



MADE IN ITALY

Cruise ships LED light fixtures

Innovative and future proof
for technical spaces and open decks



naval.atiled.it



Our 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 technical 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.



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



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 continues 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 successful with its products, in Italy and in the world, respecting people and rules.





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ACCESSORIES

STARFIX

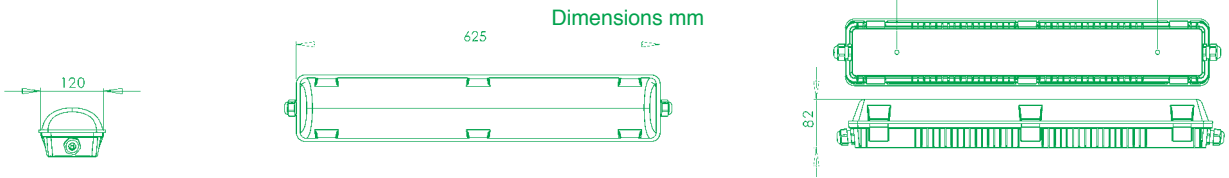
COMPACT POWERFUL IP67 LED LIGHT FIXTURE FOR CRUISE SHIP
OUTDOOR AND OPEN DECKS



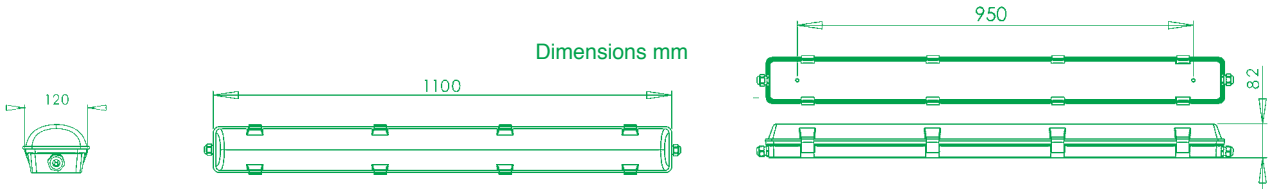
Optic diffused beam	180°
Diffuser	Opal polycarbonate flame rating V-0 (UL 94 test), UV resistant
Photobiological risk group	RG0
System lifetime hours	L80 B10 >75.000 hours
Color Rendering Index	CRI 85
Electric power inputs	With electronic power supply inside the fixture
Wiring	Line in and line out inside fixture
Power factor	>0,9
Insulation	Class 1
IP rate	IP67
Housing	Stainless steel AISI 316L
Fixing	Ceiling or wall with 2xM8 stainless steel studs
Clips	Stainless steel
International Standars	CE



STARFIX



Model	Item	Primary light			Housing Color	Electric Power inputs 0/50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.	Lumen	Watt				
STARFIX	6955-54-101	4000 K	2.625	18	White Ral 9016	220/240 VAC	-25° / +55°	Bulkhead support (1)
	6955-54-201	4000 K	2.625	18	White Ral 9016	220/240 VAC	-25° / +55°	
	6955-54-102	4000 K	5.250	32	White Ral 9016	220/240 VAC	-25° / +45°	Bulkhead support (1)
	6955-54-202	4000 K	5.250	32	White Ral 9016	220/240 VAC	-25° / +45°	



Model	Item	Primary light			Housing Color	Electric Power inputs 0/50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.	Lumen	Watt				
STARFIX	6955-54-103	4000 K	5.250	32	White Ral 9016	220/240 VAC	-25° / +55°	Bulkhead support (1)
	6955-54-203	4000 K	5.250	32	White Ral 9016	220/240 VAC	-25° / +55°	

(1) Not included to be ordered separately



STARFIX

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

Starfix™

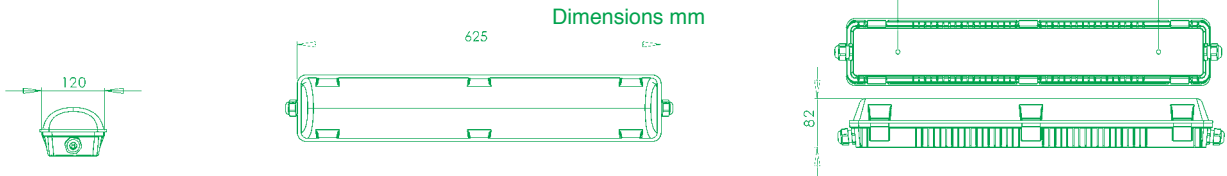


Optic diffused beam	180°
Diffuser	Opal polycarbonate flame rating V-0 (UL 94 test), UV resistant
Photobiological risk group	RG0
System lifetime hours	L80 B10 >75.000 hours
Color Rendering Index	CRI 85
Electric power inputs	With electronic power supply inside the fixture
Wiring	Line in and line out inside fixture
Power factor	>0,9
Insulation	Class 1
IP rate	IP67
Housing	Galvanised steel
Fixing	Ceiling or wall with 2xM8 stainless steel studs
Clips	Stainless steel
International Standars	CE

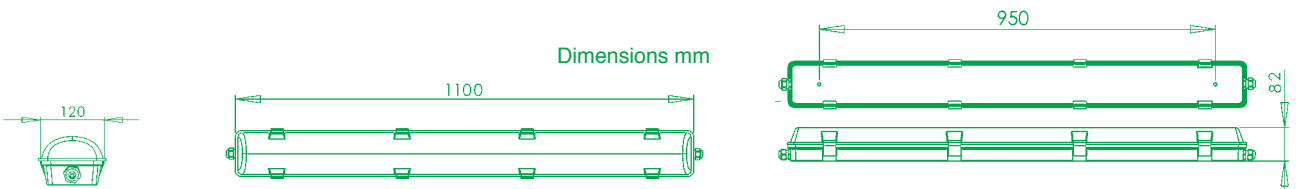




STARFIX



Model	Item	Primary light			Housing Color	Electric Power inputs 0/50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.	Lumen	Watt				
STARFIX	6955-54-001	4000 K	2.625	18	White Ral 9016	220/240 VAC	-25° / +55°	
	6955-54-002	4000 K	5.250	32	White Ral 9016	220/240 VAC	-25° / +45°	



Model	Item	Primary light			Housing Color	Electric Power inputs 0/50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.	Lumen	Watt				
STARFIX	6955-54-003	4000 K	5.250	32	White Ral 9016	220/240 VAC	-25° / +55°	



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

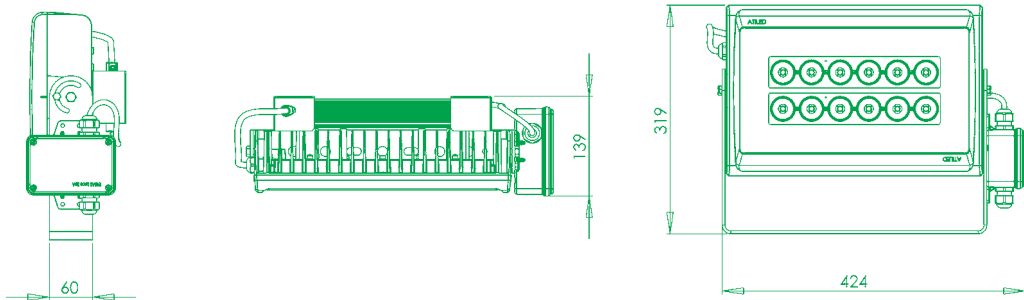
On request different housing color and light temperature color



Diffuser	Clear tempered glass
Color Rendering Index	CRI >70
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	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 Standards, compliance where applicable	IEC 60092-306; IEC 60533; EN 60598-1



Dimensions mm



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 A	6942-54-624	4000 K	13.800	105	54°	White Ral 9010	100/240 VAC	-25° / +55°	Junction box included
TON 160 A	6943-54-624	4000 K	19.400	160	54°	White Ral 9010	100/240 VAC	-25° / +55°	Junction box included



TOR 50

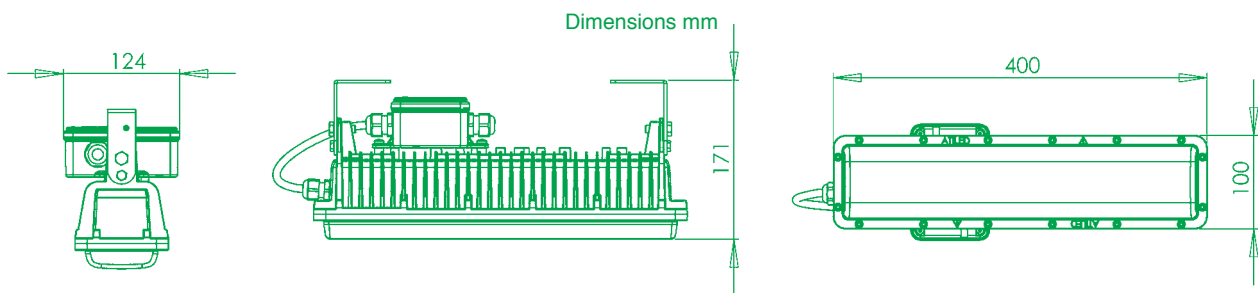
HIGH EFFICIENCY COMPACT LED FLOOD LIGHT

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



TOR 50

Model	Item	Primary light			Optic Beam Degree	Housing Color	Electric Power inputs 50/60 Hz	Working Amb. Temperature C°	Note
		Color temp.	Lumen	Watt					
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

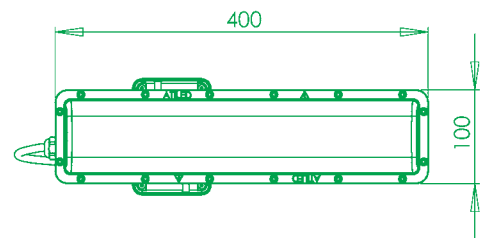
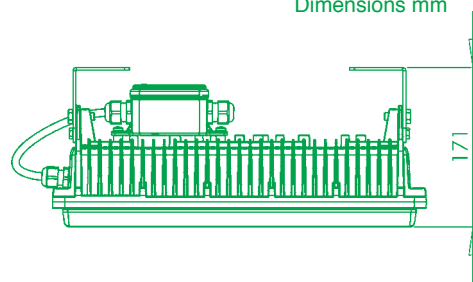
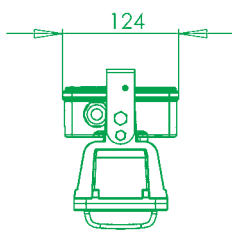
Perfect solution for many different indoor and weather decks illumination needs.



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



Dimensions mm



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°	





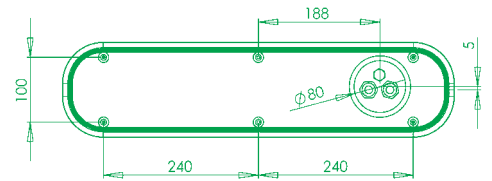
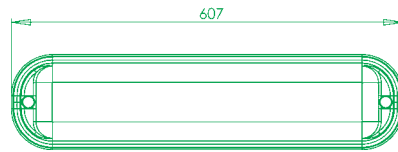
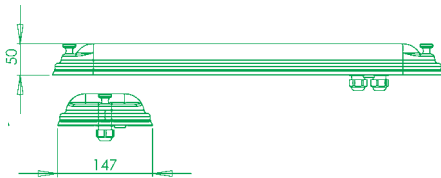
STAINLESS STEEL LED LIGHT FIXTURE USPHS COMPLIANT
FOR **GALLEY**, **COLD** AND **FREEZER ROOMS**



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 Standards	CE, USPHS compliant



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°	



EBLAN

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

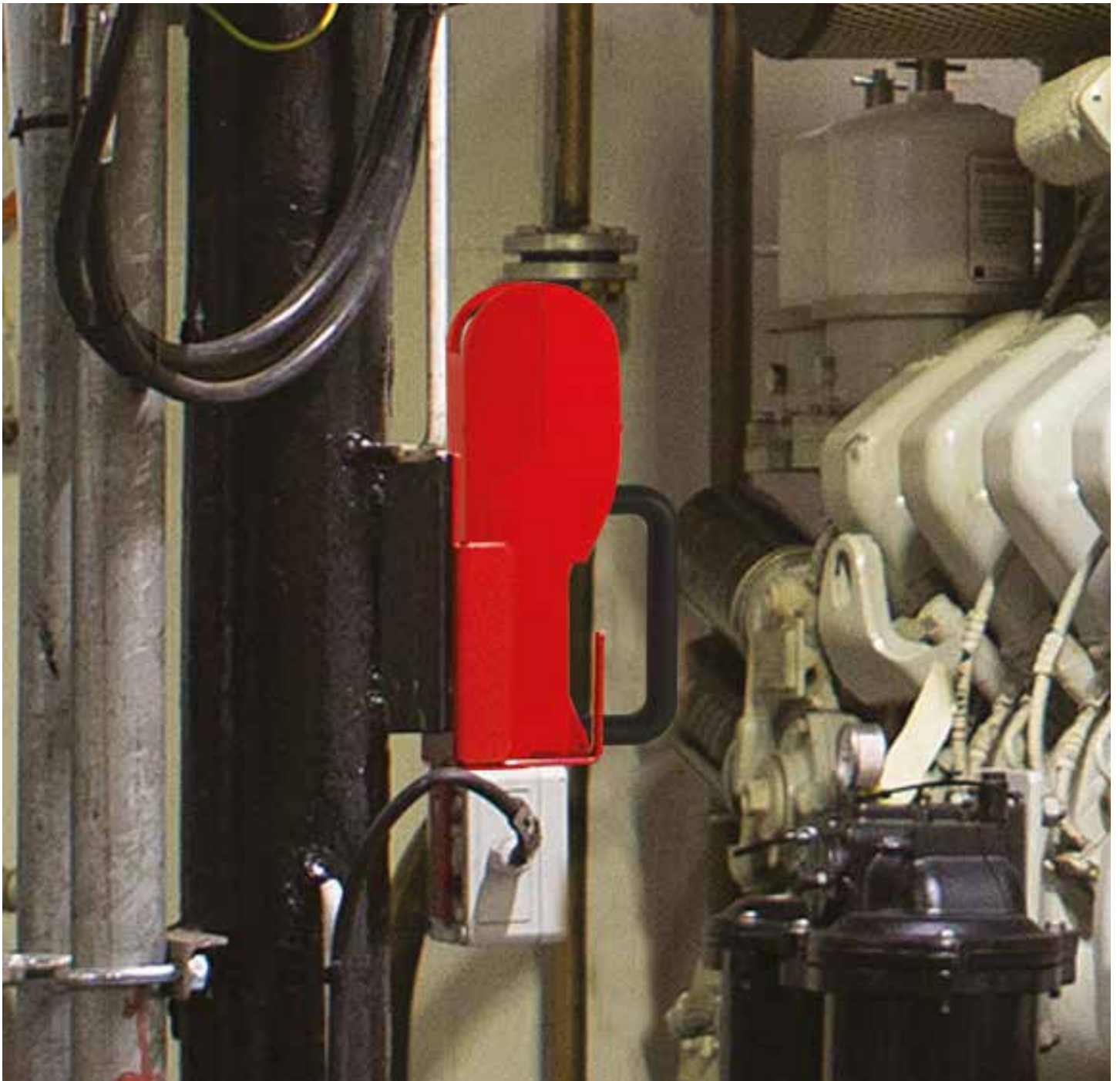
Two LEDs wide or narrow beam, high or low intensity white light that in case of blackout last for 10 hours



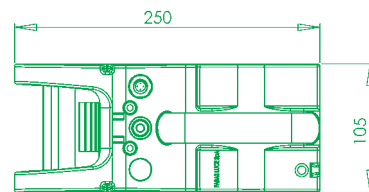
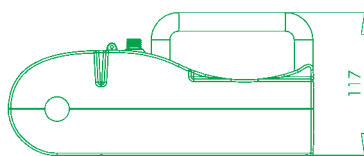
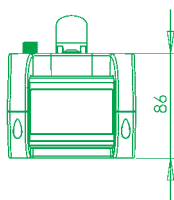
Color Rendering Index CRI	70
Lifetime Light at reduced luminous flux - 190 lumen	4,5 Hours
Lifetime Light at luminous flux 440 lumen	10 Hours
Battery sealed pack with active temperature monitoring and control	Nickel Metal Hydride
Battery charging time from low to max level hours	6
Battery stand by duration without power connection hours	4 weeks
Low safe recharging power voltage V	15
Insulation	Class III
IP Rate	IP67
Working ambient temperatures	-20 / +55 °C
Net Weight	1,25 Kg
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	66
Net Weight	1,5 Kg



Dimensions mm



EBLAN

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

CE

PSAR 2

RECESSED ROUND LED LIGHT FIXTURE

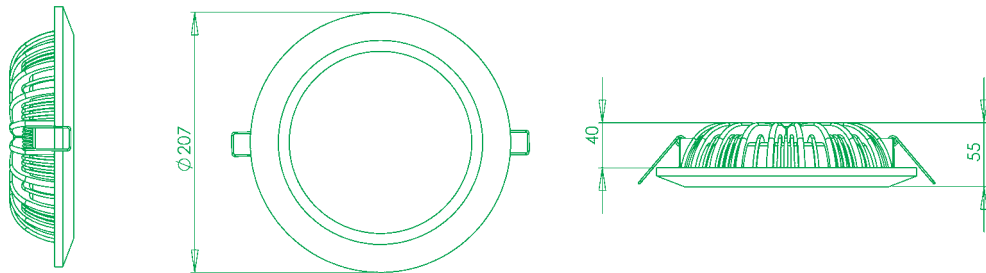
Suitable for offices, wardroom, messroom, bathrooms
Light colors available white warm or natural



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



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°	DALI dimmable
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°	



KEROS 30X120

HOSPITAL AREAS, SURGERY ROOMS

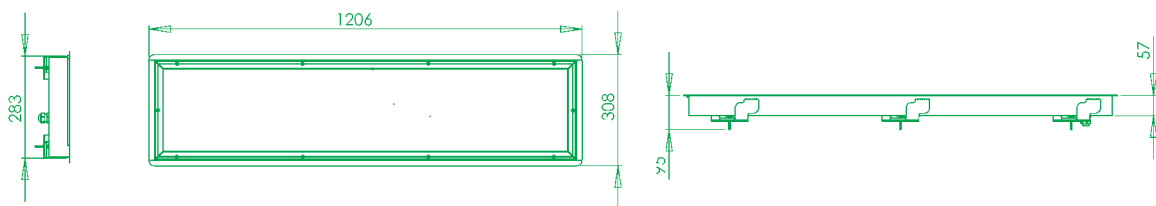
Recessed LED light fixture IP65 - in both front and rear fixture sides



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 C°	Note
		Color temp.	Lumen	Watt				
KEROS dark IP65	6740-04-005	4000 K	5200	45	White	220/240 VAC	-20° / +45°	



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

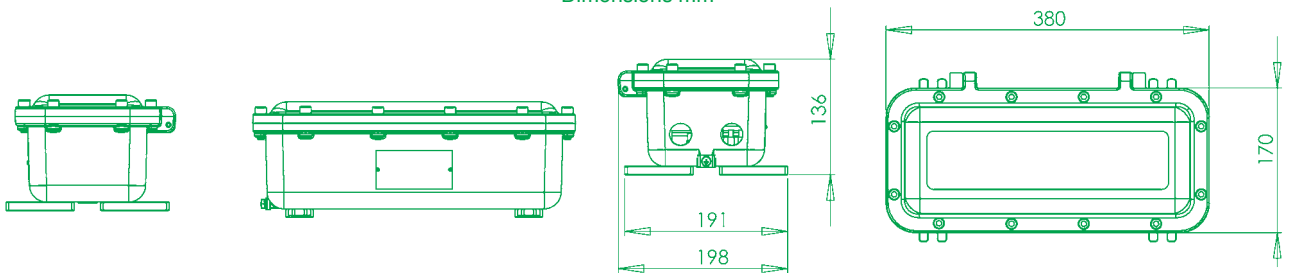
II 2 D Ex tb IIIC T100°C Db



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 Standards, 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 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

Installation: Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

Classification: Group II - Category 2G / 2D

Execution:

II 2 G Ex d IIC T6 Gb

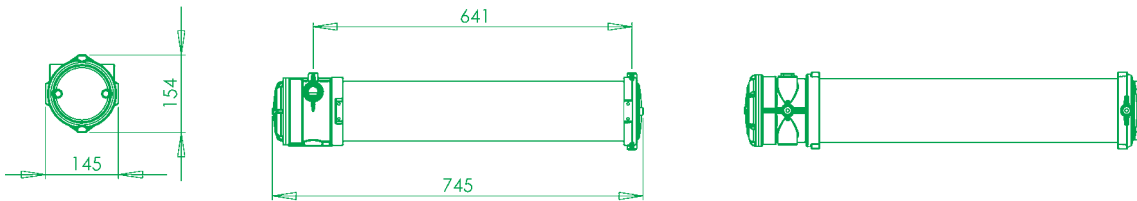
II 2 D Ex tb IIIC T85°C Db



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 Standards, 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

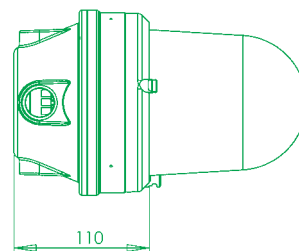
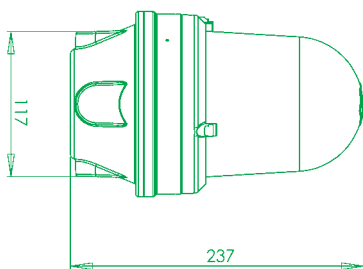
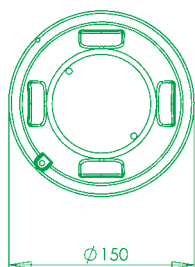
The LED light color is switchable in: red, green, blue and orange



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 C°	Note
		Color temp.	Lumen	Watt				
GLO NW GLO C	6952-94-001	4000 K	820	7	Grey Ral 7040	100/240 VAC	-25° / +55°	Through wiring - 2 holes (1)
	6952-96-001	Red, Blue, Green, Orange	-	7	Grey Ral 7040	100/240 VAC	-25° / +55°	

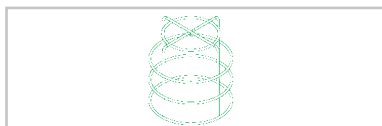
(1) Not included two plastic cable glands to be ordered separately,
The last fixture on the line require brass nickel plated stopping plug to blank off unused entry.

Protection guard inox AISI 316



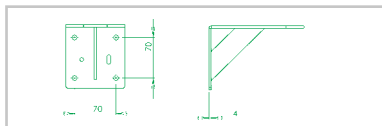
ACCESSORIES

GLO



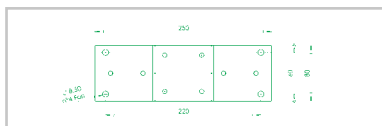
6952-50-001

Protection guard inox Aisi 316



6952-50-002

Bulkhead bracket inox Aisi 316



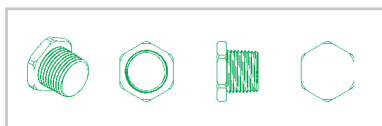
6952-50-003

Ceiling bracket inox Aisi 316



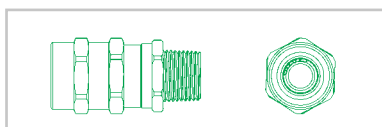
6952-50-004

Plastic cable gland 1/2" NPT
for normal cable outside diameter mm 6 min / 12 Max



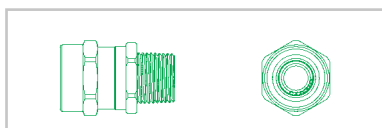
6807-50-011

EX explosion proof
Stopping plug 1/2" NPT marine grade brass nickel plated



6807-50-009

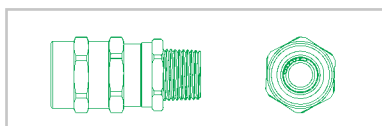
EX explosion proof
Marine grade brass nickel plated cable gland 1/2" NPT
for ARMoured electric cable, diameter mm
5,5 min / 13 Max under armour - 10 min / 19 Max external



6807-50-010

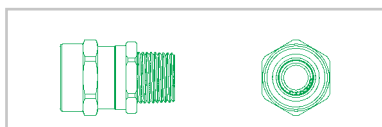
EX explosion proof
Marine grade brass nickel plated cable gland 1/2" NPT
for UNarmoured electric cable, external diameter mm 5,5 min / 13 Max

PEX-GEX



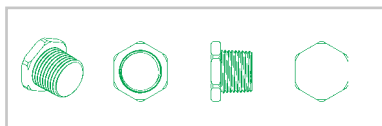
6807-50-009

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



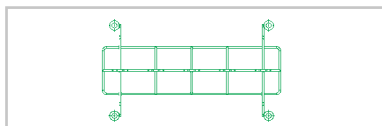
6807-50-010

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

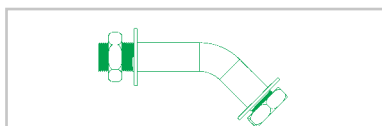
EX explosion proof.
Stopping plug 1/2" NPT marine grade brass nickel plated



6907-59-013

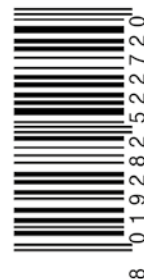
Protection guard inox Aisi 316 for glass diffuser explosion proof led fixture mod. PEX

STARFIX



6955-50-007

Bulkhead support stainless steel AISI 316L



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Company profile