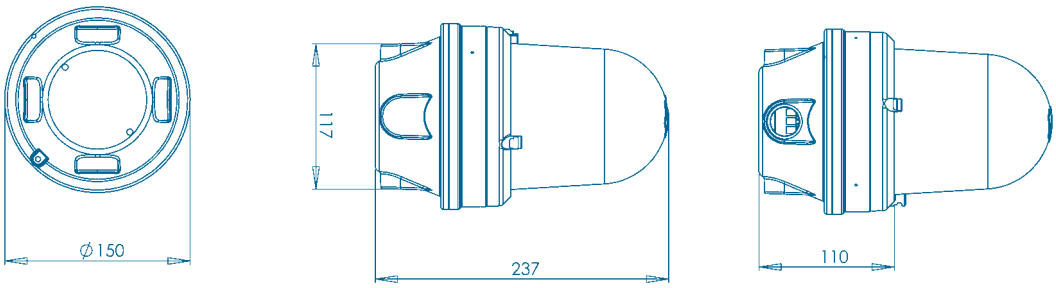
Installation: hazardous areas - Zone 1 / 2 (Gases) – Zone 21 / 22 (Dusts)
Classification: Group II – Category 2G / 2D

Execution:
II 2 G Ex d IIB T4 Gb
II 2 D Ex tb IIIC T135°C Db

Optic diffused beam	180°
Diffuser	High thickness borosilicate glass
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Electric power inputs	With electronic power supply inside the fixture
Wiring	Two cable glands for line in and line out connections
Power factor	>0,9
Insulation	Class 1
IP rate	IP66
Fixing wall	Reinforced bulkhead bracket inox AISI 316
Fixing ceiling	Ceiling bracket inox AISI 316
Housing	Die-cast marine grade copper free aluminum
Net Weight	3 Kg
System lifetime hours	L70 B10 >50.000 hours
International Standars	IEC 60092-306; IEC 60533; EN 60598-1
EX certificate where applicable	CE INERIS 01 ATEX 0054X



Dimensions mm



GLO

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
GLO NW EX	**6952-94-001**	4000 K	820	7	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)
GLO C EX	**6952-96-001**	Red, Blue, Green, Orange	-	7	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)

(1) Not included two brass nickel plated cable glands to be ordered separately according to the type of the power electric cable (normal, armoured, etc)
The last fixture on the line require brass nickel plated stopping plug to blank off unused entry.

Protection guard inox AISI 316

Refer to ACCESSORIES at page 55

CE

GLO

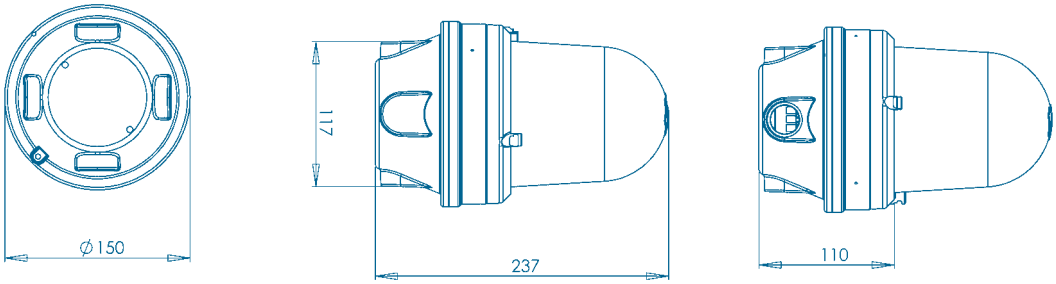
LED GLOBE WHITE NATURAL LIGHT OR COLORED LIGHT

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

The LED light color is switchable in: red, green, blue and orange

Optic diffused beam	180°
Diffuser	High thickness borosilicate glass
Color Rendering Index	CRI >85
Photobiological risk group	RG0
Electric power inputs	With electronic power supply inside the fixture
Wiring	Two cable glands for line in and line out connections
Power factor	>0,9
Insulation	Class 1
IP rate	IP66
Fixing wall	Reinforced bulkhead bracket inox AISI 316
Fixing ceiling	Ceiling bracket inox AISI 316
Housing	Die-cast marine grade copper free aluminum
Net Weight	3 Kg
System lifetime hours	L70 B10 >50.000 hours
International Standars	IEC 60092-306; IEC 60533; EN 60598-1
EX certificate where applicable	CE INERIS 01 ATEX 0054X

Dimensions mm



GLO

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
GLO NW	**6952-94-001**	4000 K	820	7	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)
GLO C	**6952-96-001**	Red, Blue, Green, Orange	-	7	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)

(1) Not included two plastic cable glands to be ordered separately,
The last fixture on the line require brass nickel plated stopping plug to blank off unused entry.

Protection guard inox AISI 316

Refer to ACCESSORIES at page 55

CE

TON 160

HIGH EFFICIENCY LED FLOODLIGHT

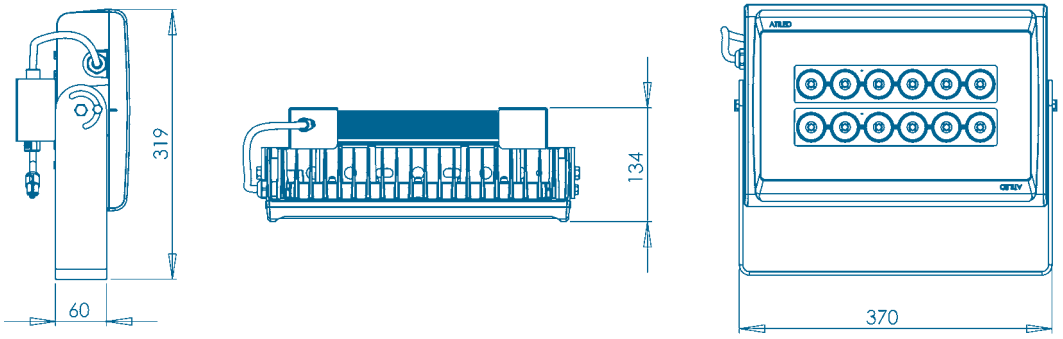
PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

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

Diffuser	Clear tempered glass
Color Rendering Index	CRI >70
Power consumption	160 W
Electric power inputs	With electronic power supply on the fixture
Wiring	Power line connection with junction box or IP68 connector
Power factor	>0,9
Insulation	Class 1
IP rate	IP66
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
System lifetime hours	L70 B10 50.000 hours
International Standars, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1

Dimensions mm



TON 160

Model	Item	Primary light			Optic Beam Degree	Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt					
TON 160	**6943-04-624**	4000 K	19.400	160	54°	Grey Ral 7040	100/240 VAC	-25° / +55°	IP68 connector included
TON 160	**6943-04-324**	4000 K	19.400	160	26°	Grey Ral 7040	100/240 VAC	-25° / +55°	IP68 connector included
TON 160 A	**6943-04-001**	4000 K	19.400	160	54°	Grey Ral 7040	100/240 VAC	-25° / +55°	Junction box included

CE

TON 100

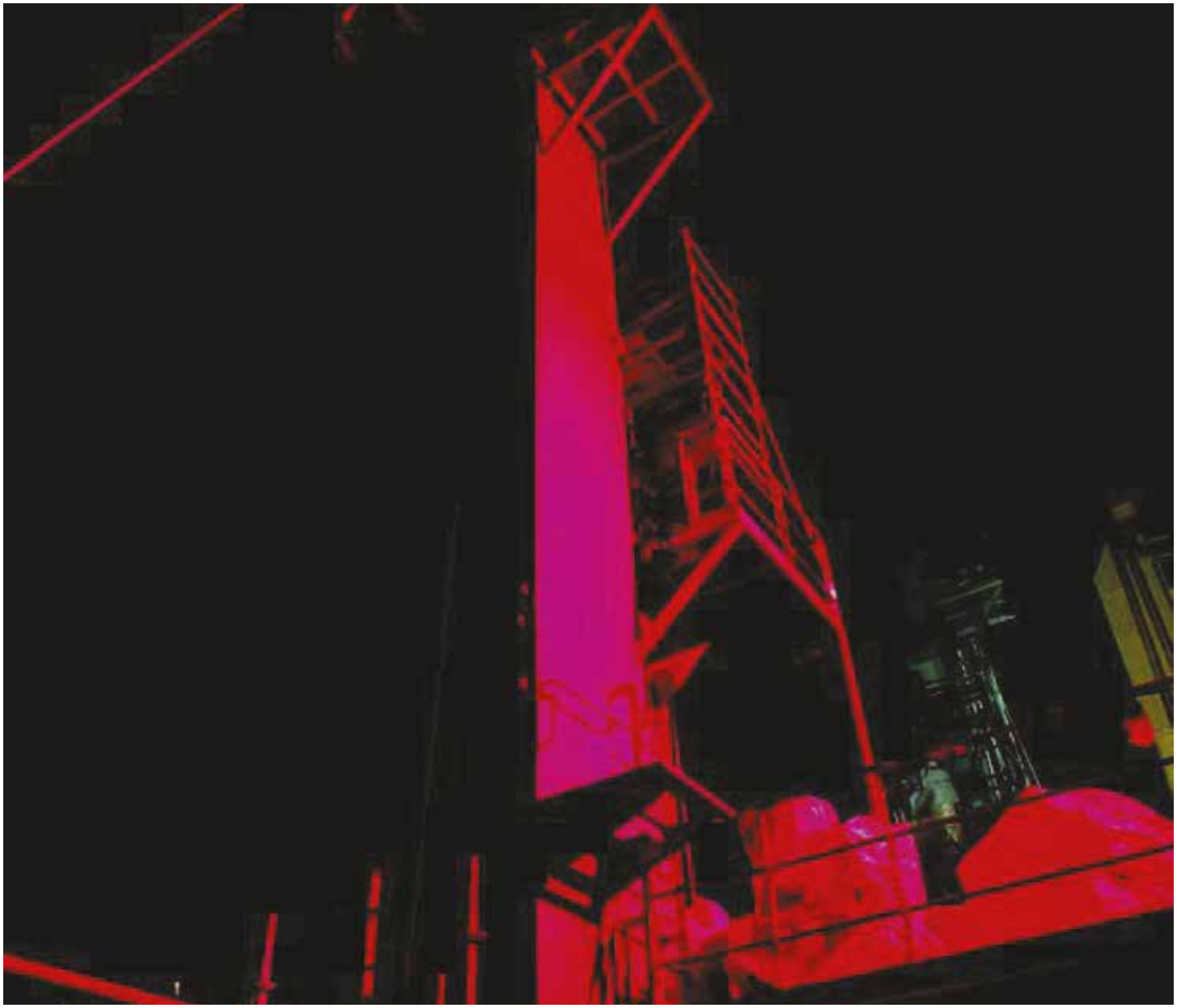
HIGH EFFICIENCY LED FLOOD LIGHT COLOR RED OR BLUE

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

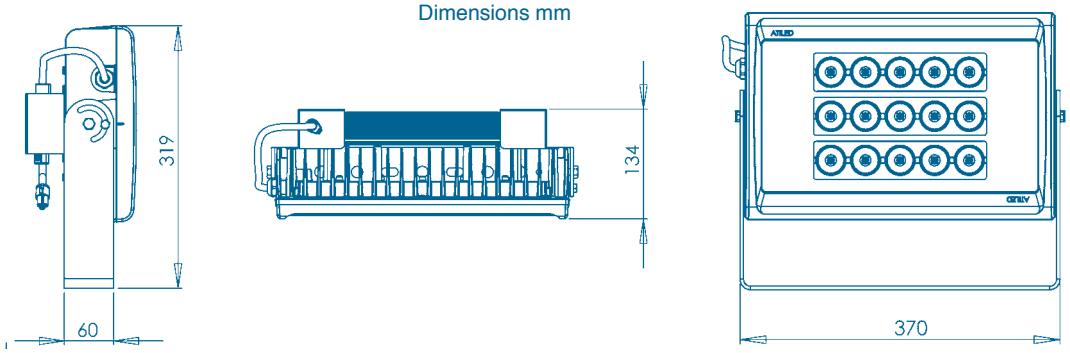
Powerful, precise and robust LED flood light
Compact and low weight housing
One lens for each LED assure intense and precise light beam

On request different housing color and light temperature color

Diffuser	Clear tempered glass
Electric power inputs	With electronic power supply on the fixture
Wiring	Power line connection with IP68 connector, included
Power factor	>0,9
Insulation	Class 1
IP rate	IP66
Working ambient temperatures	Equipped with active control of external ambient temperature
Housing	Orientable made of marine grade copper free aluminum, inox bolts, with anti-condensation valve for air recirculation
Fixing	Orientable stainless steel brackets AISI 316
Net Weight	8,5 Kg
System lifetime hours	L70 B10 50.000 hours
International Standars, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1



Dimensions mm



TON 100

Model	Item	Primary light			Optic Beam Degree	Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt					
TON R100	**6943-10-624**	Red	-	105	54°	Grey Ral 7040	100/240 VAC	-25° / +55°	
TON B100	**6943-09-624**	Blue	-	135	54°	Grey Ral 7040	100/240 VAC	-25° / +55°	

CE

TOR 50

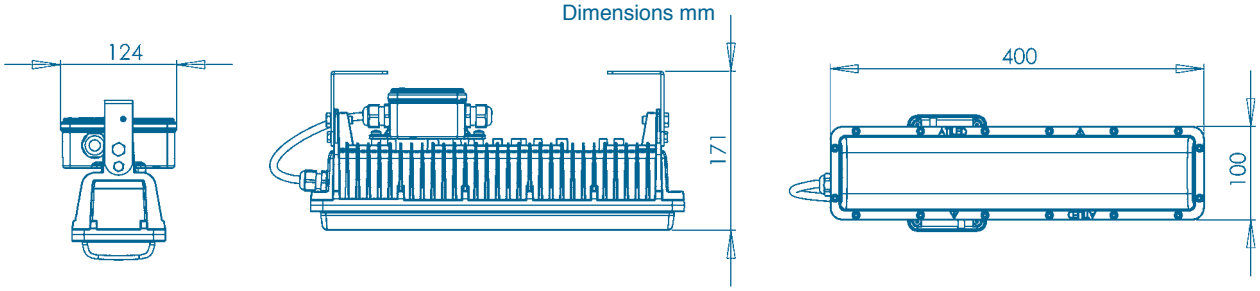
HIGH EFFICIENCY LED FLOOD LIGHT

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

Diffuser	Clear polycarbonate
Color Rendering Index	CRI >70
Power consumption	50 W
Electric power inputs	With electronic power supply inside the fixture
Wiring	Line in and line out junction box in the fixture back side
Power factor	>0,9
Insulation	Class 1
IP rate	IP66
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
System lifetime hours	L70 B10 50.000 hours
International Standars, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1

Dimensions mm



TOR 50

Model	Item	Primary light			Optic Beam Degree	Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt					
TOR 50	**6941-04-324**	4000 K	6.500	50	21°	Grey Ral 7040	100/240 VAC	-25° / +55°	
TOR 50	**6941-04-524**	4000 K	6.500	50	45°	Grey Ral 7040	100/240 VAC	-25° / +55°	
TOR 50	**6941-04-624**	4000 K	6.500	50	65°	Grey Ral 7040	100/240 VAC	-25° / +55°	

CE

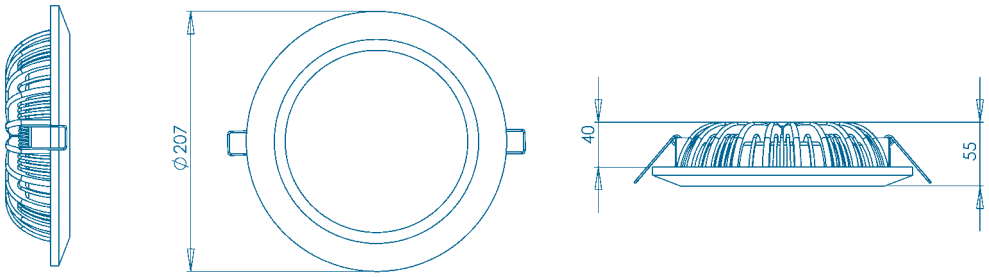
PSAR 2

RECESSED ROUND LED LIGHT FIXTURE

Suitable for offices, wardroom, messroom, bathroooms
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 II
IP Rate	IP44
Housing	Aluminum, white painted
Fixing	With 3 screws and / or springs
Net Weight	0,7 Kg
System lifetime hours	>50.000
International Standard	EN 60598-1

Dimensions mm



PSAR 2

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
PSAR2-WW	**6823-02-254**	3000 K	1900	20	white	220/240 VAC	-25° / +45°	
PSAR2-NW	**6823-04-254**	4000 K	2000	20	white	220/240 VAC	-25° / +45°	
PSAR2-WW-DALI	**6823-02-256**	3000 K	1900	20	white	220/240 VAC	-25° / +45°	DALI dimmable
PSAR2-R DALI	**6823-10-256**	RED	175	4	white	220/240 VAC	-25° / +45°	DALI dimmable

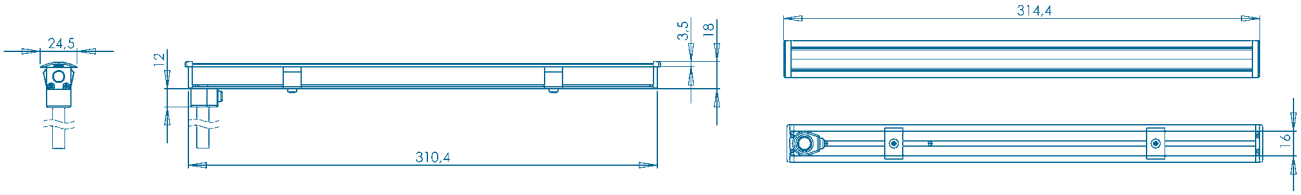
CE

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 esternal electronic power supply
Wiring	0,7m cable line included
Power factor	>0,9
Insulation	Class III
IP rate	IP20
Housing	Anodized aluminum, grey natural color
Fixing	two inox springs
Weight, electric cable included	0,4 Kg
System lifetime hours	> 50.000
International Standars	EN 60598-1

Dimensions mm



CTL

Model	Item	Primary light			Housing Color	Electric Power inputs	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
CTL	**6949-02-001**	3000 K	630	5	Brushed anodized aluminium	24 V DC	-25° / +45°	

CE

CLS

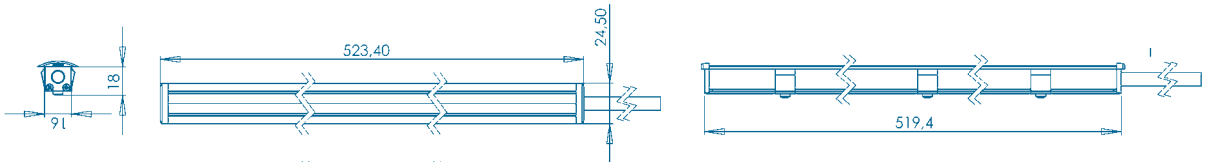
WRITING / READING CABINET TABLE LIGHTS

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 esternal electronic power supply
Wiring	0,5 m cable line included
Power factor	>0,9
Insulation	Class III
IP Rate	IP20
Housing	anodized aluminum, grey natural color
Fixing	two inox springs
Weight, electric cable included	0,45 Kg
System lifetime hours	> 50.000
Certification	EN 60598-1

Dimensions mm



CLS

Model	Item	Primary light			Housing Color	Electric Power inputs	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
CLS	**6948-02-001**	3000 K	1580	12	Brushed anodized aluminium	24 V DC	-25° / +45°	Lumen and power consumption for CTL lenght 500 mm.

CE

GEST

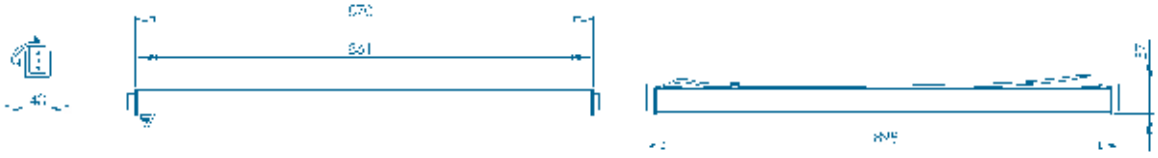
SPECIAL SHAPE FOR STEALTH NAVY SHIP

PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

Open deck LED light fixture

Optic beam	180°
Diffuser	Opal polycarbonate
Color Rendering Index	CRI >85
Power consumption	20 W
Electric power	Input 100/240 VAC 50/60 Hz - Output 24 V DC
Power Supply	Power supply included. Power supply is not inside housing, but to be installed in metal box (not supplied) inside ship hull
Wiring	Line in cable factory connected to the fixture, ready for junction in power supply box inside ship
Power factor	>0,9
Insulation	Class 2
IP Rate	IP66
Working ambient temperatures	-25° / +55°C
Housing	Orientable made of anodized aluminum
Fixing	Adjustable stainless steel brackets AISI 316
Weight	2,5 Kg
System lifetime hours	L70 B10 50.000 hours

Dimensions mm



GEST

Model	Item	Primary light			Housing Color	Note
		Color temp.	Lumen	Watt		
GEST	**6855-04-994**	4000 K	2650	20	Grey Ral 7040	
GEST	**6855-04-995**	4000 K	2650	20	Grey Ral 7040	Shock test MIL-S 901D

CE

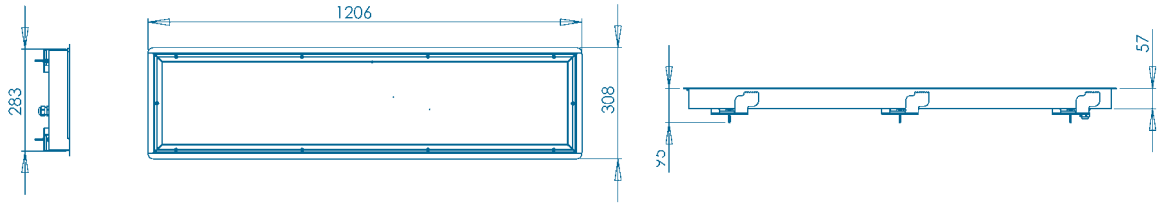
KEROS 30X120

HOSPITAL AREAS, SURGERY ROOMS

Recessed LED light fixture IP65 - in both front and rear fixture sides

Diffuser clear prismatic "dark light" anti glare beam	180°
Power consumption	45W
Photobiological risk group	RG0
Color Rendering Index	CRI 85
Electric power inputs	With electronic power supply inside the fixture
Power factor	>0,9
Insulation	Class 1
IP rate on both front and rear side	IP65
Housing	Steel
Net Weight	6,5 Kg
System lifetime hours	Duration L70 B10 50.000
Certification	EN 60598-1

Dimensions mm



KEROS 30X120

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
KEROS dark IP65	**6740-04-005**	4000 K	5200	45	White	220/240 VAC	-20° / +45°	

CE

GALCOR

LED LIGHT FIXTURE INOX USPHS COMPLIANT

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

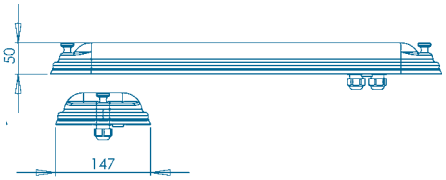
PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

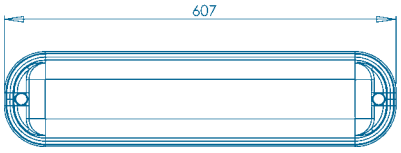
GALCOR™

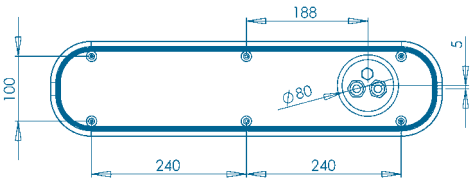
STAINLESS STEEL LED LIGHT FIXTURE USPHS COMPLIANT
FOR **GALLEY** AND **COLD ROOM**
CBRN CHEMICAL, BIOLOGICAL, RADIOLOGICAL
AND NUCLEAR DECONTAMINATION STATIONS

Optic diffused beam	180°
Diffuser anti glare opal polycarbonate	Flame rating V-0 (UL 94 test), UV resistant
Photobiological risk group	RG0
Power consumption	32 W
System lifetime hours	L80 B10 >75.000 hours
Color Rendering Index	CRI 85
Electric power inputs	With electronic power supply inside the fixture
Wiring	Line in and line out inside fixture
Power factor	>0,9
Insulation	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
International Standars	CE, USPHS compliant

Dimensions mm







GALCOR

Model	Item	Primary light			Housing Color	Electric Power inputs 0/50/60 Hz	Working Amb. Temperature	Note
		Color temp.	Lumen	Watt				
GALCOR	**6953-04-854**	4000 K	5.250	32		220/240 VAC	-25° / +45°	

CE

EBLAN

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

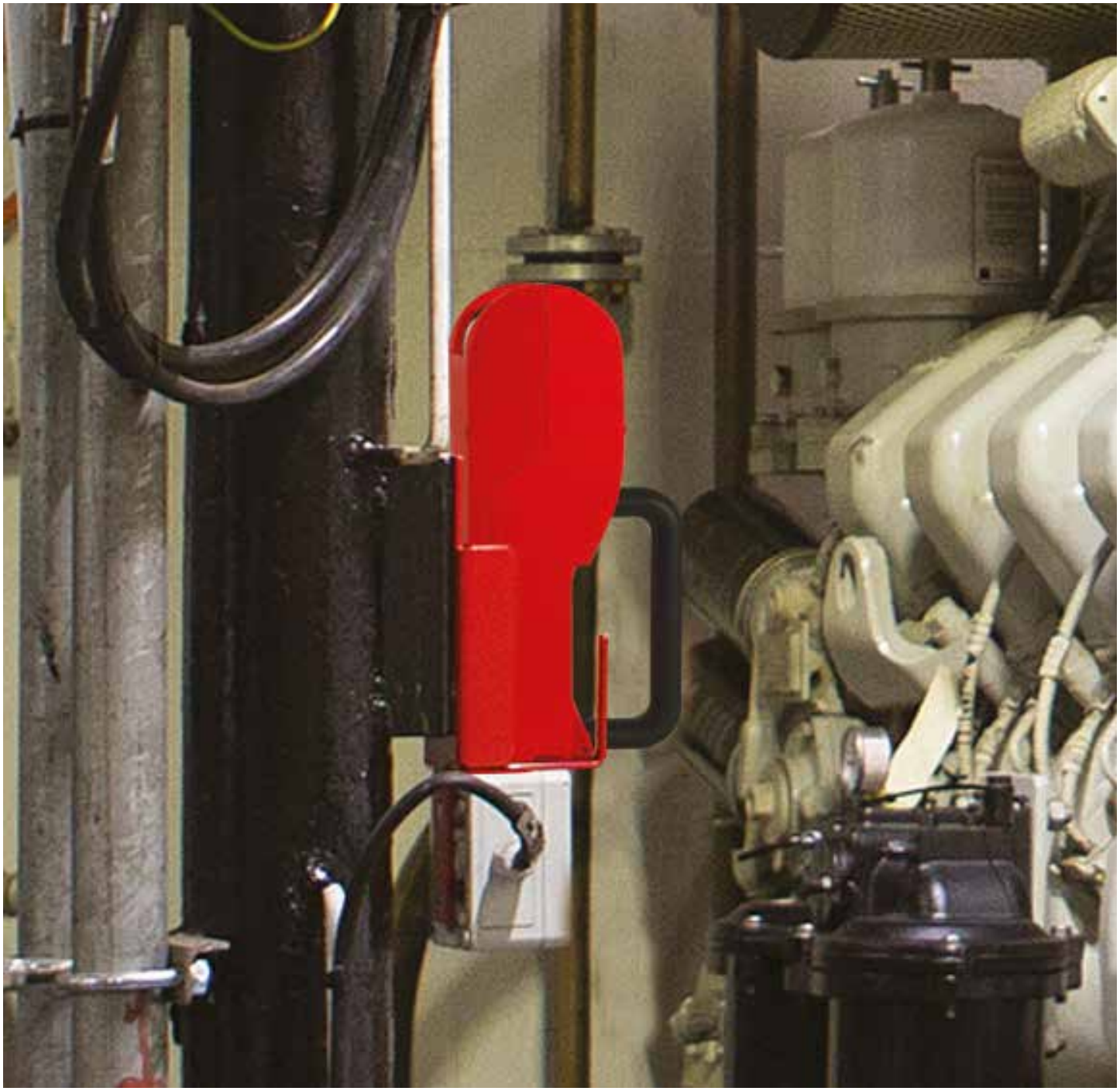
PASSED MIL-S 901D HIGH IMPACT SHOCK TEST SHIPBOARD EQUIPMENT WITHOUT RESILIENT MOUNTS

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

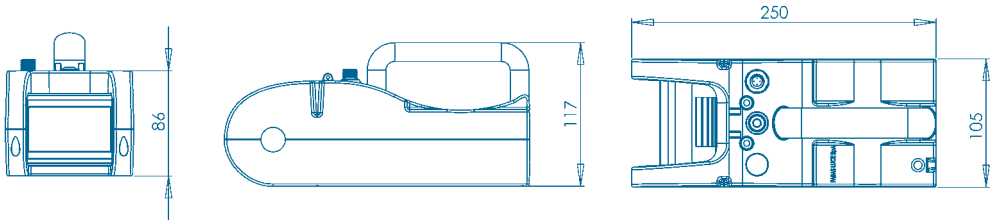
Color Rendering Index CRI	85
Lifetime Light at reduced luminous flux	4,5 Hours
Lifetime Light at luminous flux 250 lumen	10 Hours
Battery sealed pack whit active temperature monitoring and control	Nickel Metal Hydride
Battery charging time from low to max level hours	8
Battery stand by duration without power connection hours	4 / 8 weeks
Low safe recharging power voltage V	< 20
Insulation	Class III
IP Rate	IP67
Working ambient temperatures	-20 / +55 °C
Net Weight	1 Kg
Dimensions mm:	lenght 250, width 105, height 80
International Standars	CE

lantern wall mounting bracket with power unit box

Electric power inputs	100 / 240 VAC 50 / 60 Hz
Insulation	Class 1
Working ambient temperatures	-20 / +55 °C
IP rate	IP67
Net Weight	1 Kg



Dimensions mm



EBLAN

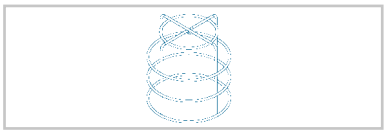
Model	Item	Primary light			Secondary light			Housing Color	Note
		Color temp.	Lumen	Watt	Color temp.	Lumen	Watt		
EBLAN	**6923-04-001**	5700 K	250	-	Red Green	- -	4 4	Red - Black	

CE

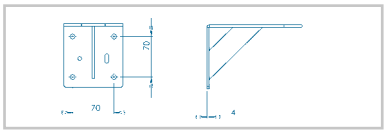
Fabas Luce carefully manage all the different technologies that are necessary to produce reliable led light fixtures.
According to the type of light needed we select top quality leds and design the proper electronic board.
We develop compact fixture housing with marine grade aluminum or stainless steel that assure the right heat dissipation and long lasting in harsh environment.
The light diffusers and the optics are designed to create the best efficient view.

ACCESSORIES

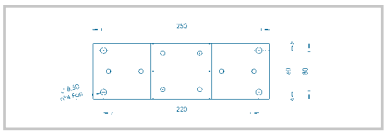
GLO



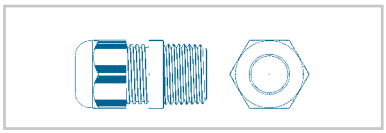
6952-50-001 Protection guard inox Aisi 316



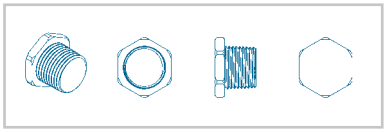
6952-50-002 Bulkhead bracket inox Aisi 316



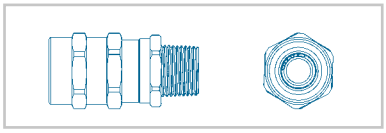
6952-50-003 Ceiling bracket inox Aisi 316



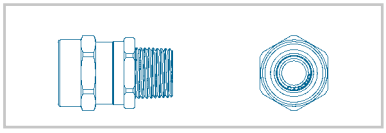
6952-50-004 Plastic cable gland 1/2” NPT
for normal cable outside diameter mm 6 min / 12 Max



6807-50-011 EX explosion proof
Stopping plug 1/2” NPT marine grade brass nickel plated

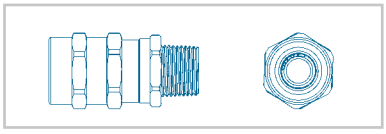


6807-50-009 EX explosion proof
Marine grade brass nickel plated cable gland 1/2” NPT
for ARMOURED electric cable, diameter mm
5,5 min / 13 Max under armour - 10 min / 19 Max external

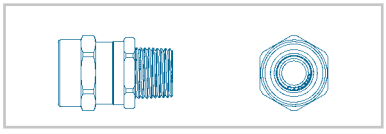


6807-50-010 EX explosion proof
Marine grade brass nickel plated cable gland 1/2” NPT
for UNarmoured electric cable, external diameter mm 5,5 min / 13 Max

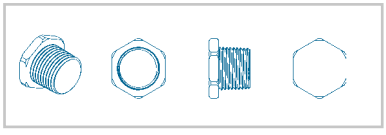
PEX-GEX



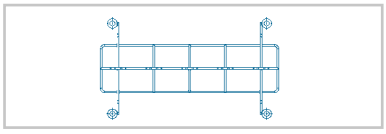
6807-50-009 EX explosion proof.
Marine grade brass nickel plated cable gland 1/2” NPT
for ARMOURED electric cable, diameter mm
5,5 min / 13 Max under armour - 10 min / 19 Max external



6807-50-010 EX explosion proof.
Marine grade brass nickel plated cable gland 1/2” NPT
for UNarmoured electric cable, external diameter mm 5,5 min / 13 Max



6807-50-011 EX explosion proof.
Stopping plug 1/2” NPT marine grade brass nickel plated



6907-59-013 Protection guard inox Aisi 316 for glass diffuser explosion proof led fixture mod. PEX

Our wide range of led lights fixtures cover 95% of the all type of lights a navy ship may need, no matter if is a new build or modernization of existing vessel.

Italian navy training school sailing ship Amerigo Vespucci
The italian flag made with our color LED flood lights

REFERENCES

Year	Owner	Ship or class nameShip or class name	Number of shiphs	Type
2020	Qatari Emiri Navy	-	1	LPD
2019 - 22	Qatari Emiri Navy	-	2	OPV
2019 - 23	Qatari Emiri Navy	-	4	Corvette
2018 - 19	Italian Navy	UNPAV	2	Special forces hight speed unit
2015 - 20	Algerian National Navy	-	3	Mine hunter
2017 - 20	Italian Navy	FREMM	10	Fregate
2018	Italian Navy	A 5309 Anteo	1	Submarine rescue ship
2018	Italian Navy	Trieste	1	LHD Landing Helicopter Dock
2018 - 25	Italian Navy	PPA	7	Multi-role offshore patrol vessels
2017	Italian Navy	Vulcano	1	LSS
2016	Fiinish Navy	Katanpaa	3	Mine hunter
2016	Venezuela Navy	-	1	U 209 submarine
2015	Marina Militare Italiana	U212	2	Submarine
2015	Norwegian Polar Institute	Kronprins Haakon	1	Icebreaker
2015 - 18	Italian Navy	Lerici	4	Mine hunter
2015	Italian Navy	San Marco	1	LPD
2015	RosRAO - Russia	Itarus	1	Semi-submersible floating platform
2014	Italian Navy	Vespucci	1	Training school sailing ship
2014	Algerian National Navy	Kalaat Beni-Abbes	1	LPD
2013	Italian Coast Guard	CP 409 Ingianni	1	Patrol boat

NOTE

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FABAS LUCE®
naval.atiled.it

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