

NAVAL LED light fixtures





OVER THE YEARS, **STEFANO AND DONATELLA GIBERTI** AND **FABIO CASTELLI** HAVE CHANGED THE FACE OF THE COMPANY. THIS HAS RESULTED IN CONTINUOUS EXPANSION IN THE NATIONAL AND INTERNATIONAL LIGHTING MARKET. TODAY, THE HEADQUARTERS OF FABAS LUCE IS A LARGE FACTORY WITH A **STATE-OF-THE-ART LOGISTICS SYSTEM**, WITH SPECIAL SENSITIVITY TOWARDS ENERGY SAVING AND ENVIRONMENTAL SUSTAINABILITY. NEVERTHELESS, INCREASED PRODUCTIVITY HAS NOT AFFECTED THE PROFOUND **SENSE OF ETHICS** DESIRED BY THE OWNERS AND THE AIM OF FABAS LUCE IS ALWAYS THE SAME: TO CONTINUE TO BE SUCCESSFUL WITH ITS PRODUCTS IN ITALY AND AROUND THE WORLD, WITH RESPECT FOR PEOPLE AND REGULATIONS.



FIND OUT MORE

ATILED NAVAL IS THE FABAS LUCE DIVISION THAT DESIGN AND MANUFACTURE IN ITALY THE MOST COMPREHENSIVE AND INNOVATIVE RANGE OF **LED LIGHT FIXTURES AND FLOOD LIGHTS THAT ARE SPECIFICALLY CONCEIVED FOR CONTINUOUS DUTY TO ILLUMINATE THE MODERN MILITARY AND CRUISE SHIPS.**

WE HAVE THE PERFECT MIX OF VERY HIGH LUMINOUS FLUX AND EFFICIENCY, REDUCED DIMENSION AND WEIGHT, LOW CONSUMPTION FOR EFFECTIVE ENERGY SAVING AND MANY YEARS AT NO MAINTENANCE.

OUR LIGHT FIXTURES HAVE THE BEST TECHNICAL AND MANUFACTURING FEATURES CERTIFIED BY THE COMPLIANCE TO THE MOST RIGOROUS TECHNICAL REGULATIONS APPLIED IN THE MARITIME FIELD.

OUR LIGHT FIXTURES RANGE IS VERY WIDE BUT WE ARE ALWAYS OPEN TO EVALUATE CUSTOMER SPECIFIC NEEDS TO REALIZE TAILORED LED LIGHT SOLUTION.



WATCH THE VIDEO

ON OUR LED LIGHT FIXTURES WE HAVE EXECUTED AND PASSED (WITHOUT THE USE OF RESILIENT MOUNTING HARDWARE) THE HIGH IMPACT SHOCK TEST ACCORDING TO MIL S 901 D AND WE GOT THE TOP CLASSIFICATION AS:

GRADE A
CLASS I
TYPE A



NAVAL LED light fixtures

more than 30.000 supplied
in the last 5 years

ZERO REMARKS or FAILURES

after more than 35.000 hours of continuous duty



Designed and made in Italy

**ON NAVAL MARKET
OUR WIDE LED LIGHT FIXTURES RANGE
THAT FULFILL COMBATANT
SHIP REQUIREMENTS
HAVE THE BEST VALUE FOR MONEY**



TVE

VERSATILE AND MULTIPLE FUNCTIONS IN THE SAME TYPE REDUCED DIMENSION LED LIGHT FIXTURE

TVE is sturdy general purpose LED lighting fixture is available in more than 50 different versions. Its reduced dimension and weight make easy to install even in quite "busy" ceiling full of hoses, pipes and ducts in ship machinery spaces.

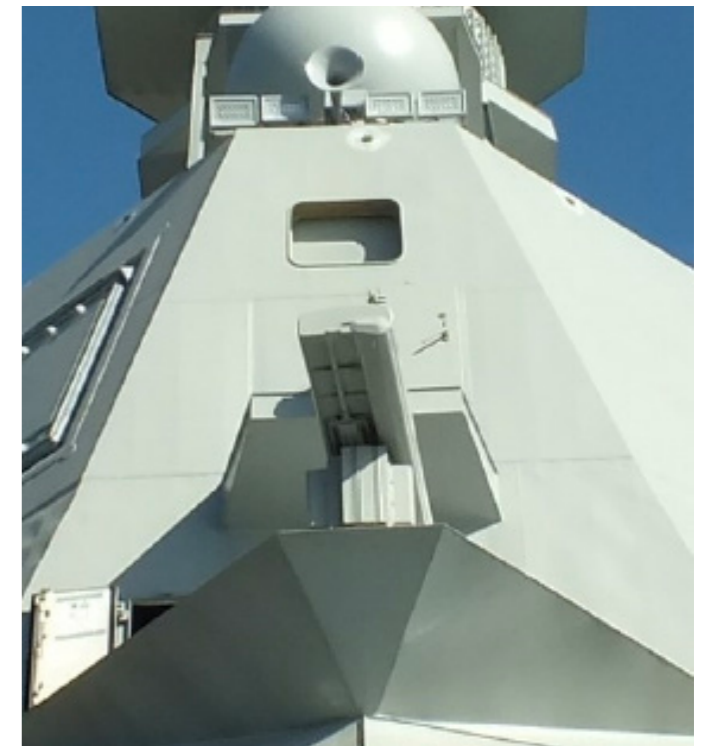


TON

POWERFUL LED FLOODLIGHTS

TON is a powerful LED floodlight available with different:

- luminous beam: narrow, medium or wide
- light colors: white, red, blue, green



EBLAN

PORTABLE EMERGENCY LED BATTLE LANTERN WITH RECHARGEABLE BATTERY FLOATING IP67 – SHOCK PROOF



INTERNATIONAL STANDARDS TEST PERFORMED AND PASSED

IEC 60092-306: 2009 publication Electrical installations in ship Part 306: Equipment - Luminaires and lighting accessories

IEC 60533-2015 publication Electromagnetic compatibility (EMC) approved for "Bridge and deck zone" the best category

EBLAN with no use of resilient mounts has executed and passed the MIL-S 901D: 1989 High Impact Shock Test Shipboard Equipment and is classified as "Grade A Class I Type A" the best category

LED LIGHT FIXTURES FOR HAZARDOUS AREAS AND EXPLOSIVE ATMOSPHERE

PEX white light, option together with red, green or blue,

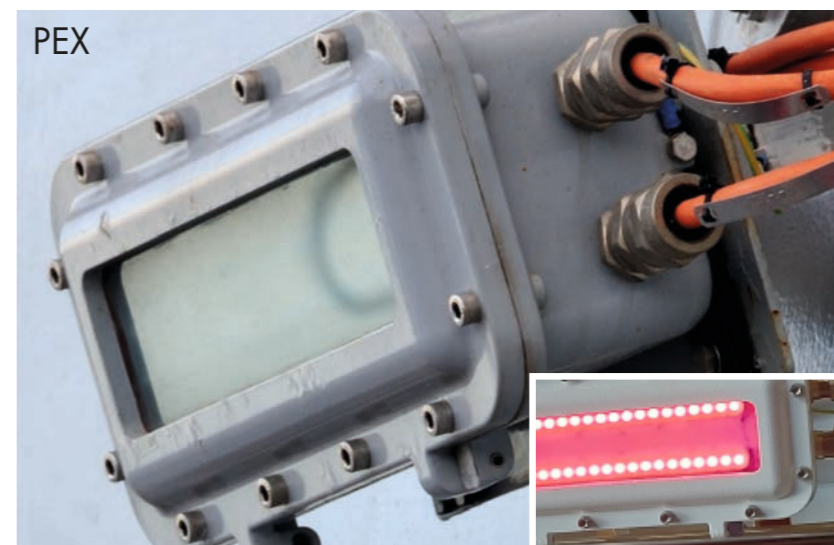
GEX white light

GLOBE white light, option red, green, blue, amber colors

GEX



PEX

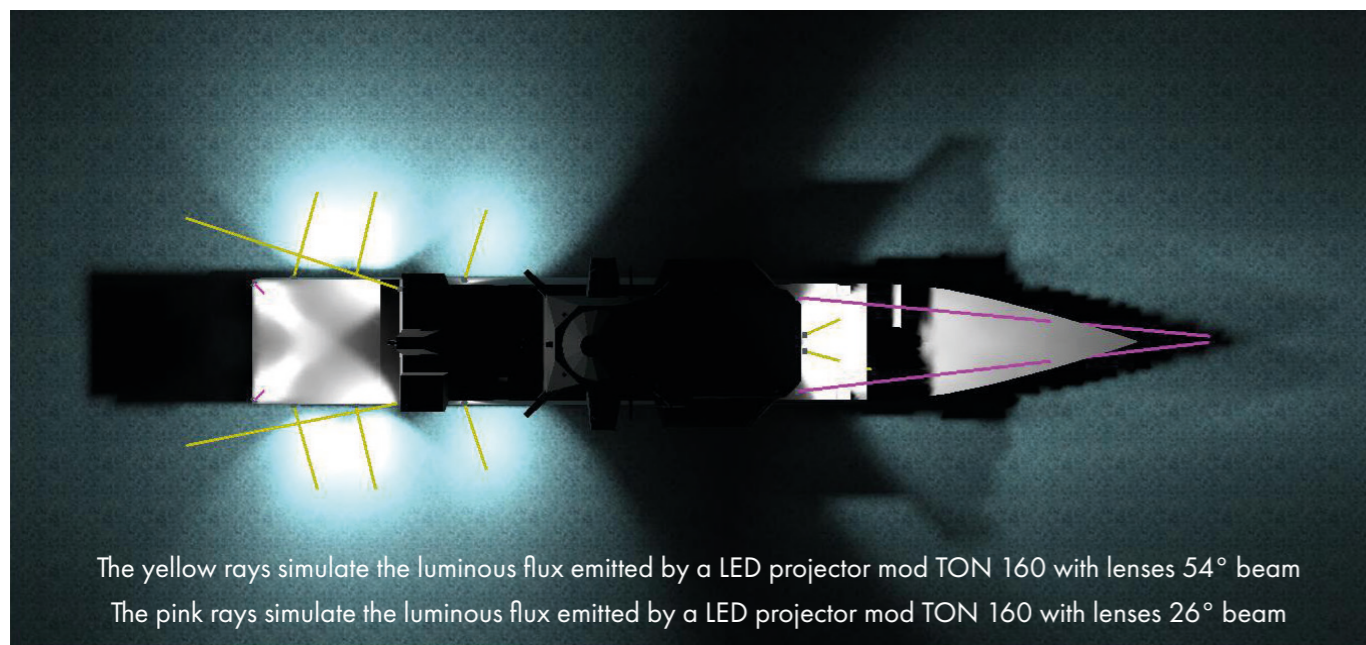


GLOBE

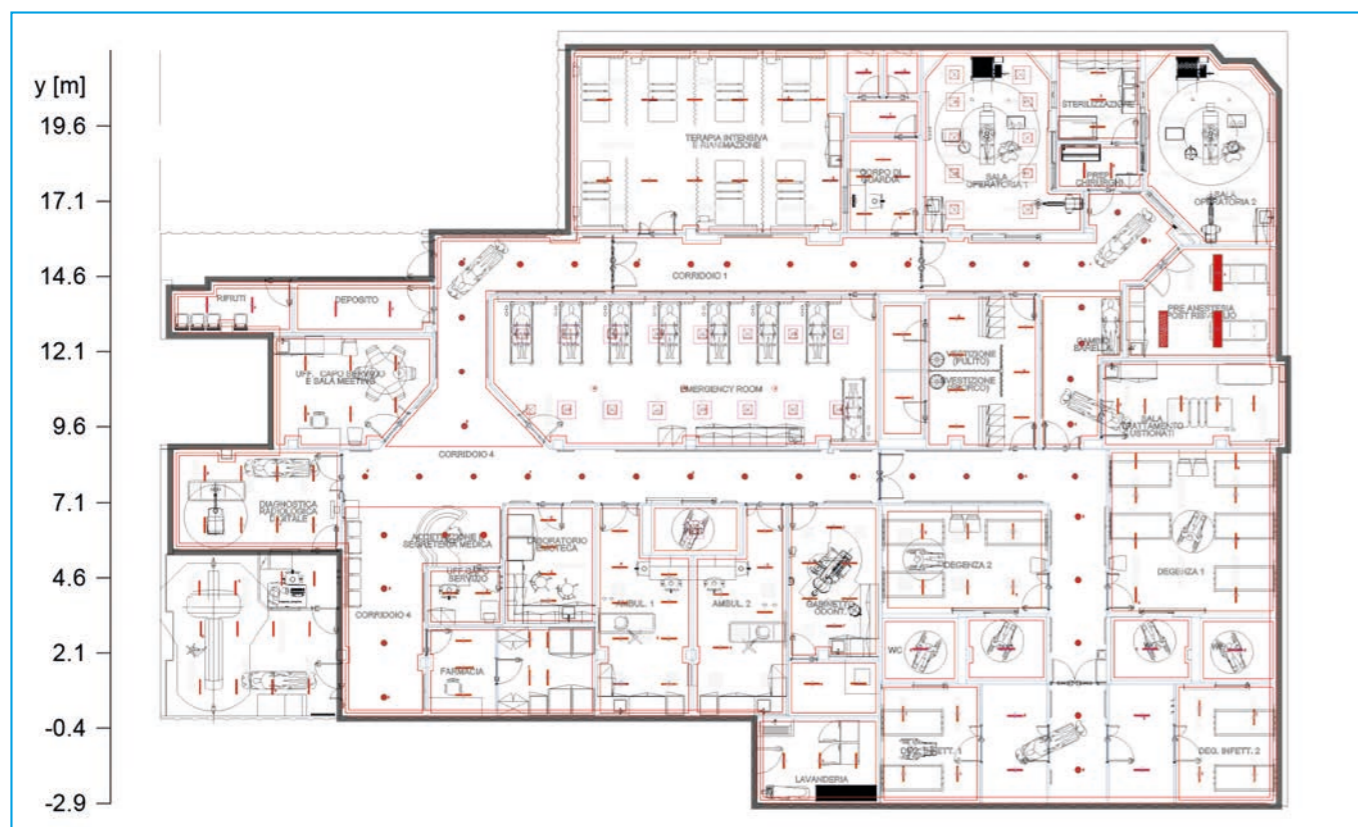


LIGHTING DESIGN

Stern and bow manoeuvring areas and sea portion surrounding the fast 65m OPV ship illuminated by TON LED flood light

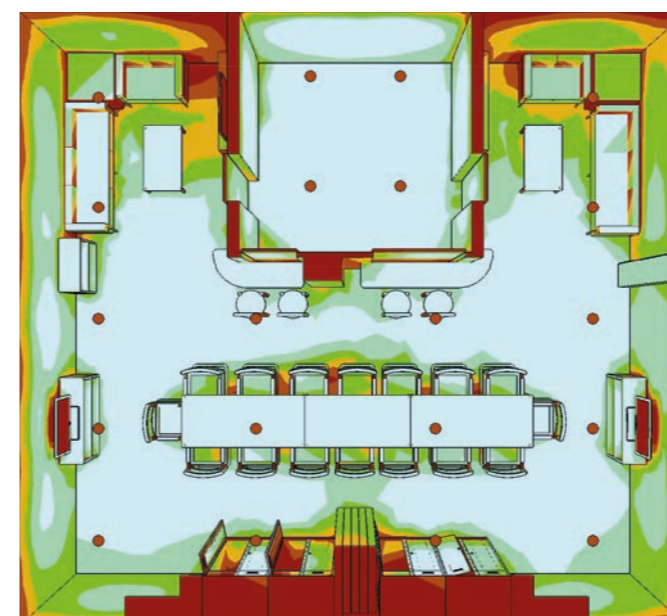
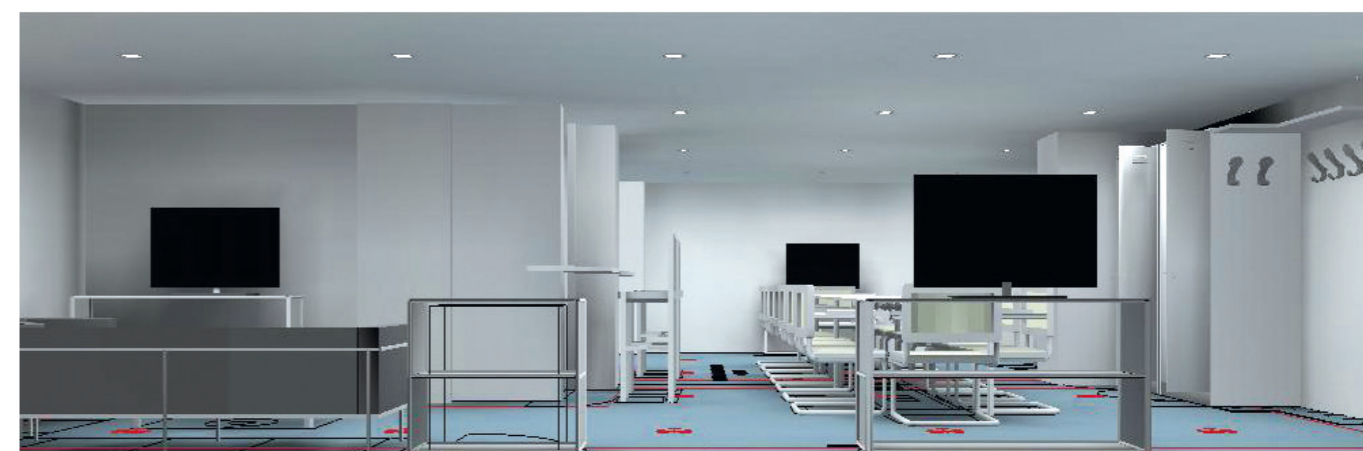


Role 2E NATO standard hospital on LHD navy ship

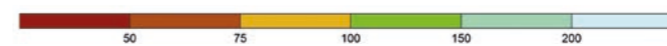


RENDERING AND LIGHTING DESIGN

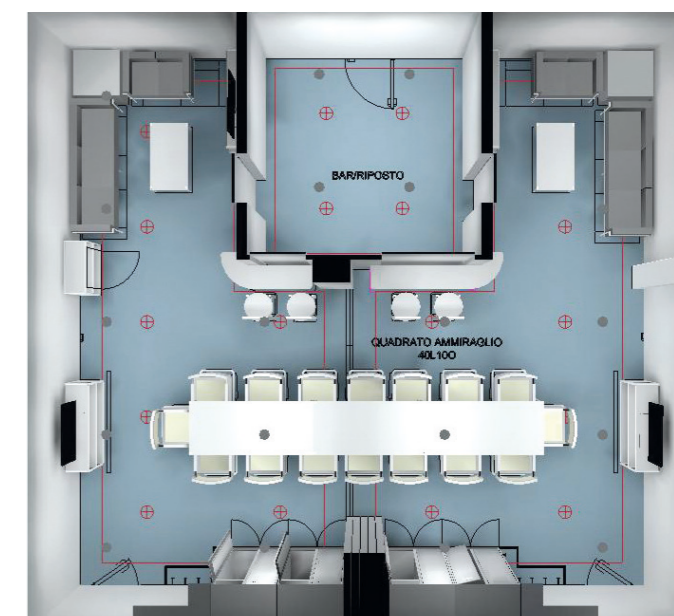
Admiral meeting room on LHD navy ship



luminous flux



LUX color scale



THE NAVY SHIPS WE SUPPLIED WITH OUR LED LIGHT FIXTURES

LSS Logistic Support Ship - 176 m - 27.000 ton



FREMM frigate 145 m - 6.900 ton



U212 Submarine
57 m - 1.500 ton



PPA multipurpose offshore patrol vessel
143 m - 6.000 ton



LHD Landig Helicopter Dock
214 m - 33.000 ton



Corvette
107 m - 3.250 ton



REFERENCE LIST

years beginning - end	Owner	number of ships	type
2025 - TBD	Italian Navy	4	Submarine U212 - NFS
2024 - 2026	Italian Navy	1	NIOM Hydro Oceanographic Ship
2024	Italian Navy	1	SDO SuRS - Special and Diving Operations - Submarine Rescue Ship
2024 - TBD	Italian Navy	12	Mine hunter
2023 - TBD	Italian Navy	2	LSS Logistic Support Ship (Vulcano sisters ship)
2023 - TBD	Guardia Costiera Italiana (Coast Guard)	1	New 90m patrol boat (Dattilo class) + 2 options
2023 - TBD	Qatari Navy	2	47 m Fast Attack Craft
2022 - 2023	Italian Navy	2	FREMM frigates
2022 - TBD	Belgium, France, Holland navies	22	MCMV Mine Counter Measures Vessel
2022	Qatari Navy	1	LPD Landing Platform Dock
2022	Italian Navy	1	Sail training school nave Palinuro
2021 -TBD	Guardia di Finanza (sea police)	7	Coastal Patrol Vessel 44m
2021	Italian Navy	1	LHD Landing Helicopter Dock "Trieste" ship
2020 - 2023	Italian Navy	1	Air carrier "Cavour" ship
2019 - 2023	Italian Navy	4	Submarine U212
2019 -2021	Qatari Navy	2	OPV offshore Patrol Vessel
2019 - 2022	Qatari Navy	4	Multimission corvette
2018 - 2027	Italian Navy	7	PPA Offshore multimission Patrol boat 143m
2018 - 2020	Italian Navy	2	UNPAV high speed multipurpose patrol vessel 44m
2017	Italian Navy	1	LSS Logistic Support Ship "Vulcano"
2016	Venezuelan Navy	1	U 209 submarine
2016	Italian Navy	1	Sail training school ship "Amerigo Vespucci"
2015 - 2021	Algerian Naval Force	3	Mine hunter
2014	Algerian Naval Force	1	LPD Landing Platform Dock

VERY WIDE RANGE OF LED NAVAL LIGHT FIXTURES DESIGNED AND PRODUCED HAVING IN MIND THE REAL COMBACTANT NAVY SHIP NEEDS

We have the complete well proven LED light fixture ship set for: technical spaces, weather deck, living areas, EX explosion proof areas, NVG Night Vision Google compatible, flood lights.

The fixtures we produce are the second generation of our genuine "native" LED lights carefully built for naval use. We design the housing around a specific purpose LED board also conceived by us, in order to obtain the desired amount of luminous flux (lux) and best performances.

The results are top quality extremely robust LED lights fixtures that assure many benefits on board of navy ships: very high performances, compact dimensions, reduced weight and energy consumption, almost maintenance free.

Our rugged LED light fixtures are the best and perfect combinations for marine harsh environment and modern Navy ships where the space on board is very scarce due to continuous increase of different equipments installed.

Fabas Luce spa is solid and reliable family owned company with more than 40 years of experience in international lighting market Read more on "Fabas Luce spa company profile" in English at link

<http://naval.atiled.it/en/company-profile.html>

Turnover average in the last 3 years Euro 11 million

Direct employees 45 - Indirect employees 105

Italy Headquarter 10.000 square meter

Export rate 80% circa

Since 2007 we have our daughter company in Germany: FABAS LUCE GmbH

OUR WIDE RANGE WELL PROVEN ON SHIPS AT SEE OF NAVAL LED LIGHT FIXTURES

NVG compatible models available LED light colors: Red, White, Blue, Green
Compliant to "Stage 3 NVD compatible" NATO standard MPP-02 -
NVG Night Vision Device/Goggles



TON 100/160

HIGH EFFICIENCY LED
FLOODLIGHT IP67



TOR 50

HIGH EFFICIENCY COMPACT
LED FLOODLIGHT



TVE

VERY COMPACT, VERSATILE
AND POWERFUL LED LIGHT
FIXTURE



TVE-CR

2 INDEPENDENT LED LIGHTS
WHITE + RED OR BLUE,
OPTION SWITCH FOR COLOR
SELECTION



GALCOR

LED LIGHT FIXTURE INOX
USPHS COMPLIANT IP67



STARFIX

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



PSAR 2

RECESSED ROUND
LED LIGHT FIXTURE



KEROS
30X1200

HOSPITAL AREAS,
SURGERY ROOMS



PEX

COMPACT EX HAZARDOUS
AREA EXPLOSION PROOF LED
LIGHT FIXTURES IP66



GEX

POWERFUL AND COMPACT EX
HAZARDOUS AREA
EXPLOSION PROOF LED LIGHT
FIXTURES



GLO

LED GLOBE WHITE NATURAL
LIGHT OR COLORED LIGHT

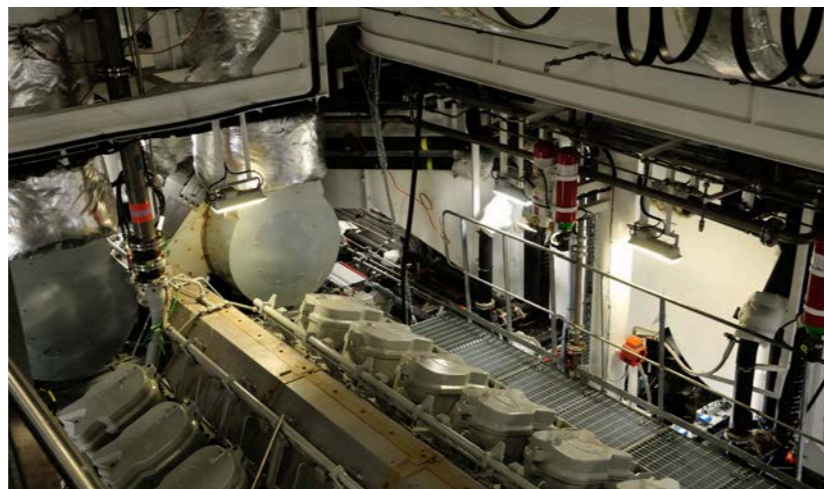
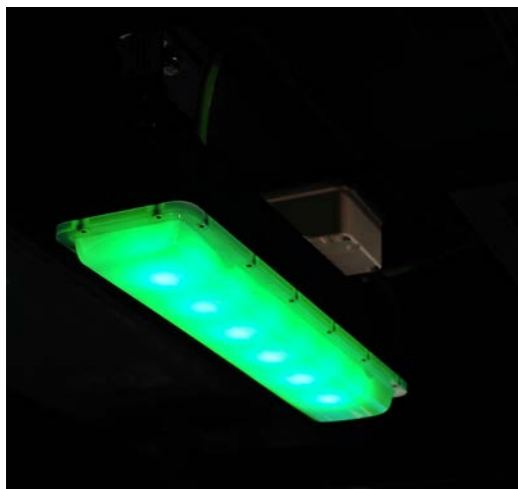


EBLAN

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



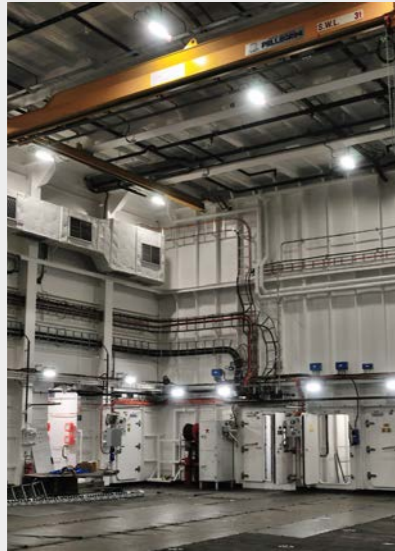
**OUR VERY WIDE LED LIGHT FIXTURE RANGE COVER MORE THAN 95%
OF THE DIFFERENT TYPES OF LIGHTS NEEDED ON BOARD OF NEW
BUILDINGS OR FOR SHIPS REFURBISHMENT.**



WATCH
THE VIDEO

TRAINING SCHOOL SAILING SHIP AMERIGO VESPUCCI SAID AS THE "MOST BEAUTIFUL IN THE WORLD" IS PRIDE AND VAUNT OF ITALIAN NAVY. THE ITALIAN FLAG IS MADE WITH OUR COLOR LED FLOOD LIGHTS.





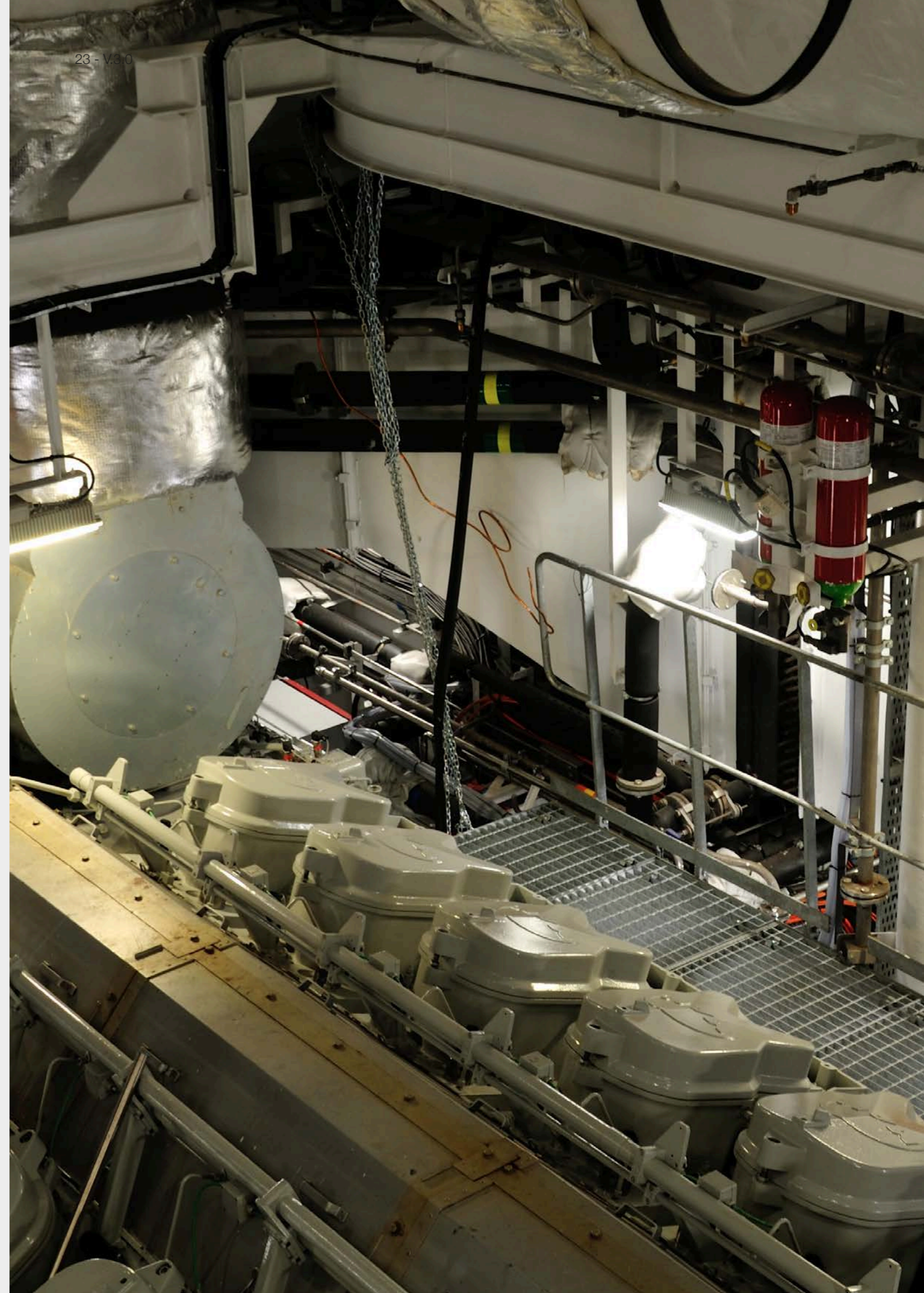
**HANGAR, OPEN DECKS,
MANEUVERING AREA,
RESCUE AREA, OUTSIDE AND
INSIDE TECHNICAL SPACE,
CABINS, MESS ROOMS,
BRIDGE, MACHINERY SPACES,
HOSPITAL. IN OUR WIDE LED
LIGHT FIXTURE RANGE THERE
IS ALWAYS THE PROPER
SOLUTION FOR THE BEST AND
ACCURATE ILLUMINATION.**

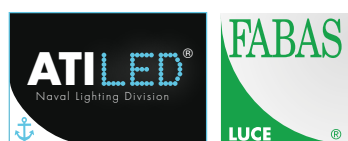




GALCOR

VERY LOW HEIGHT, POWERFUL AND OMOGENOUS LED LIGHT, THE MOST INNOVATIVE STAINLESS STEEL AISI 316L LED LIGHT FIXTURE USPHS COMPLIANT FOR: GALLEY, COLD AND FREEZER ROOMS, LAUNDRY, CBRN CHEMICAL, BIOLOGICAL, RADIOLOGICAL AND NUCLEAR DECONTAMINATION STATIONS.





naval.atiled.it

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Company profile