MADE IN ITALY

ATILED®
Naval Lighting Division

Cruise ships LED light fixtures
Innovative and future proof
for technical spaces and open decks

FABAS
LUCE®

naval.atiled.it

O ur LED light technical fixtures for cruise ships are based on our proven and successful experience that we have as innovator for navy ship lights.

Our fixtures for cruise ships are really "LED native", new and original.

LED board and fixture housing born together to assure top performances and long lifetime almost maintenance free.

With our innovative design approach we manufacture the most powerful, compact and low weight LED fixtures on the market.

Discover in the next pages our techincal light fixtures indoor and open deck complete range, ready to carefully illuminate every space 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.

1979

1998

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.
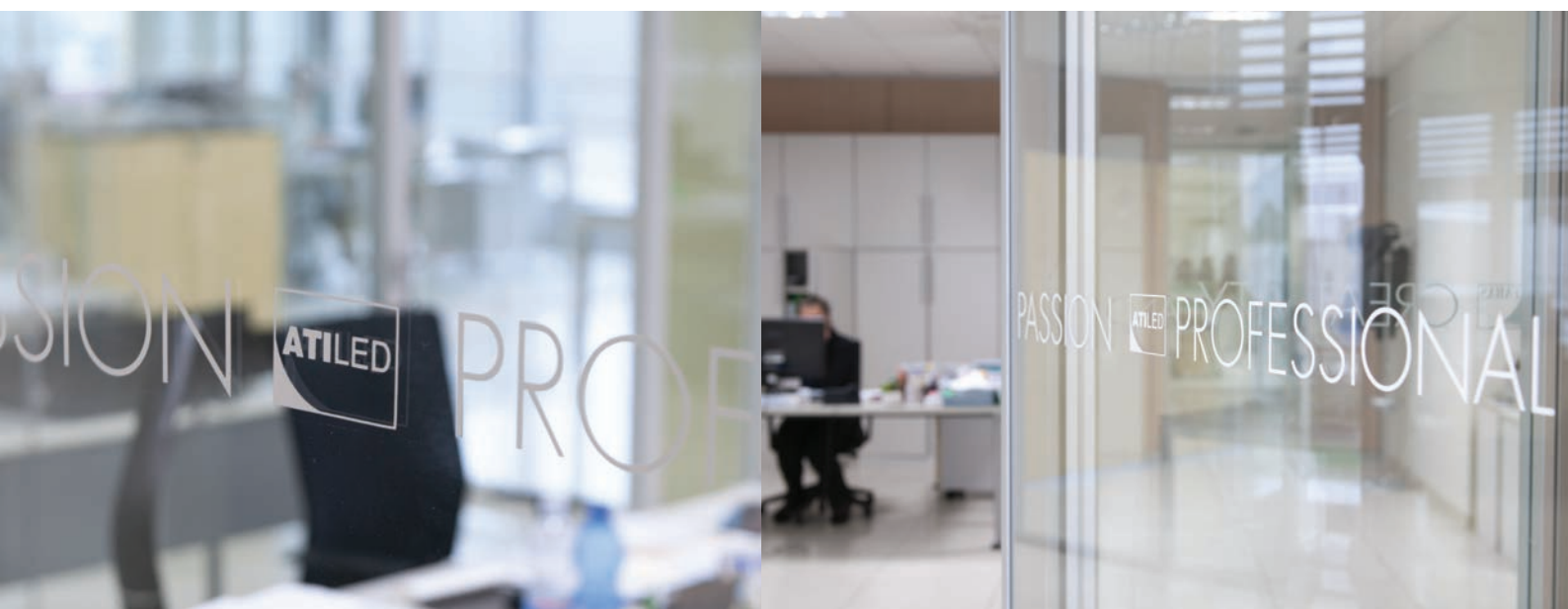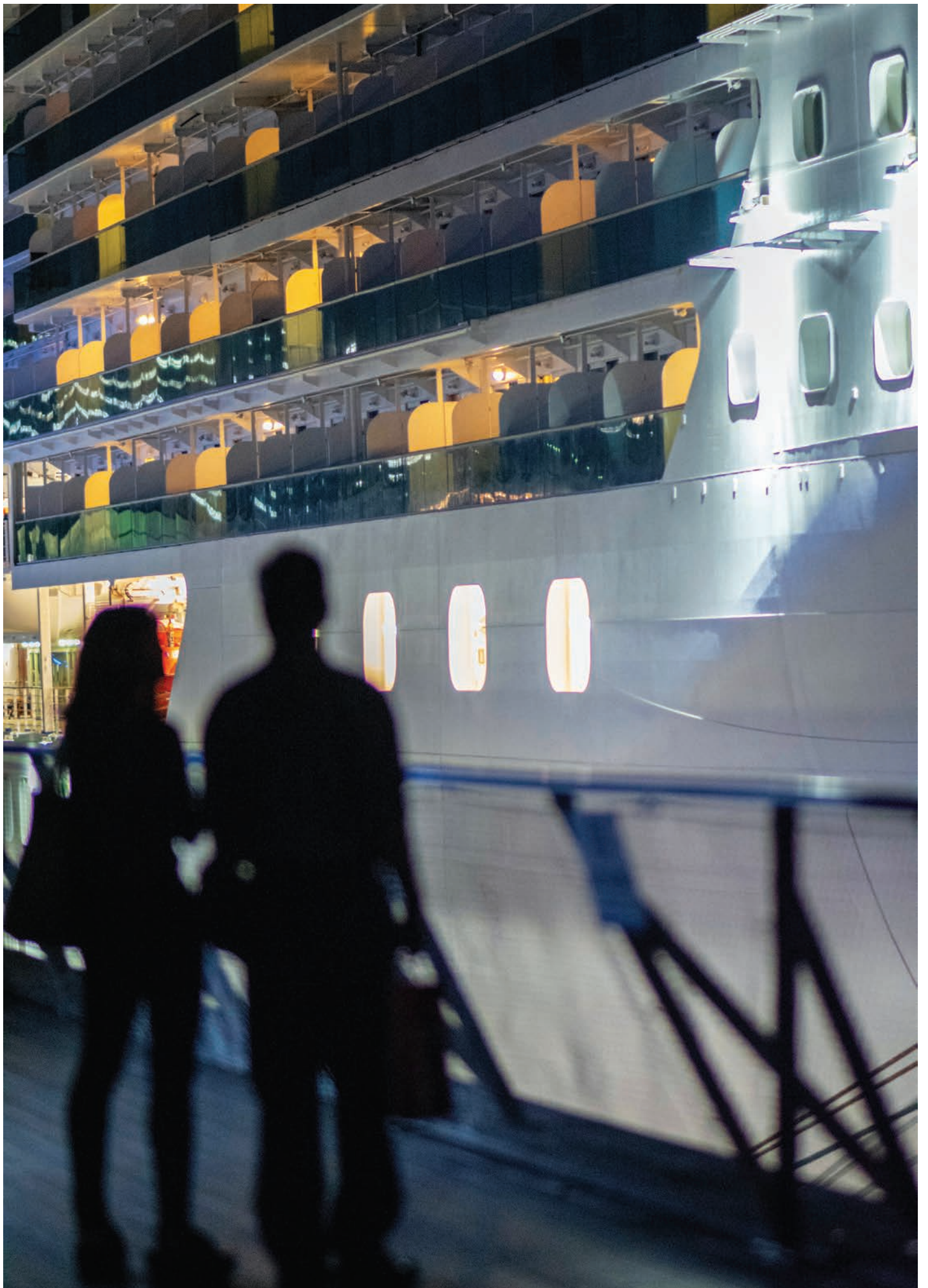
The Present

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.

INDEX

STARFIX

COMPACT POWERFUL IP67 LED LIGHT FIXTURE FOR CRUISE SHIP
OUTDOOR AND OPEN DECKS

We show very good colors close to the real one's thanks to our accurate LEDs selection that combine very high CRI
Color Rendering Index typically 92 within 3 Step MacAdam

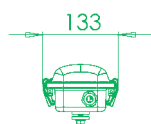|	
Luminous efficacy	Nominal 163 lumen / Watt
Optic diffused beam	180°
Diffuser	Anti glare opal polycarbonate flame rating V0 (UL 94 test), UV resistant
Color Rendering Index	CRI 90 (min.), 92 (typ.)
Photobiological risk group	RG0
Electric power inputs	220/240VAC/DC 50/60Hz with electronic power supply inside the fixture
Wiring	Line in and line out inside the fixture
Power factor	>0,95
Insulation	Class 1
Protection	IP67
Housing painting treatment	Stainless steel AISI 316L model - 70 / 80 μm glossy white polyester paint RAL9016
Mounting	Threaded pin stainless steel AISI 316L / bulkhead support stainless steel AISI 316L - White RAL 9016
LED lifetime hours	L80 B10 > 75.000 h
Driver expected lifetime	100.000 h *
International Standars compliance where applicable	IEC 60092-306; IEC 60533; EN60598-2-1
Certification	CE

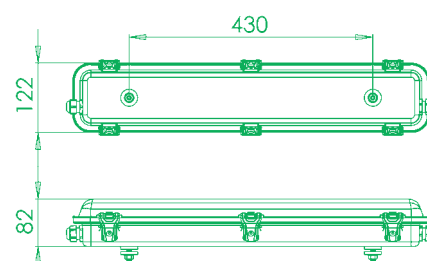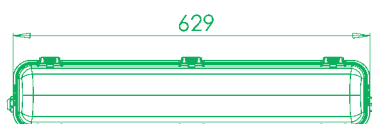*The led driver is designed for a lifetime stated above with a failure probability of less than 10%.

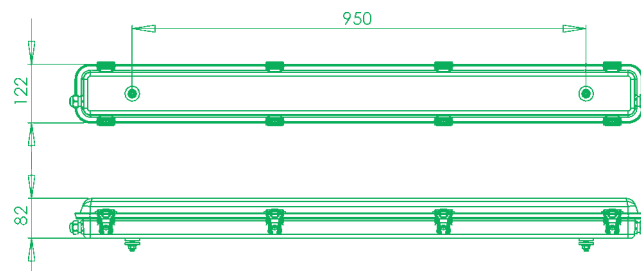ATILED Fabas Luce S.p.A.

STARFIX

Dimensions mm

Model	Item	Primary light			Housing Material	Working Amb. Temperature C°	Weight
		Color temp.	Lumen	Watt			
Starfix 20-629	6955-54-101	4000 K	3.065	21,5	Stainless steel AISI 316L ceiling	-25° / +55°	2,4 Kg
	6955-54-201	4000 K	3.065	21,5	Stainless steel AISI 316L bulkhead	-25° / +55°	2,4 Kg
Starfix 40-629	6955-54-102	4000 K	5.662	38	Stainless steel AISI 316L ceiling	-25° / +55°	2,5 Kg
	6955-54-202	4000 K	5.662	38	Stainless steel AISI 316L bulkhead	-25° / +55°	2,5 Kg
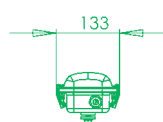
Dimensions mm

Model	Item	Primary light			Housing Material	Working Amb. Temperature C°	Weight
		Color temp.	Lumen	Watt			
Starfix 40-1190	6955-54-103	4000 K	5.662	38	Stainless steel AISI 316L ceiling	-25° / +55°	4,5 Kg

STARFIX

COMPACT POWERFUL IP67 LED LIGHT FIXTURE FOR CRUISE SHIP
INDOOR TECHNICAL SPACES

We show very good colors close to the real one's thanks to our accurate LEDs selection that combine very high CRI Color Rendering Index typically 92 within 3 Step MacAdam
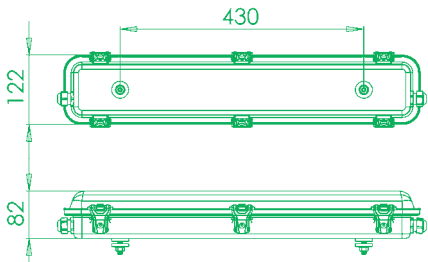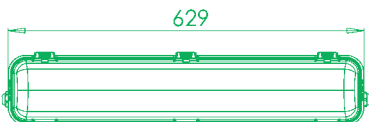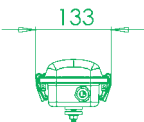

Luminous efficacy	Nominal 163 lumen / Watt
Optic diffused beam	180°
Diffuser	Anti glare opal polycarbonate flame rating V0 (UL 94 test), UV resistant
Color Rendering Index	CRI 90 (min.), 92 (typ.)
Photobiological risk group	RG0
Electric power inputs	220/240VAC/DC 50/60Hz with electronic power supply inside the fixture
Wiring	Line in and line out inside the fixture
Power factor	>0,95
Insulation	Class 1
Protection	IP67
Housing painting treatment	Galvanized steel model - primer and 70 / 80 μm glossy white polyester paint RAL9016
Mounting	Threaded pin stainless steel AISI 316L / bulkhead support stainless steel AISI 316L - White RAL 9016
LED lifetime hours	L80 B10 > 75.000 h
Driver expected lifetime	100.000 h *
International Standars compliance where applicable	IEC 60092-306; IEC 60533; EN60598-2-1
Certification	CE

*The led driver is designed for a lifetime stated above with a failure probability of less than 10%.

ATILED' Fabas Luce S.p.A.

STARFIX

Dimensions mm

629

133

430

122

82

Model	Item	Primary light			Housing Material	Working Amb. Temperature C°	Weight
		Color temp.	Lumen	Watt			
Starfix 20-629	6955-54-001	4000 K	3.065	21,5	Galvanized ceiling steel	-25° / +55°	2,4 Kg
Starfix 40-629	6955-54-002	4000 K	5.662	38	Galvanized ceiling steel	-25° / +55°	2,5 Kg

Dimensions mm
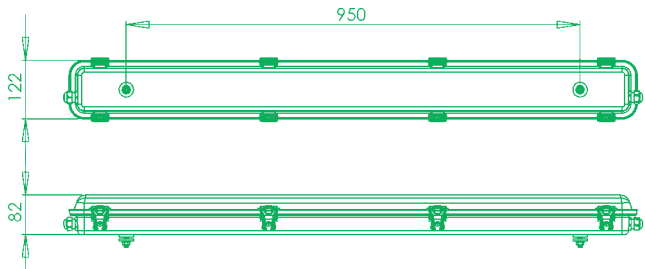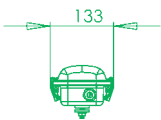
1189

133

950

122

82

Model	Item	Primary light			Housing Material	Working Amb. Temperature C°	Weight
		Color temp.	Lumen	Watt			
Starfix 40-1190	6955-54-003	4000 K	5.662	38	Galvanized ceiling steel	-25° / +55°	4,5 Kg

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

Diffuser	Clear tempered glass
Color Rendering Index	CRI >70
Electric power inputs	With electronic power supply on the fixture
Wiring	Power line connection with junction box
Power factor	>0,9
Insulation	Class 1
IP rate	IP67
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

ATILED   Fabas Luce S.p.A.

Dimensions mm

319

139

60

424

TON 100/160

Model	Item	Primary light			Optic Beam Degree	Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.	Lumen	Watt					
TON 100	6942-54-324	4000 K	13.800	105	26°	White Ral 9016	100/240 VAC	-25° / +55°	Junction box included
	6942-54-624	4000 K	13.800	105	54°	White Ral 9016	100/240 VAC	-25° / +55°	Junction box included
TON 160	6943-54-324	4000 K	19.400	160	26°	White Ral 9016	100/240 VAC	-25° / +55°	Junction box included
	6943-54-624	4000 K	19.400	160	54°	White Ral 9016	100/240 VAC	-25° / +55°	Junction box included

CE

TOR 50

HIGH EFFICIENCY COMPACT 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

124

171

400

100
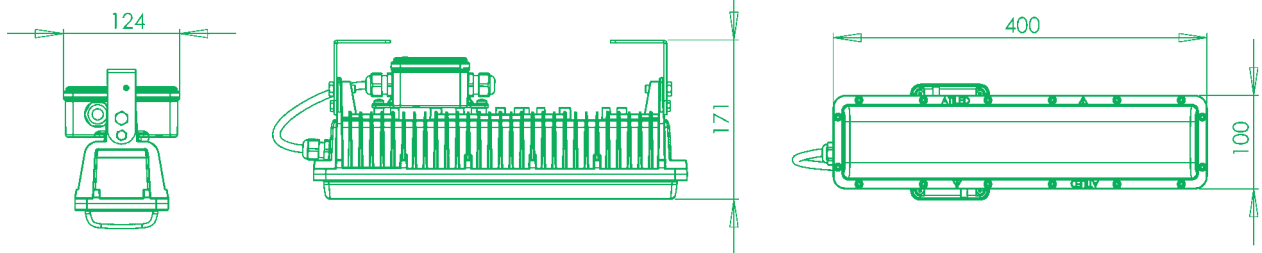
TOR 50

Model	Item	Primary light			Optic Beam	Housing	Electric Power	Working Amb.	Note
		Color temp.	Lumen	Watt	Degree	Color	inputs 50/60 Hz	Temperature C°	
TOR 50	6941-04-324	4000 K	6.500	50	21°	White Ral 9010	100/240 VAC	-25° / +55°	
TOR 50	6941-04-524	4000 K	6.500	50	45°	White Ral 9010	100/240 VAC	-25° / +55°	
TOR 50	6941-04-624	4000 K	6.500	50	65°	White Ral 9010	100/240 VAC	-25° / +55°	

CE

TVE

VERY COMPACT, VERSATILE AND POWERFUL LED LIGHT FIXTURE

TVE is strongly ruggedized and its reduced dimension are the perfect solution for bilge, escape stairs, other indoor areas and weather decks requesting reliable illumination needs.

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

ATILED   Fabas Luce S.p.A.

Dimensions mm

124

171

400

100
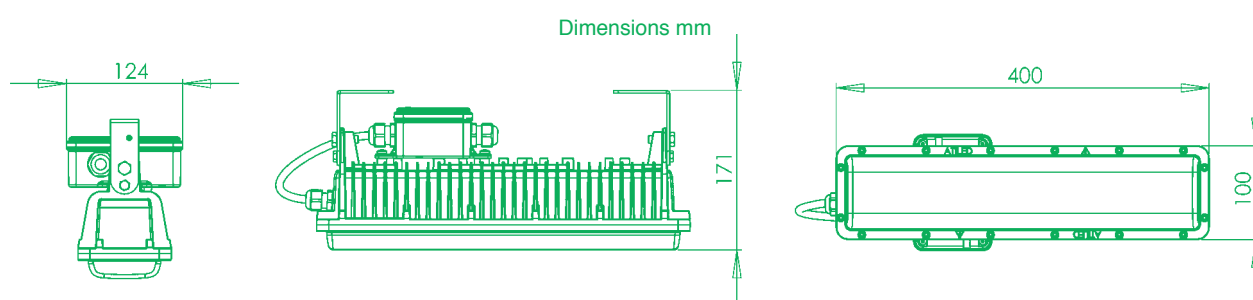
TVE

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature C°	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°	

CE

GALCOR
LED LIGHT FIXTURE INOX USPHS COMPLIANT

GALCOR ™

STAINLESS STEEL LED LIGHT FIXTURE USPHS COMPLIANT

FOR **GALLEY** AND LAUNDRY – 32W MODEL
FOR **COOL** AND **FREEZER ROOMS** – 40W MODEL
REDUCED HEIGHT ONLY 50 MM

Optic diffused beam	180°
Diffuser anti glare opal polycarbonate	Flame rating V-0 (UL 94 test), UV resistant
Photobiological risk group	RG0
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	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

ATILED Fabas Luce S.p.A.

Dimensions mm
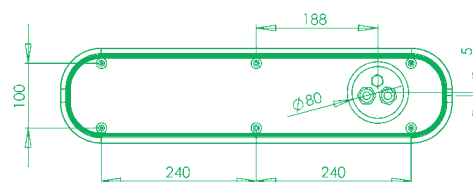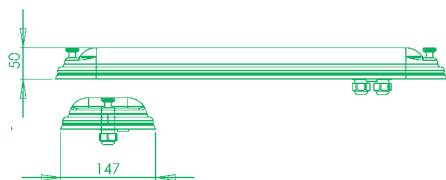
GALCOR

Model	Item	Primary light			Housing	Electric Power inputs 0/50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.*	Lumen	Watt				
GALCOR	6953-04-854	4000 K	5.250	32	Stainless steel	220/240 VAC	-25° / +45°	
GALCOR	6953-04-001	4000 K	6.030	40	Stainless steel	220/240 VAC	-40° / +30°	

*Color temperature 3000K available on request

CE

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	70
Lifetime Light at reduced luminous flux - 190 lumen	4,5 Hours
Lifetime Light at luminous flux 440 lumen	10 Hours
Battery sealed pack with active temperature monitoring and control	Nickel Metal Hydride
Battery charging time from low to max level hours	6
Battery stand by duration without power connection hours	3 months
Low safe recharging power voltage V DC	15
Insulation	Class III
IP Rate	IP67
Working ambient temperatures	-20 / +55 °C
Net Weight	1,25 Kg
International Standars	IEC 60092-306 ; IEC 60533 ; EN 60598-1

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	66
Net Weight	1,5 Kg
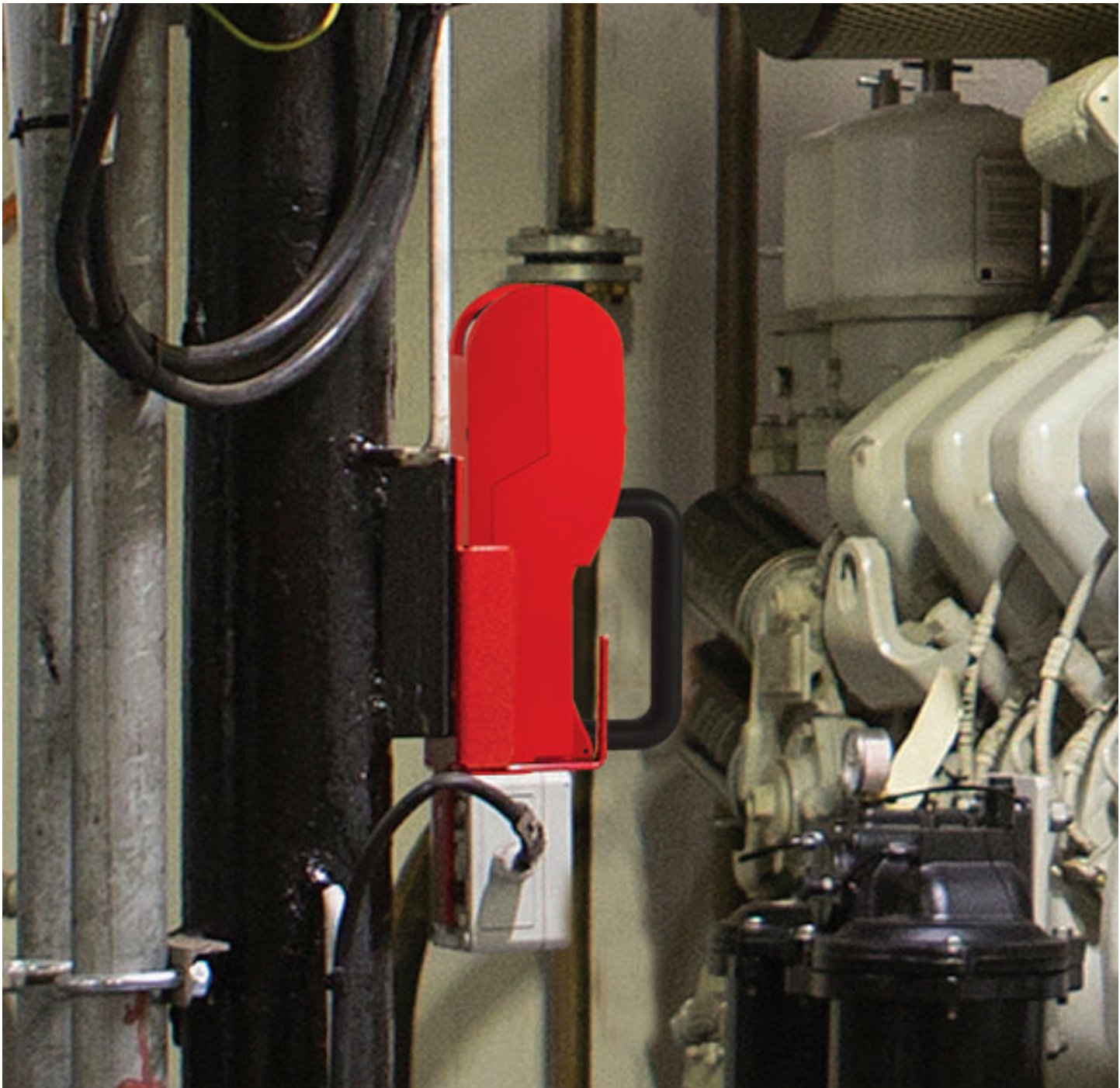
Dimensions mm
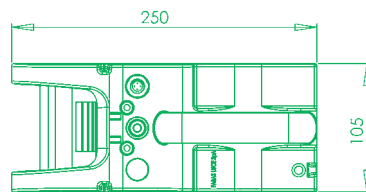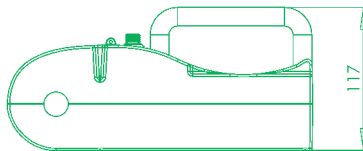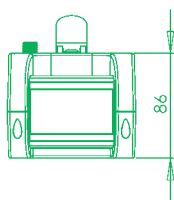
EBLAN

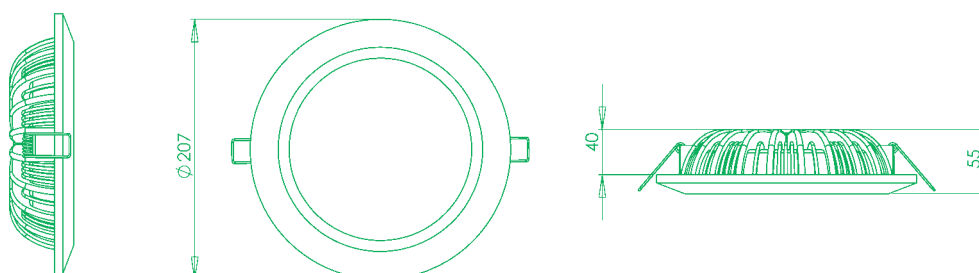| Model	Item	Primary light		Secondary light		Housing	Note
		Color temp.	Lumen	Color	Lumen	Color	
EBLAN	6923-04-001	5700 K	440	Red	-	Red - Black	
				Green	-		
	6923-04-002	Wall mounting bracket with electronic power unit box and connectorized cord					

CE

PSAR 2

RECESSED ROUND LED LIGHT FIXTURE

Suitable for offices, wardroom, messroom, bathroooms
Light colors available white warm or natural

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

ATILED Fabas Luce S.p.A.

Dimensions mm

PSAR 2

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature C°	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

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

ATILED   Fabas Luce S.p.A.

Dimensions mm
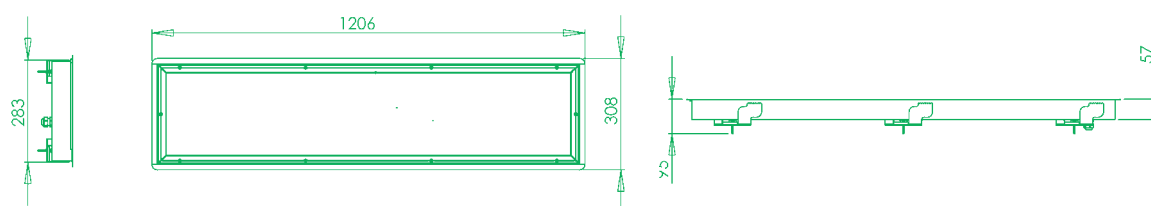
KEROS 30X120

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

CE

PEX

COMPACT EX HAZARDOUS AREA EXPLOSION PROOF
LED LIGHT FIXTURES IP66

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

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

ATILED Fabas Luce S.p.A.
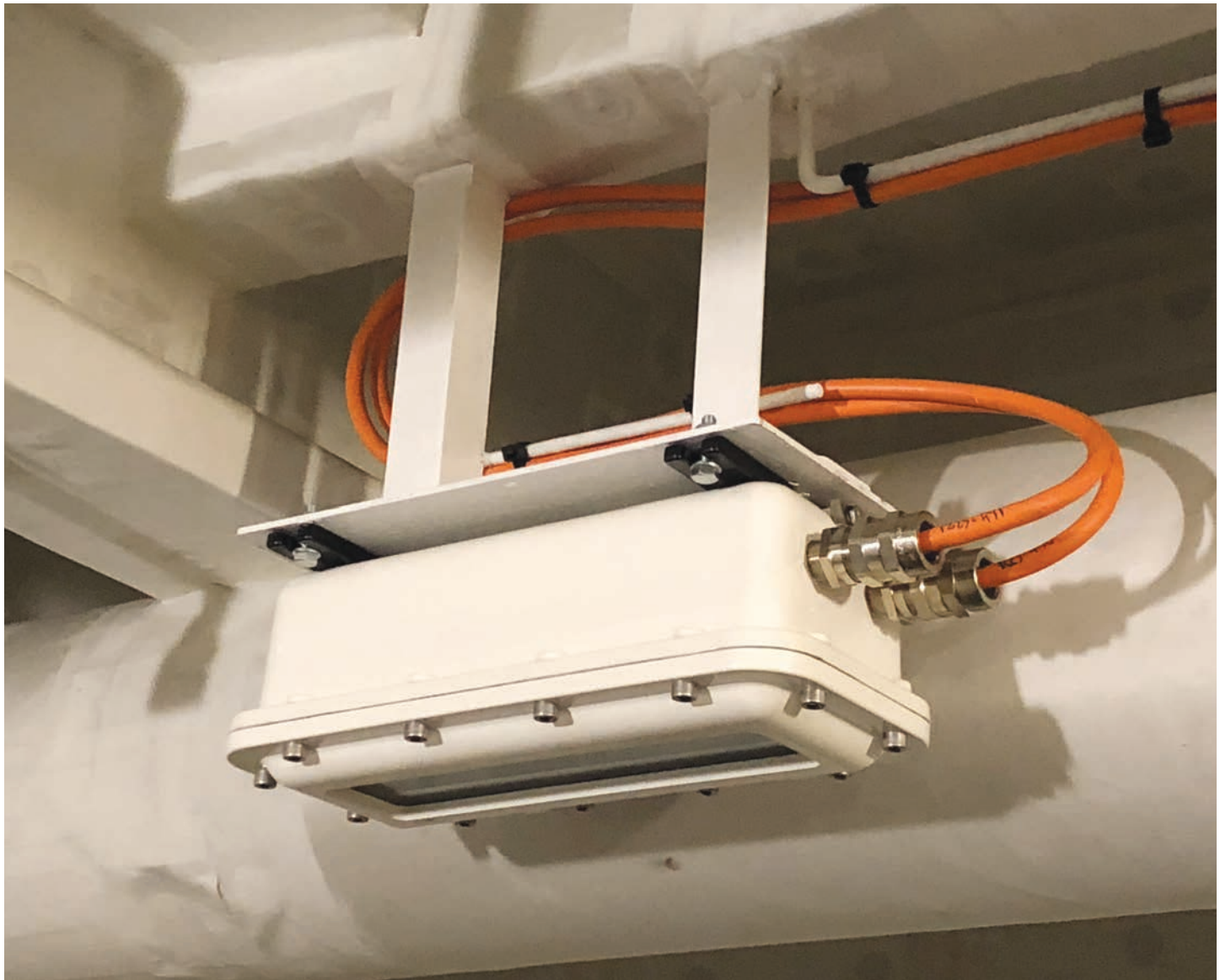
Dimensions mm
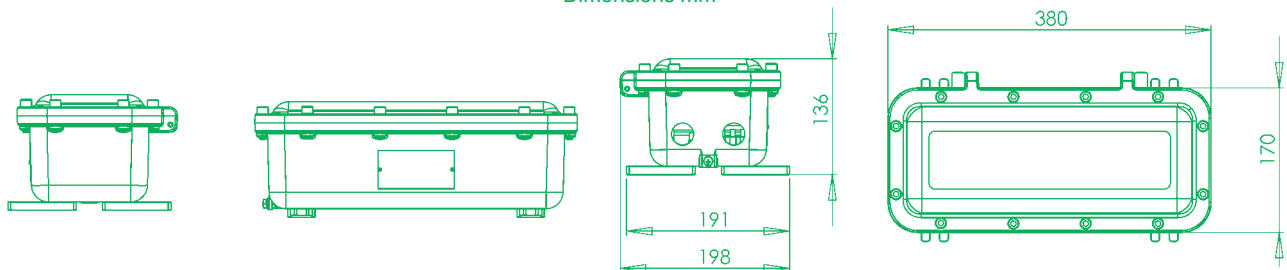
PEX

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature C°	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)

(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.

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

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
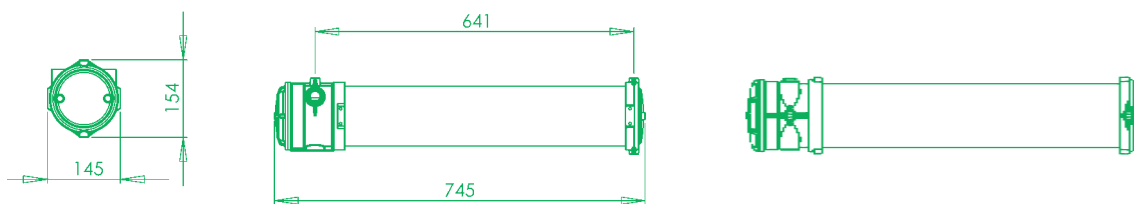
GEX

Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature C°	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.

CE

GLO

LED GLOBE WHITE NATURAL LIGHT OR COLORED LIGHT

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

Ø150   117   237   110
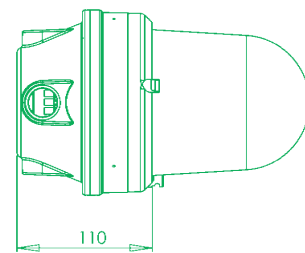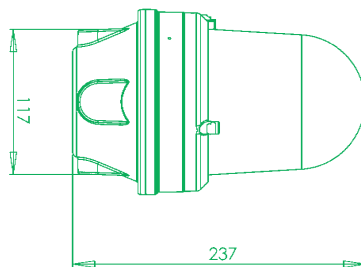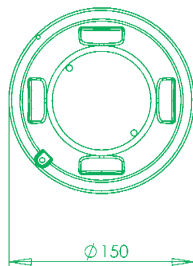
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Model	Item	Primary light			Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.	Lumen	Watt				
GLO NW	6952-94-001	4000 K	820	7	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)
GLO C	6952-96-001	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

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ACCESSORIES

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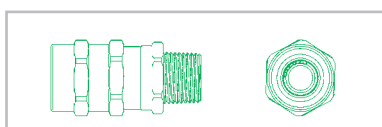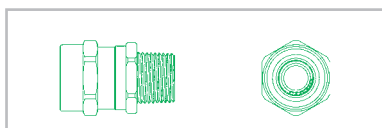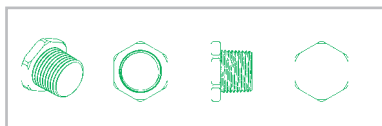|		
	6952-50-001	Protection guard inox Aisi 316
	6952-50-002	Bulkhead bracket inox Aisi 316
	6952-50-003	Ceiling bracket inox Aisi 316
	6952-50-004	Plastic cable gland 1/2" NPT for normal cable outside diameter mm 6 min / 12 Max
	6807-50-011	EX explosion proof Stopping plug 1/2" NPT marine grade brass 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
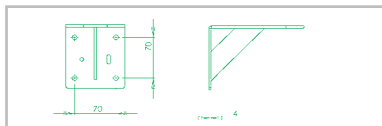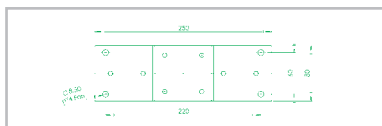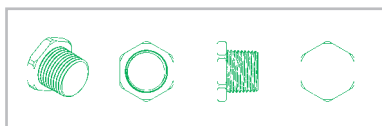
PEX-GEX
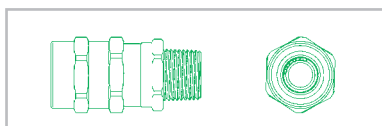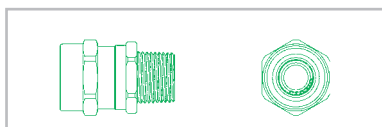
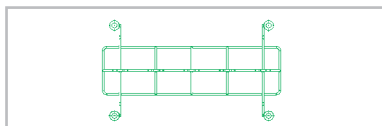|		
	6807-50-009	EX explosion proof. Marine grade brass nickel plated cable gland 1/2" NPT for ARMOURED electric cable, diameter mm 5,5 min / 13 Max under armour - 10 min / 19 Max external
	6807-50-010	EX explosion proof. Marine grade brass nickel plated cable gland 1/2" NPT for UNarmoured electric cable, 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

STARFIX
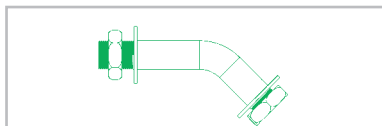
	6955-50-007	Bulkhead support stainless steel AISI 316L

NOTE

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Naval Lighting Division
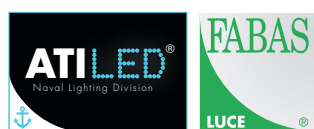
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Company profile