

ARINOS PATRIKIOS ARCHITECTURAL

2021

LIGHTING KNOW HOW

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ution is based on the excellen<mark>t</mark> e of high-end engineering, the he modern aesthetic designs. lighting according to the latest ents. Our partners-suppliers are 's and we make sure our products r clients are top lighting projects ineers recognized internationally.

VISIT NOW OUR WEBSITE JOIN US AND		
STAY INFORMED ON OUR NEW PRODUCTS! WWW.MPILLUMINATION.COM		

WE MANUFACTURE AND CUSTOMIZE ARCHITECTURAL INDOOR AND OUTDOOR LIGHTING FIXTURES

Operating since 1973, our continuous evolution is based on the excellent knowledge of lighting technology, the use of high-end engineering, the application of safety standards and the modern aesthetic designs.

We design and manufacture architectural lighting according to the latest developments and technological achievements. Our partnerssuppliers are international market leaders and trend setters and we make sure our products incorporate high-end elements, whereas our clients are top lighting projects companies, architectural companies and engineers recognized internationally.

Our production line consists of more than fifteen categories, and covers the complete range of indoor and outdoor luminaires, ideal for every demanding application, such as company offices, commercial centers, museums, airports, hospitals, public buildings, hotels, educational institutions, modern residences, public spaces, streets, ships, factories. Our central offices, showroom and factory are situated in Athens, at Skaramangas industrial area, in privately owned premises of 7.000m².

WE ARE

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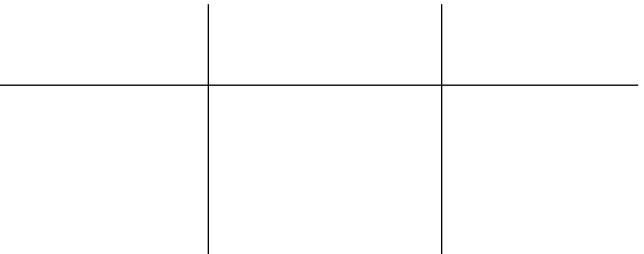
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WE ARE MOTIVATED TO OFFER QUALITY, TO ASSEMBLE TECNOLOGICAL PROGRESS AND TO MEET MODERN TRENDS TO OUR LIGHTING SOLUTIONS FOR ANY SPACE AND PROJECT STANDARDS

During the years, we created a network of many important customers like wholesalers, architects and technical companies all over Greece. We gradually expanded our activities in more than 40 countries all over the world, forming strong business relations with many lighting importers and designers, thanks to whom we have the honor of being in the list of approved manufacturers in many prestigious lighting projects worldwide.

We strongly believe in relationships and bonds created, while we are constantly motivated to maintain and increase the high quality of our fixtures and we are proud to satisfy our customers most demanding inquiries.





Over the last 46 years in lighting business we acknowledge that the key of success is based on some important values: Professionalism, attention to detail, fairness, flexibility, service and speed. Our philosophy is based on these values and has led us to build strong partnerships through the years.

100% GREEK PRODUCTS

The production process is conducted in our privately owned premises in Athens: from manufacturing and assembling to wiring and final testing. We don't just assemble the luminaires but we carry out the whole process from RND stages to final product. This allows us to make prototypes and made-to-measure fixtures rapidly and with excellent quality standards. This is one of our strong competitive advantages in the international market.

the elements of the fitting, as shape, material, functionality, flexibility and technology, in a way to create added value for all parties involved in lighting either by selling, specifying, installing or just enjoying the light result. Our designing department is structured to develop new standard products and custom-made fittings to satisfy all kind of demands.

EXTENDED GUARANTEE

The standard guarantee of a wide range of our products is extended up to 5 years, upon official request for special projects. This is the reason we use top quality accessories and electronic components (leds, led drivers) from the world's leading companies, as also branded heat dissipation and quality control systems, to achieve the best results in performance and life duration.

VALUE & PRICE

Our technical team can offer you the best Our products are considered as a good value for money choice. We give great consideration solution to your project's needs. We have all the tools to do so. Technical skills, intelligent to quality and price equation. Continuous innovation and manufacture knowhow enable cost analysis allows us to improve production us to respond to your requirements in a short process at all stages, so as to offer the best time. We are on your side, as we have the possible prices without any compromise in resources and experience to manufacture quality, design or technology. Special prices quality customized solutions to order for projects are achieved after negotiation with our suppliers, making it possible to compete, VARIETY always following projects specifications and photometric needs.

SPEED & FLEXIBILITY

We work promptly with respect to time constrains. Our experience in various projects and investment in technology and production line, give us the advantages to do so. The coordination between departments (sales, design, production, logistics) and wellorganized management makes it possible to deliver in just a few days for smaller projects

We follow up the constantly evolving LED to few weeks for bigger ones according to from concept design through construction technology. We believe and invest in new project's time requirements. completion. Along the way we are able to offer technologies, so much that today more than to our clients many specialized and tailored 95% of the full range is available in LED version **RESEARCH & DEVELOPMENT** services to suit project needs, working closely Thanks to technology progress the latest led with the architectural team modules are very powerful and ensure better We make high investment to support the RND, We ensure that our designs are documented efficiency, lower consumption, higher reliability as our product line is entirely developed within thoroughly via AUTOCAD, RELUX and other and long life duration. Our led collection makes the company, from the design phase to the specialized lighting design programs, as needed it possible for lighting designers to create prototype, from the thermal and photometric for each project. Our luminaires specifications different lighting scenes, from accentuation to analysis to the optics design and components are detailed and extensive, providing the client, ambient, wall washing, orientation or open area selection. Our constant guideline is to follow design team and contracting team with clear lighting, selecting from a wide range of beams, up with quality and lighting performance filters, lenses and other accessories. We use direction for fixture selection excellence. high-power LEDs and Chip-on-Board LED (COB)

DESIGN

When we design & develop our new collections, we are inspired by trends in architecture, we are driven by the progress of technology and we are focused on the international markets' needs. The design of every new product perceives all

CUSTOMIZATION

We provide one-stop shopping solution for your projects. Our catalogues and website include thousands of items, offer a wide range of products for indoors and outdoors use, contain impressive combinations of materials, colors and versions. Our goal is for you to find a product in our list that enhances your style and fulfills your requirements.

LED TECHNOLOGY

This provides an advantage to the end user to obtain the highest lumen output and most suitable light engine for the application. The high quality of LEDs supplied with luminaires in conjunction with the highest efficiency lens and optical systems we use provide a great distribution variety in the industry.

LIGHTING STUDIES & PLANNING

Our Lighting Design team provides to our clients unique lighting and photometric studies. Combining extensive product knowledge with a wide range of energy efficient product solutions, LD team is able to guide you through a cost-effective and sustainable selection process, without compromising in the quality and lighting result.

LIGHTING DESIGN TEAM

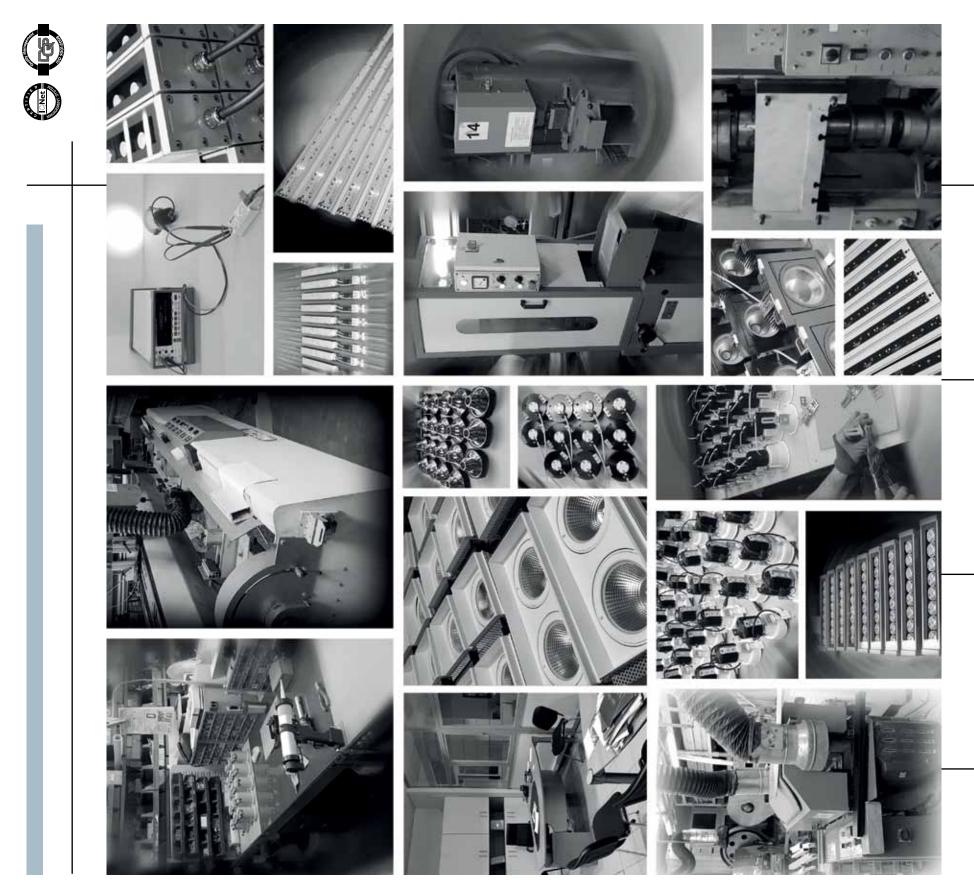
Our team of lighting designers have been working for many years in the field of lighting design and are able to provide lighting services for interior and exterior environments

O U R F A C T O R Y

CERTIFICATES

The lighting fittings of MP ILLUMINATION are manufactured, checked and tested in compliance to the general standard of European Union for lighting fittings EN-60598 and they are CE marked on their bodies and packing boxes. Besides, MP ILLUMINATION has been certified with ISO 9001 from DQS

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Throughout the entire production process MPILLUMINATION distinguishes itself by handling the strictest quality parameters, to ensure products and services are designed and produced to exceed customer requirements.

Every step in the production process has a routine quality procedure, covering both product quality and testing. As such, each product that leaves MPILLUMINATION, has been inspected and tested thoroughly, resulting in maximum efficiency. During the entire production our engineering team of professional technicians is fully committed to develop top quality fittings that comply with high efficiency rates, energy saving and long-lasting standards of life.

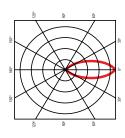
Our Lighting Laboratory is equipped to carry out performance measurements on all commercially available lamps and luminaires. Our experienced engineers undertake performance

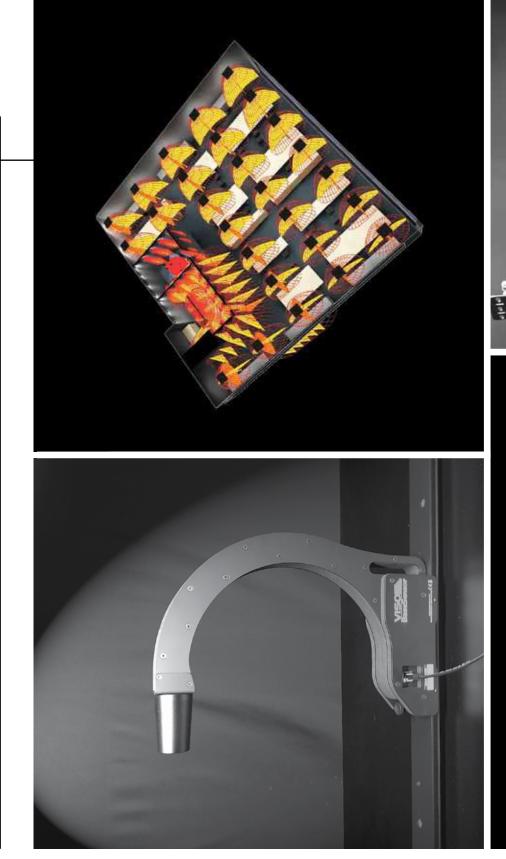
tests using advanced equipment like testing machine for checking the electrical safety of our products in compliance with European standards by EN 60950, oven for testing the thermal management oven for testing the quality tts, equipment for checking the quality coating, as well as many other testing of products, equipment for o of powder coating, as well as compliance with cessories. electronic aC

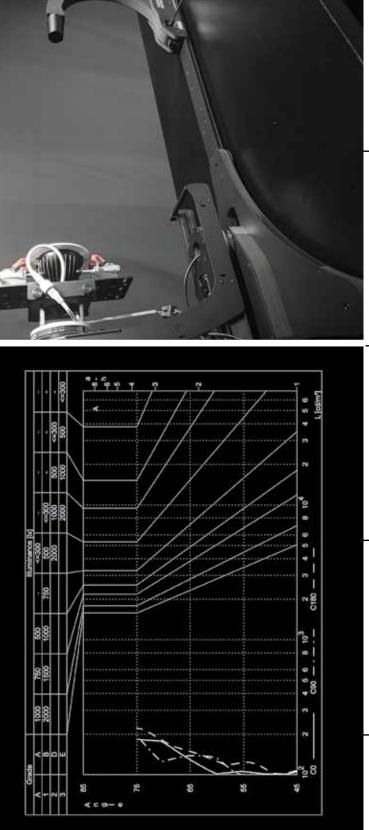
compiled in detailed test reports. Results are

LIGHTING STUDΥ

team collaborates closely with the client and design teams to develop strong concepts for lighting design. We study each project individually to determine ЛО lighting that will support project goals . an idea. y projects starts with n collaborates closely w Every







EVEN MEASUREMENTS FOR SPECIAL USTOMIZED ΙΝΣΤΑΝΤLΥ **PRODUCTS** LIGHTING C

ROOX ARK

MPILLUMINATION has recently upgraded its internal lighting lab, adding a great tool for light measurement of the company VISO SYSTEM in Dermark. This new system allows us to measure the full 3D distribution field of any luminaire, and generate comprehensive LDT and IES

simulation files.

As outsourcing of our photometric testing was time consuming and costly, working with external labs restricted our ability to make quick modifications.

After upgrading our internal testing facility we are much quicker and effective as:

We already have a complete set of ldt files for our products and we can easily provide to our customers a complete, accurate and easy to understand test report for them.
 We have the ability to do small modifications measuring the effect of different solutions (like different CCT, CRI, led chips, glass

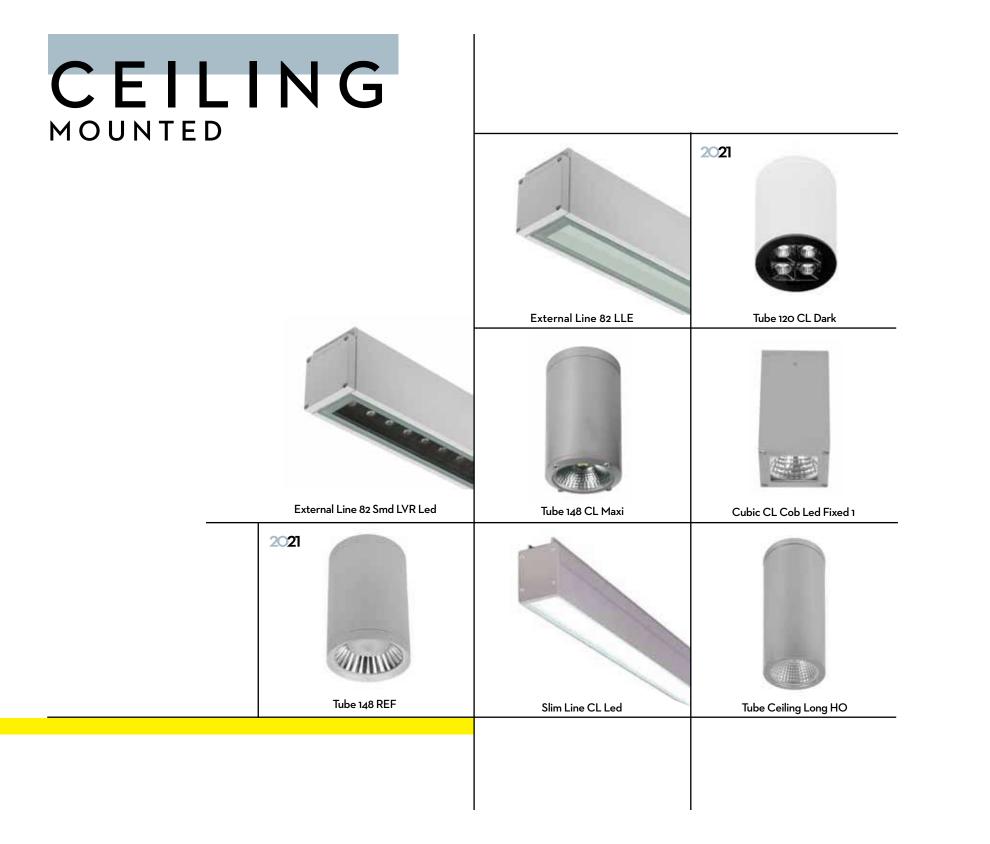
finishes) and see photometric results of those changes instantly.
That allows us extreme flexibility, especially when offering different versions of our luminaires in various projects, where both accuracy and rapidity are necessary.
R/D is testing the effectiveness of different technical solutions and material, during production development, to find the best solution in terms of lighting efficacy. Our engineers are continually verifying optical designs and improving performances based on the result. In that way, we can now maximize the efficacy our products. In that way, we can now maximize the efficacy our products . • We can do lighting measurements even for special customized

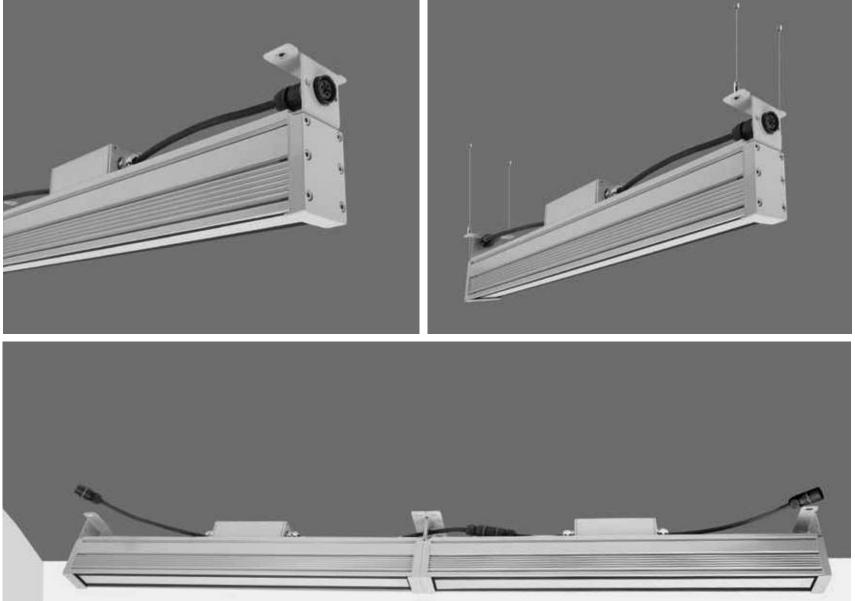
products.

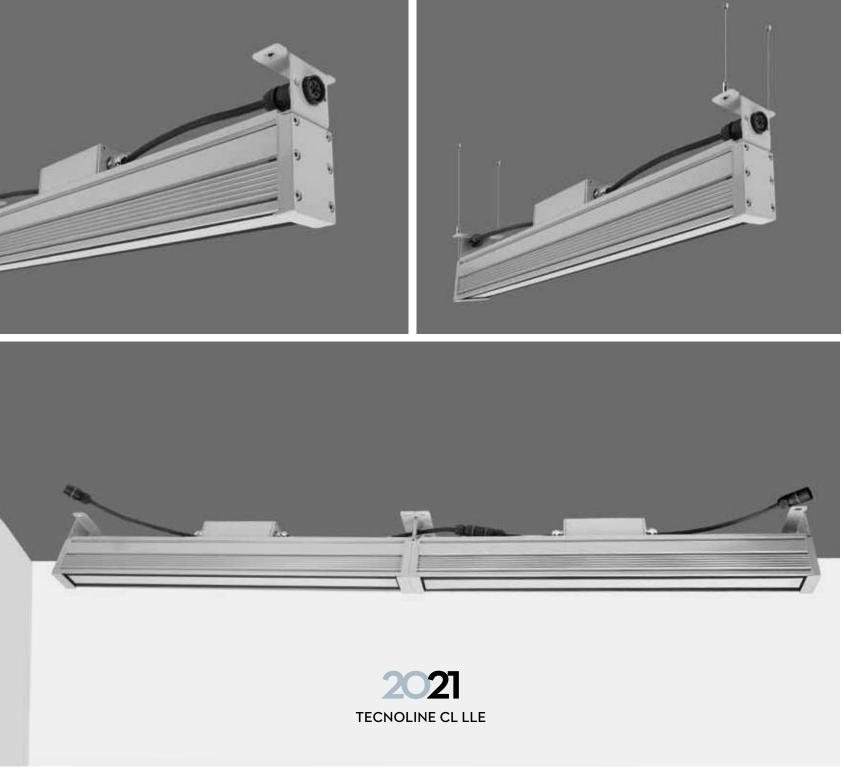
This investment has helped us a lot develop and improve our product portfolio in a more accurate way, as we can double check straight away any measurement and provide information rapidly.

			OUR PRODUCT	
			Our production line consists range of indoor and outdo such as company offices, co buildings, hotels, educatio streets, ships, factories.	por luminaires, ideal for evolution
				<u> </u>

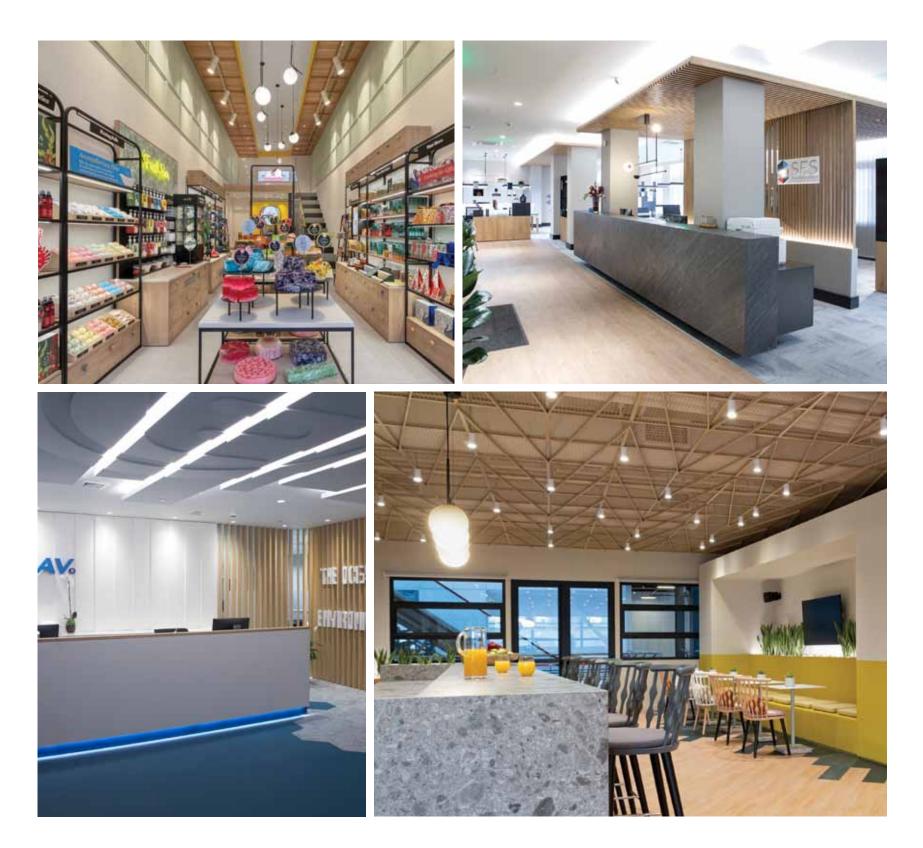
gories that cover the complete every demanding application, ms, airports, hospitals, public residences, public spaces,

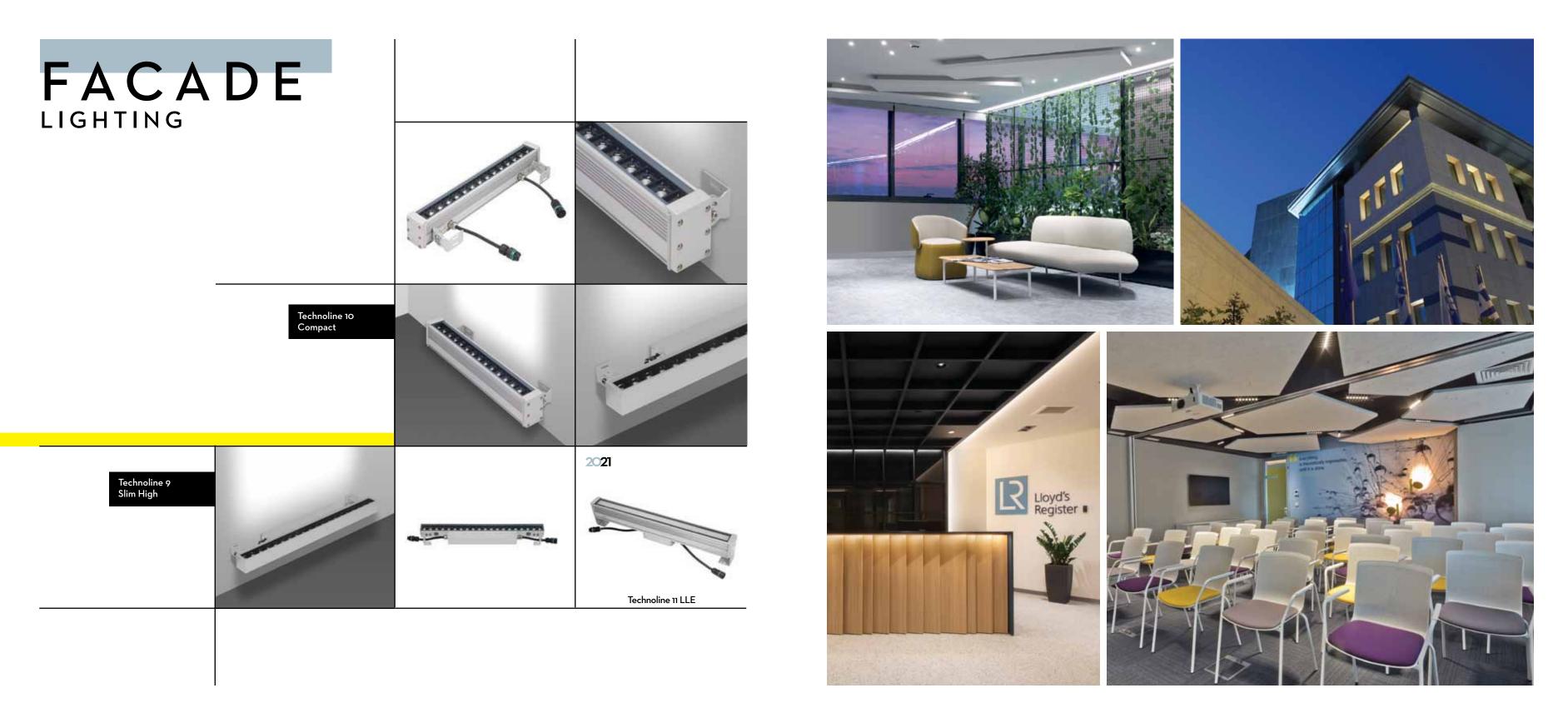




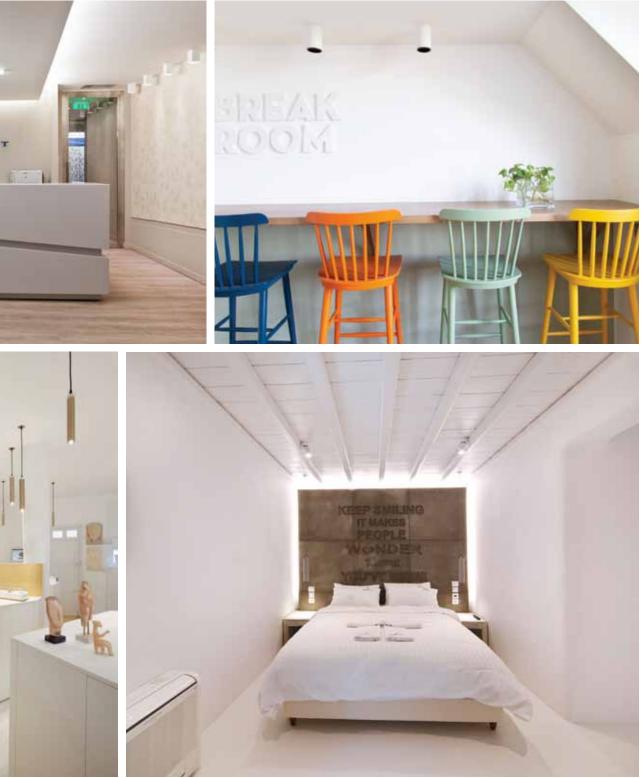


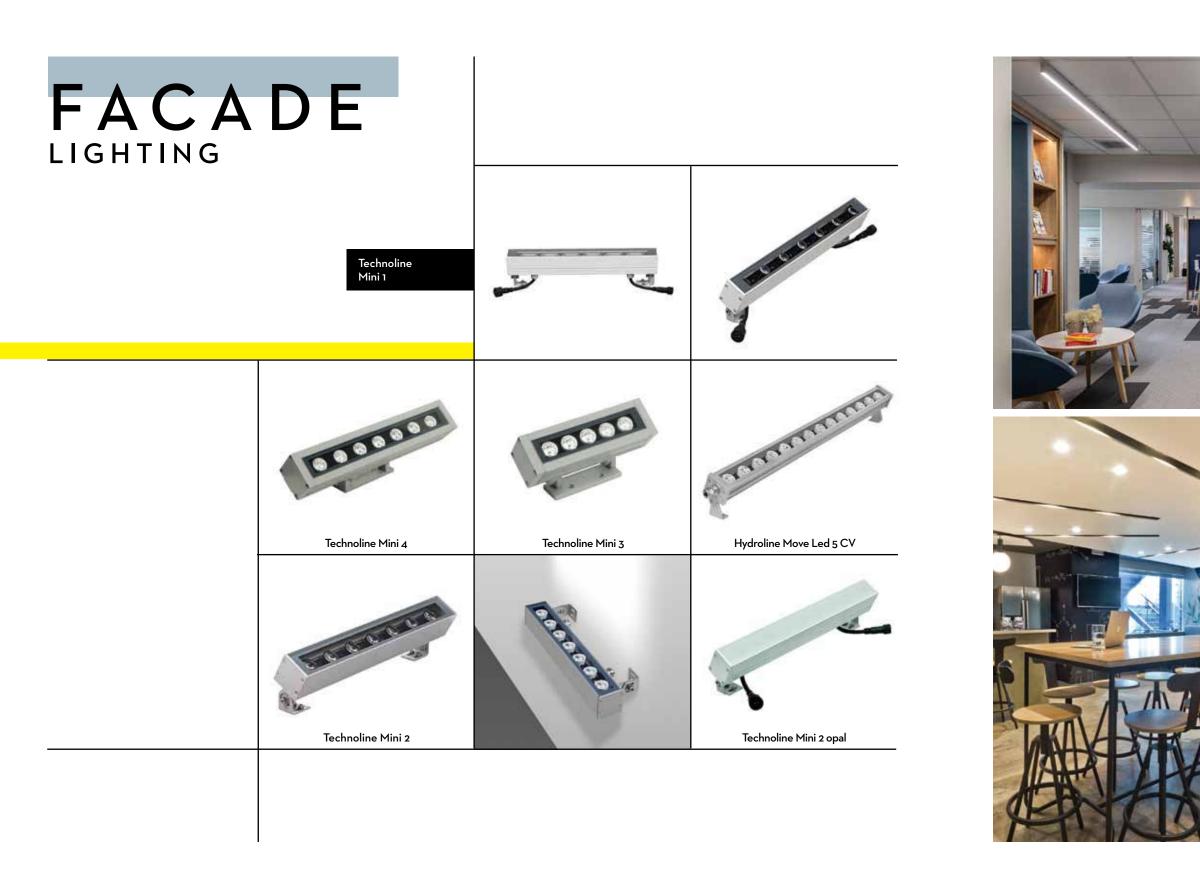


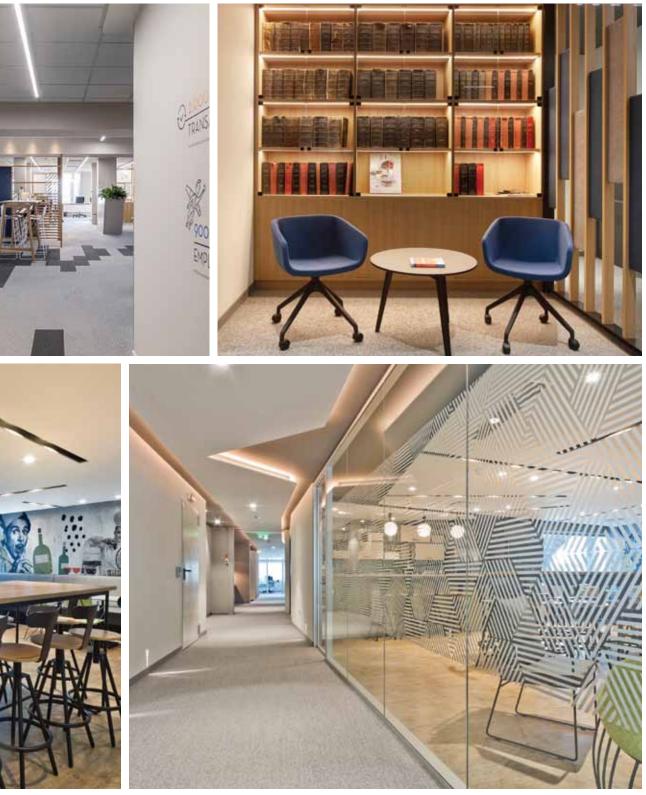


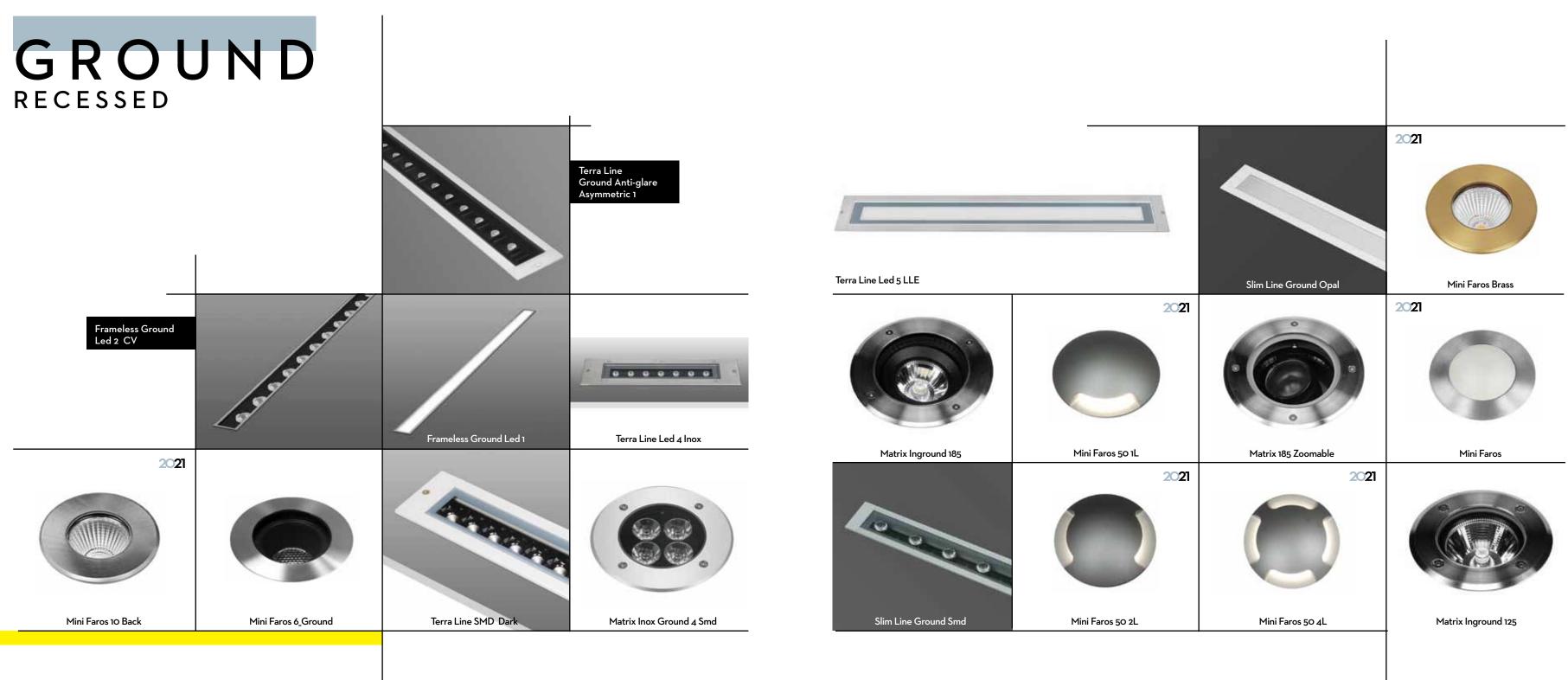








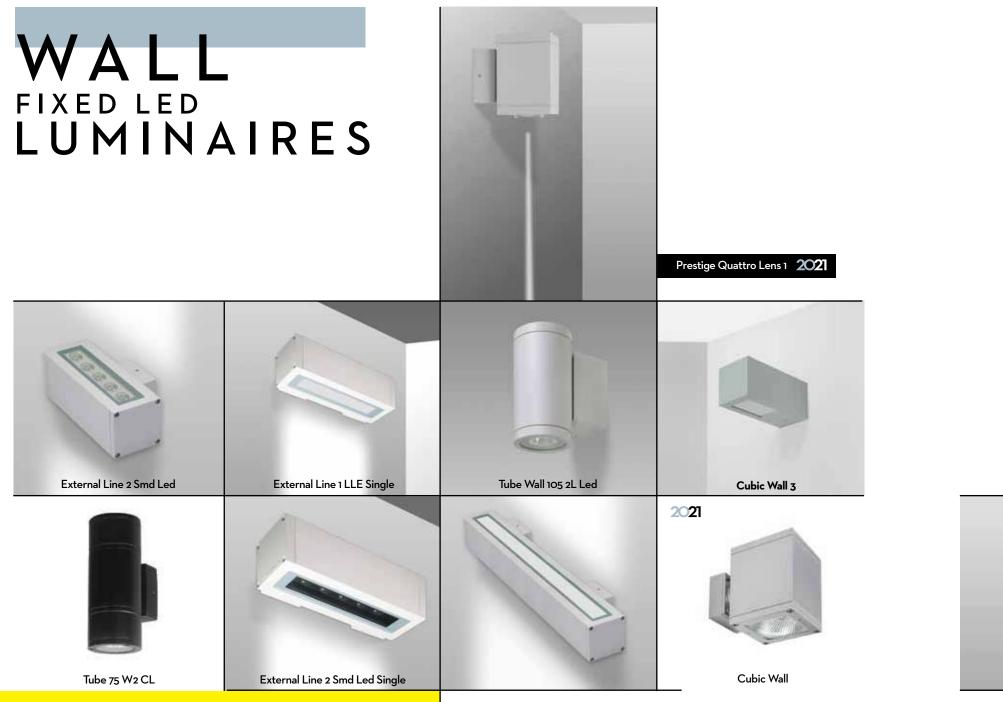








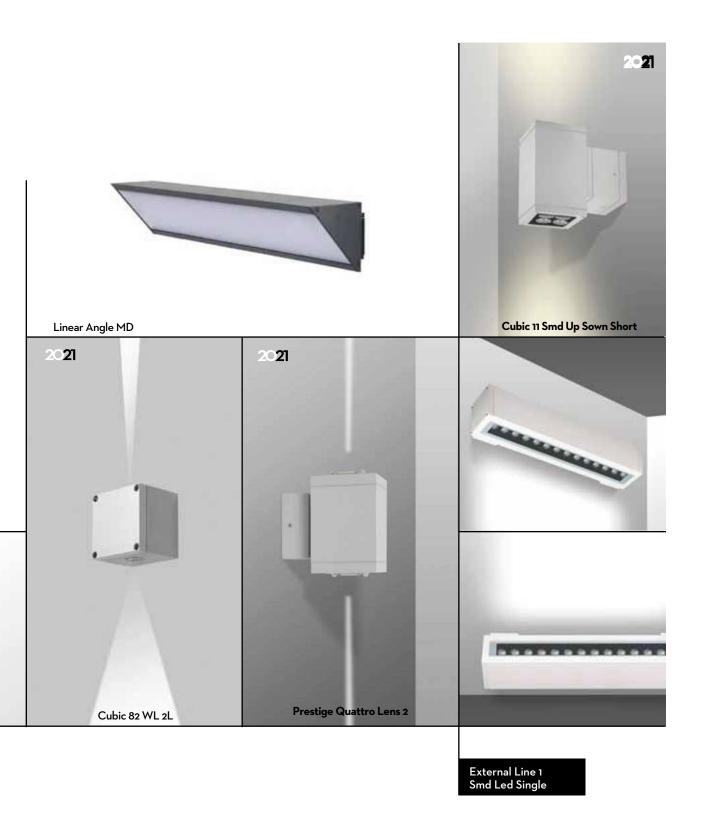






Tube 75 W1 CL

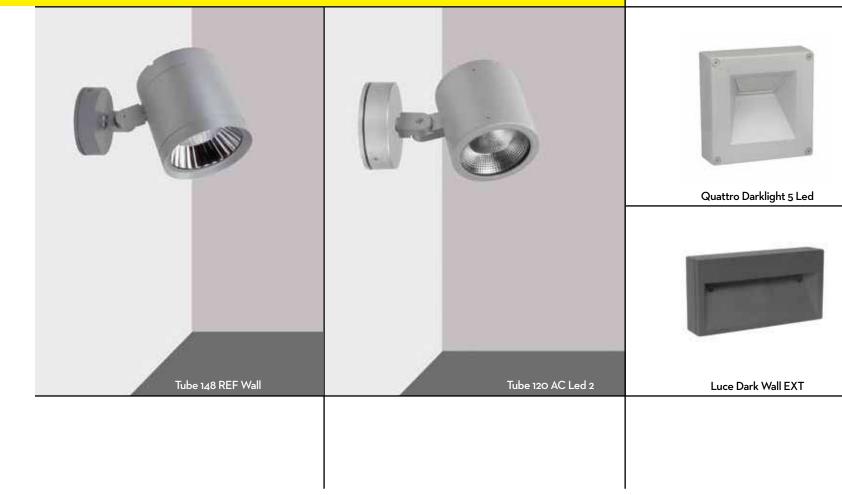




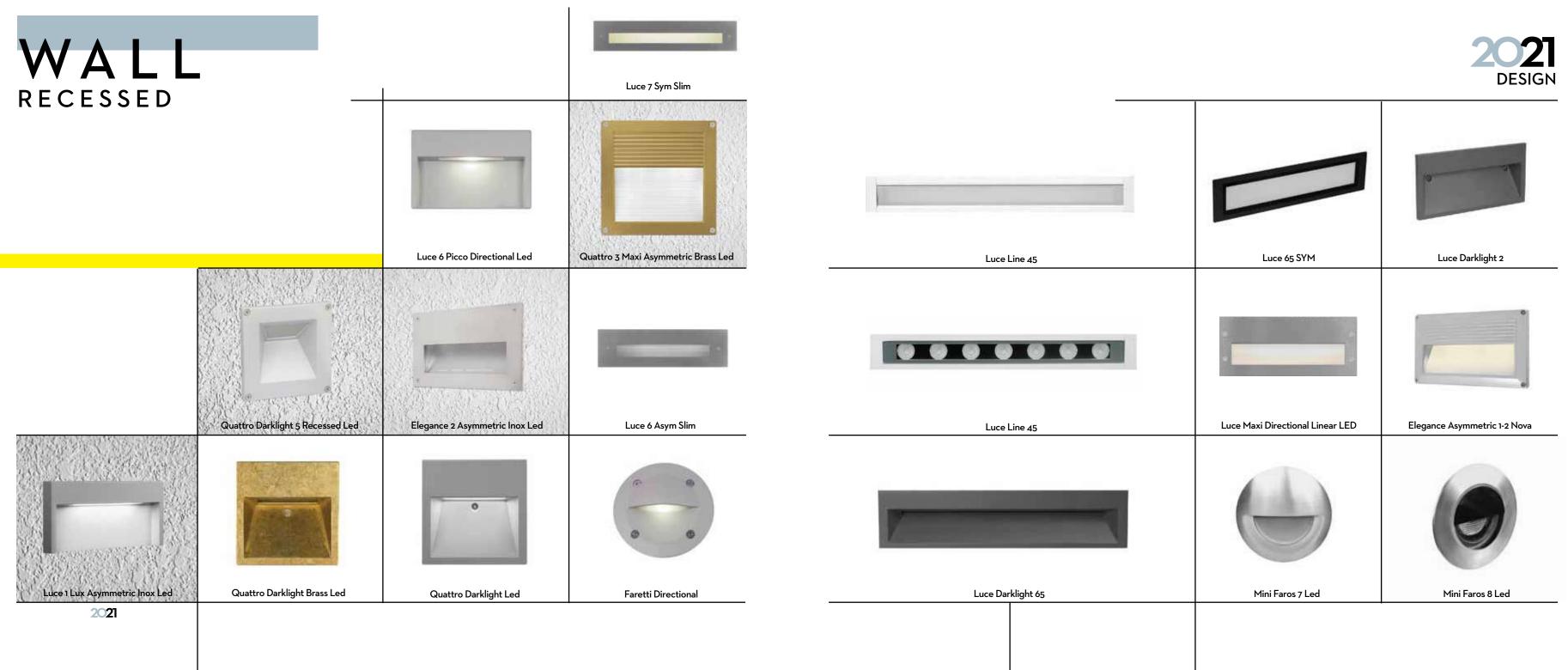
WALL surface MOUNTED 2021



Elegance Nova Asymmetric External 2 Led











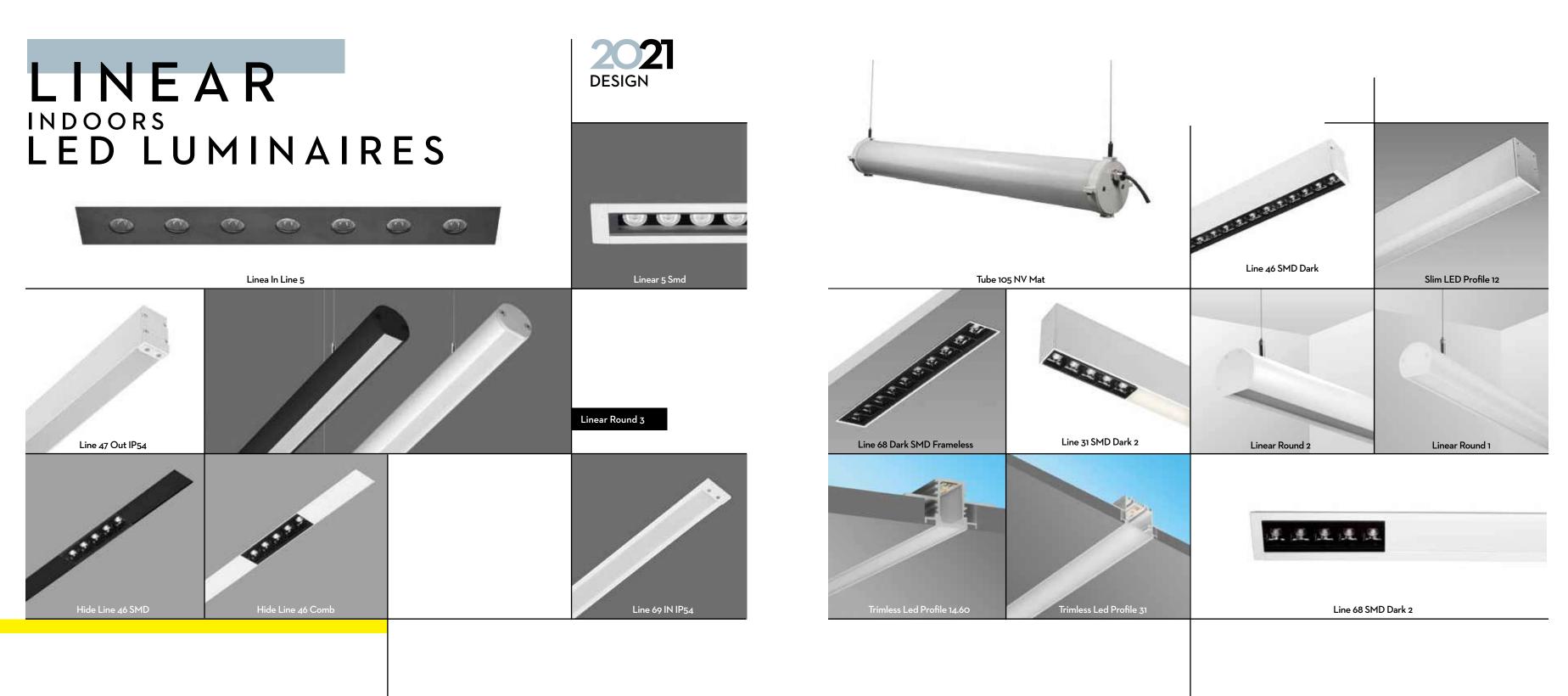








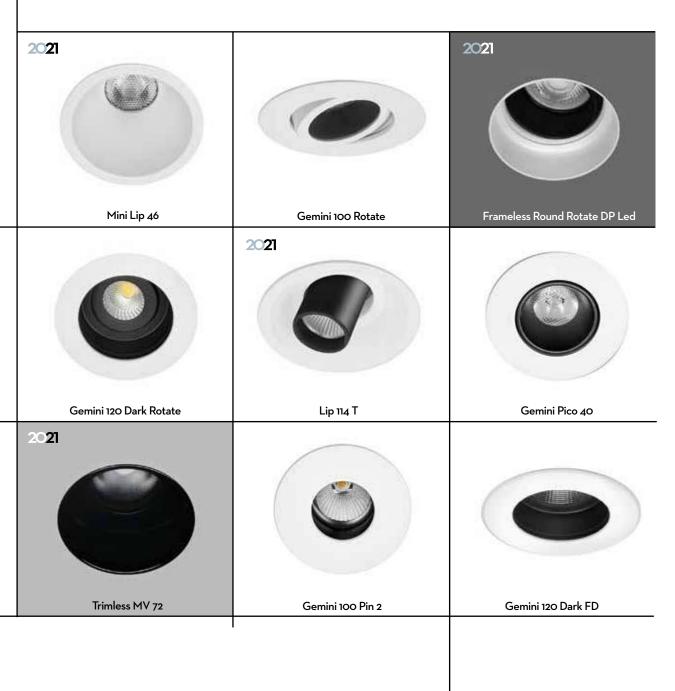




RECE	SSED	0007		
		2021		
	Lip RD 114 Dark Rotate	Trim 62 FD WH	Gemini UGR Mat	Multiline 157 M
				Frameless Square Deep Move Cob Led Black Internal
Lip RD 114 MV Tube	Frameless Double Move Focus 1	Lip 114 RD FD	Frameless Deep 3	
	2021		2021	
Orion 55 RD B	Mini Tube Directional SQ 1	Frameless Round Move Focus 1	Frameless SQ Rotate DP Led	Lip SQ 114 MV Tube



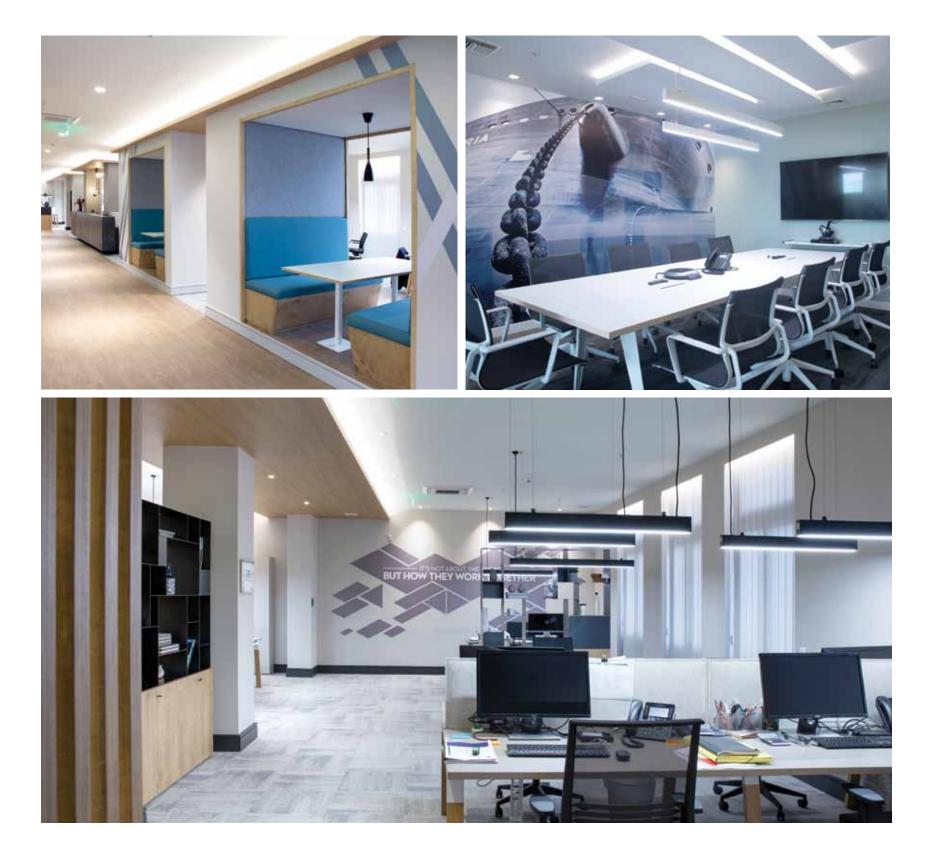
RECE SPOTS	SSED			
		Astra 118 Darklight 2	Gemini 85 Rotate	Lip RD 83
2021		2021		
Gemini FD 84	Comfort Dark CL	Gemini SQ 52	Comfort Dark SQ CL 120	Lip 110 Nova Mat
Gemini 100 Pin 1	2021 Recessed	2021 Gemini Move 60	2021 Trim 62 FD BL	











MP ILLUMINATION promotes its ecological conscience and invests in energy saving technologies.

MP is shareholder of FOTOKYKLOSI S.A., a recycling company for lighting fittings and lamps approved by the MINISTRY of ENVIRONMENT & ENERGY in Greece.

Our prime principle is to design and develop lighting fixtures of high quality standards that incorporate energy saving lamps and latest LED technologies, aiming towards reduction of power consumption and promotion of environmental protection.

HIGH END PRODUCTS

Our luminaires are manufactured with the goal of lasting over time and ensuring constant performances.

We use high quality aluminum alloys, as well as brass and stainless steel materials , to make sure that our products resist harsh environmental conditions.

All fixtures are finished using our superior powder coating process, with possibility of "seaside" powder coating as an option where desired for extreme environments.

We select only the highest grade of components and we design their integration within our luminaires using our many years of experience and technical expertise.

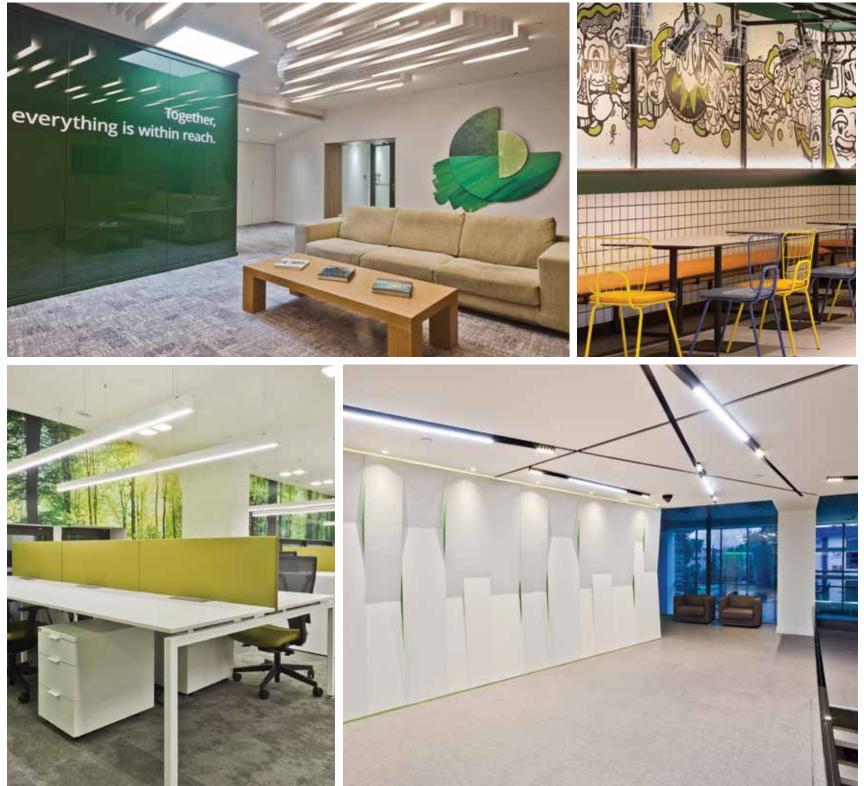
We are continuously improving previous and evolving new ranges, with new inspirations, as well as with a wide range of finishes.

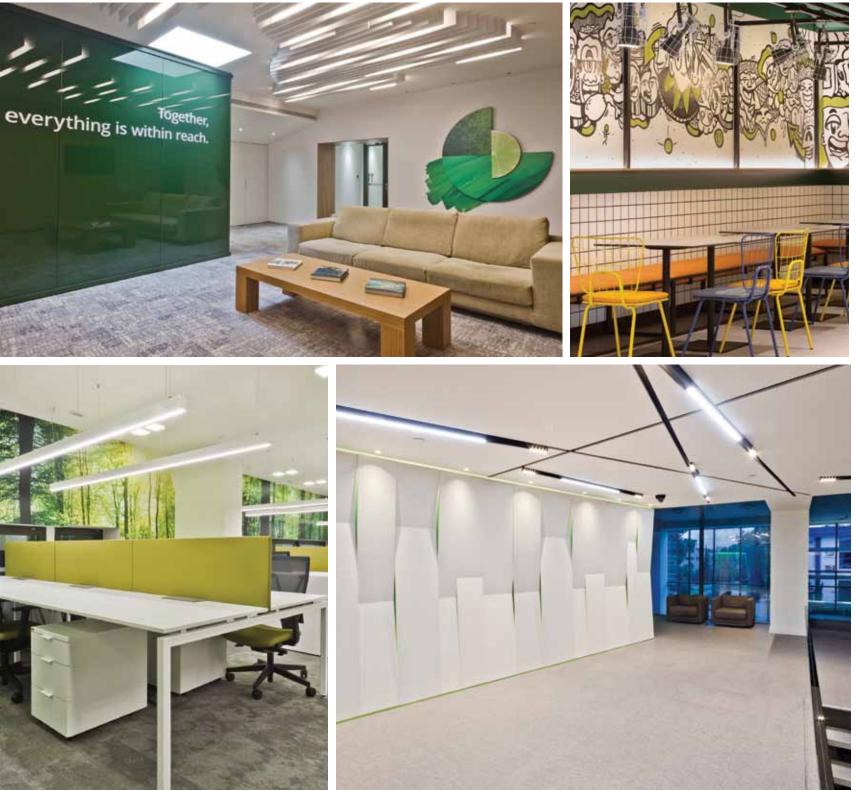
We verify heatsink designs to ensure maximum life duration of cob led and minimum lumen depreciation for all our products.

HELLENIC BANK - CYPRUS AIN DUBAI TERMINAL -UAE PUBLIC INSTITUTE OF ADMINISTRATION -OMAN TAWILA ISLAND - EGYPT AL GURUM RESIDENCES ABU DHABI-UAE RUSSIAN ORTHODOX CHURCH- CYPRUS AL ALAMEIN HOTEL- EGYPT SOHAR HOSPITAL EXPANSION- OMAN NGU ENGINEERING BUILDING -EGYPT NIZWA HOSPITAL -OMAN CITY OF DREAMS CASINO RESORT-CYPRUS SEAT SHOWROOM -SLOVAKIA MEDITTERANEAN BEACH HOTEL -CYPRUS LONGINES WATCHES STORE - KINGDOM MALL - SAUDI ARABIA ENOC - EMIRATES NATIONAL OIL CO. OFFICES - UAE MADINITY MALL -EGYPT BANK MISR-EGYPT HOSPITAL SACA-SLOVAKIA URBAN TESCO MALL - SLOVAKIA ABU DHABI AIRPORT - UAE LARNACA AIRPORT - CYPRUS SKYCOURT BUDAPEST AIRPORT - HUNGARY SORBONNE UNIVERSITY - UAE AL BARRARI RESIDENCES - UAE AL JIMMI MALL - UAE PRIVATE VILLAS - SEYCHELLES PARK HYATT HOTEL -UAE FIRST GULF BANK -UAE RUWAIS PALACE - UAE

ZAYED UNIVERSITY - UAE AL RAWDHA PALACE -UAE BATEEN SCHOOL - UAE FUTURE SCHOOLS - UAE FOODCOURT ATHENS AIRPORT - GREECE DUSIT HOTEL - UAE KHALIFA PORT - UAE EMIRATES PARK TOWER HOTEL- UAE BATEEN PALACE- UAE AQABA PROJECT - JORDAN KING ABDULLAH PARK - JORDAN ALAIN SCHOOLS - UAE RITZ CARLTON HOTEL - EGYPT 6TH OF OCTOBER PROJECT - EGYPT CITY STARTS PROJECT - EGYPT HILTON HOTEL DEAD SEA- JORDAN SAMA BEIRUT TOWER- LEBANON INTERCONTINENTAL HOTEL - FUI ISLANDS M-PRESS COMMERCIAL COMPLEX - KUWAIT TIRES RECYCLING FACTORY - KUWAIT SHARJAH LABOR OFFICE - UAE SABB HEADQUARTERS - SAUDI ARABIA YAS SOUTH DEVELOPMENT INFRASTRACTURE - UAE PASTEUR LOBBIES - LEBANON M-Z ALAMEIN - EGYPT PRIMARY SCHOOL OF AGION ANARGIRON-CYPRUS BLF BANK GHAZIR - LEBANON CYB BANK HEADQUARTERS - EGYPT BILLBERRY WATERFORD - ENGLAND

AL RAHA BEACH DEVELOPMENT - UAE

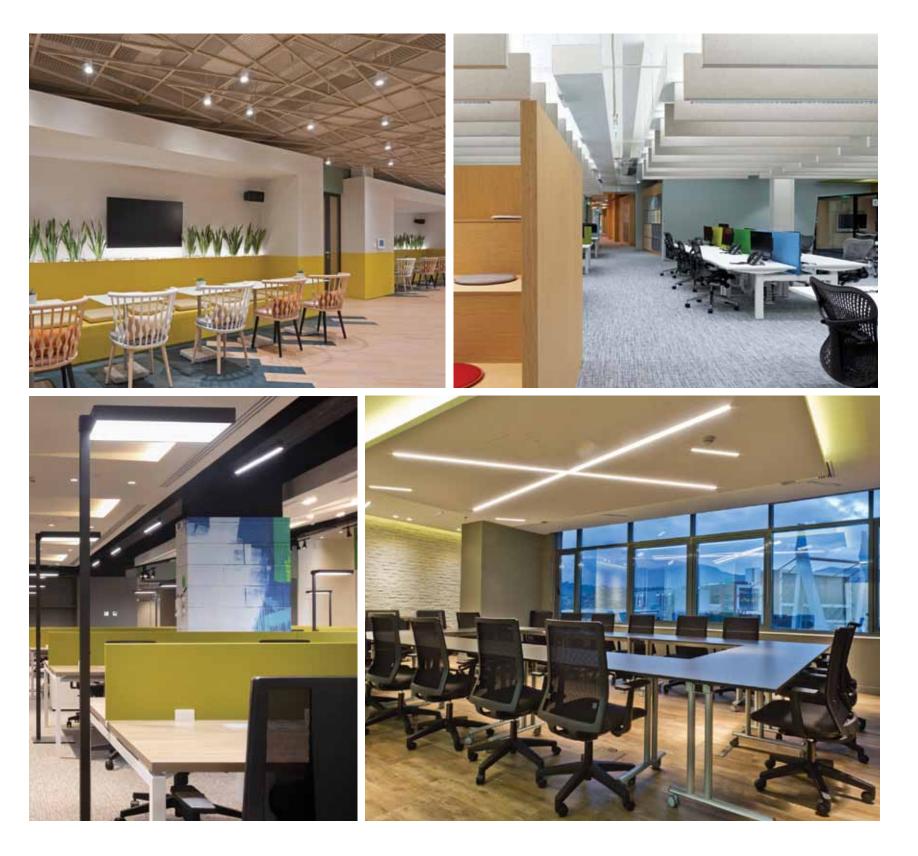




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UAE EMBASSY - LEBANON CITY FITNESS GYM - MONTENEGRO ORA FOURTEN LUXURIOUS RESIDENCES-MONTENEGRO HOTEL BUDVA - MONTENEGRO FALKENSTAINER HOTEL - MONTENEGRO QORTUBA OASIS - SAUDI ARABIA KING ABDULLAH FOUNDATION - SAUDI ARABIA FAIRMONT HOTEL- SAUDI ARABIA HASHEMITE UNIVERSITY- JORDAN RADISSON BLU HOTEL - SAUDI ARABIA AL FAAISALIAH HOTELS - SAUDI ARABIA PRINCESS REEMA VILLA - SAUDI ARABIA GOLF CLUB HOUSE - SAUDI ARABIA EAST GATE PARK OFFICES - SAUDI ARABIA SEC HEADQUARTERS OFFICES - SAUDI ARABIA PALM MALL SOHAR -OMAN KALEV SPA - ESTONIA GRAND MOSQUE - ALGERIA SATELLITE CASINO-SINGAPORE OASIS ALILAH SALAHA RESORT - OMAN THE BEACH COMPOUND- EGYPT PALM MALL MABELAH -OMAN CLEMENCEAU MEDICAL CENTER- UAE MULBERRY PARK HEIGHTS - UAE RAMLA TOWER - SAUDI ARABIA WATER GARDENS -ENGLAND LANITEIO GYMNASIUM - CYPRUS AL FARDAN MIXED RESIDENCES- OMAN AL AIRAMI BOULEBARD MALL -OMAN ROP STABLE COMPLEX -OMAN

AL GHURAIR RESIDENCES - UAE LEBANESE UNIVERSITY - LEBANON AL MANSOURA - EGYPT CAMDEN FOODS RAILWAY STATION - ENGLAND HYUNDAI CAR SHOWROOM - HUNGARY GEMMAYEZ APPARTMENTS - LEBANON METRO RIYADH - SAUDI ARABIA MUBARRAK COMMERCIAL BUILDING - UAE GOLDEN TOWER - ISRAEL BUDAPEST AIRPORT - HUNGARY JAPANESE UNIVERSITY - EGYPT KUWAIT MOTOR TOWN - KUWAIT AGRICULTURAL BANK - EGYPT AIN FADYA SCHOOLS - UAE SHARJAH SCHOOLS - UAE ACACIA AT PARK HEIGHTS - UAE FONTANA HOTEL - MONTENEGRO REZIDENT PLACE - MONTENEGRO HOTEL WOOW PLACE - BUDVA MONTENEGRO LUSTICA BAY (4 VILLAS) - MONTENEGRO WEST BAY BANK-MONTENEGRO HAJRI HOTEL - UAE FOUR SEASONS NILE PLAZA- EGYPT FOUKA BAY -EGYPT FHADILI RESIDENCES ARAMCO - SAUDI ARABIA SHEIKH ZAYED BIN SULTAN ROAD -UAE AL AIN PARKS -UAE AURA HIGHLAND APARTMENTS - EGYPT GARAGE ENGHAM -ENGLAND CHELTENHAM COLLEGE -OMAN





reflectors & optical systems provide the however, CRI >90 is optional upon request. greatest distribution variety.

LED SPECTRUM

MP ILLUMINATION luminaires provide options fixtures can be offered in tunable-white (2700K applications. to 6500K) or RGBW (Red, Green, Blue, White) colour-changing sources upon request.

LED COLOUR RENDERING

The colour rendering index (CRI or Ra) is a standard metric to describe a light source's ability to accurately reproduce color. index between 80 and 90 is considered as 80% of their original luminous flux.

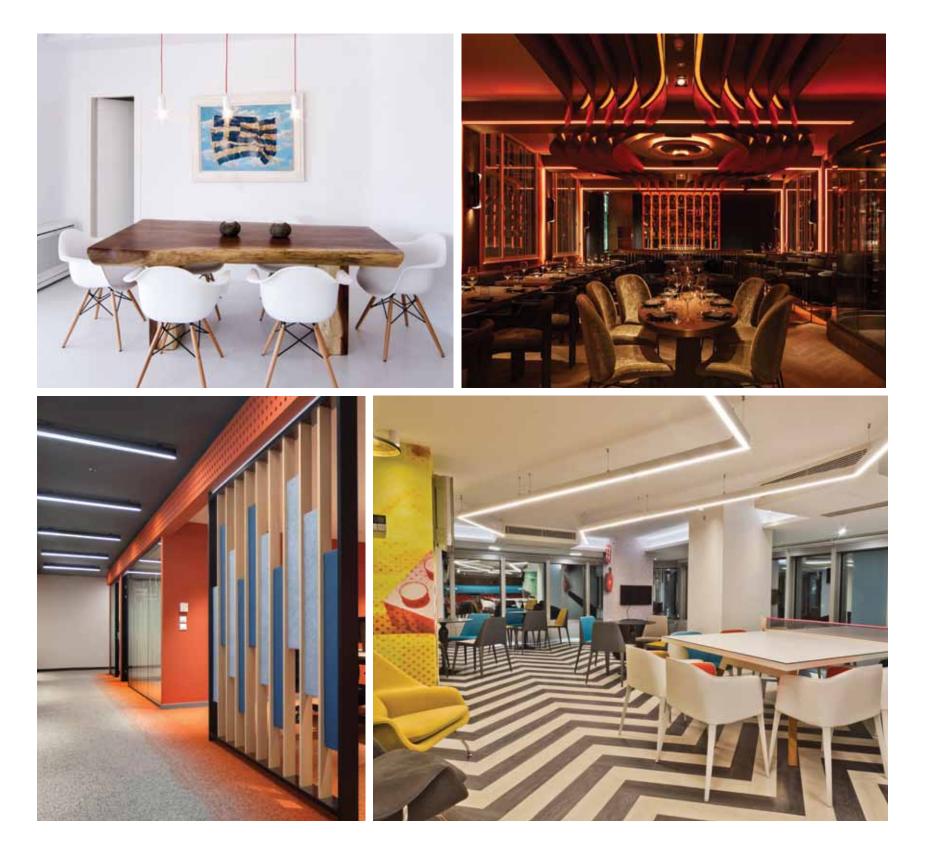
In MP ILLUMINATION we use high-power LEDs good and a value between 90 and 100 is and Chip-on-Board LED (COB). The high considered as excellent. MPILLUMINATION quality of LEDs supplied with luminaires provides fixtures with a tested CRI value >80 combined with the highest efficiency lens, for general indoor and outdoor as standard,

LED COLOUR DEVIATION

MP ILLUMINATION uses high-power LEDs and Chip-on-Board LED (COB) with 3 SDCM from neutral white (4000K) warm white (or 3-Step MacAdam ellipses) as standard (3000K) and extra warm (W27, 2700K). Some for most indoor and outdoor project

LED LUMEN MAINTENANCE

The lumen maintanence average rate performance of MP ILLUMINATION LEDs is over 90% after 50,000 hours. We mostly use use LEDs with the specification of L80/B10 at 50,000 hours, this means that after 50,000 Generally, for LED fixtures, a colour rendering hours, at least 90% of the LEDs still achieve



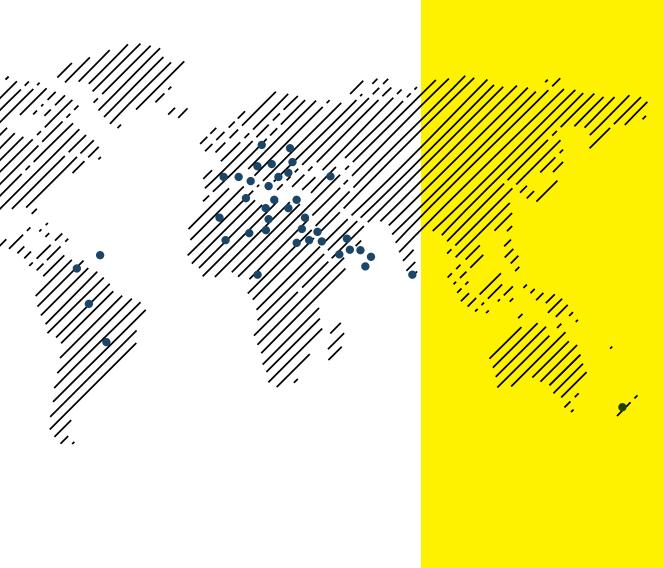
MP ILLUMINATION is continuously expanding its global presence and is ready to provide its customers with excellent service and collaboration to provide the best solutions. With a presence in more 40 countries, all over the world, MP is definitely a very credible and competitive partner for all your projects.

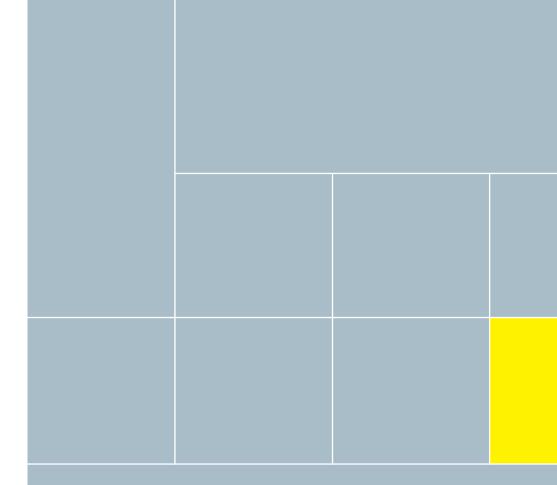
Our dedication to service and technical support guarantees that every customer will get personalized attention and service at any stage of a project, as well as constant technical support. \mathbf{m} Г **M** MPILLUMINATION has developped a well organized network all over Greece and internationally, expanding its export activities in the following countries:

 Cyprus Ireland Belgium Netherlands England Hungary Lithuania Slovakia Estonia Montenegro Russia USA Slovenia India Poland United Arab Serbia Emirates Croatia Saudi Arabia Romania • Qatar Belgium Lebanon Denmark Egypt Czech Republic Jordan Norway Israel Finland Bahrain Portugal Kuwait Oman Malta Austria Turkey • Bulgaria New Zealand Albania Nigeria France Marocco

Switzerland

Algeria





FACTORY

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