

FRENCH MANUFACTURING

Our values our history



Radian is a designer, developer and manufacturer of lighting solutions for working environments. A French specialist in visual workplace ergonomics for almost 40 years, Radian offers floor lamps as well as ceiling products (suspended, recessed, ceiling). With its factory based in the Nantes area, where Radian manufactures 100% of its products, the company is a local, flexible and responsive partner. As a result of its commitment to bringing quality products to market, designed locally and with local partners, Radian joined the Rivalen group in 2023, after it had become a mission-driven company a year earlier. This new impetus will enable us to accelerate our work in key areas such as eco-design, PEP sheets and life cycle assessments (LCAs).

All the products you'll find in this catalogue are certified «origine France garantie», and the company is also ISO 9001 certified.

Luminaires that are sustainable, repairable, recyclable and always controllable

RADIAN Factory / Show Room Nantes

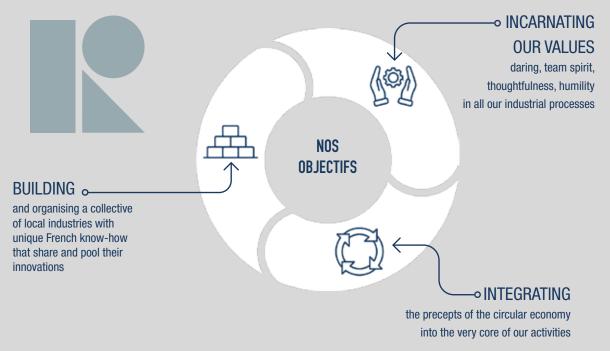
RADIAN Show Room





Our mission

We are convinced that the proximity and know-how of our enterprises are key strengths to perpetuate their long-term viability and performance, and we want to elevate the production of day-to-day objects by infusing them with our human and environmental values.



A mission-driven company is a status that commits us in a number of ways like the definition of our « raison d'être » and our statutory objectives.

At the crossroads between a family business and an industrial holding company, Rivalen describes itself as an investor-architect, aggregating a collective of French industries, shaping and expanding the expertise of excellence of women and men, brands and companies. With the conviction that French industry today must reinvent itself in order to rise to the challenges of climate and relocation, Rivalen is now a collective in which the know-how and local anchoring of its companies are key advantages for their continued performance, while associating social and environmental commitments policies as an integral part of this.



Relevant light

Comfortable and efficient lighting! **Durable, Repairable, Recyclable**

Radian luminaires stand out for their subtle balance between technical expertise and design. Carefully crafted and often imagined by renowned designers, our creations aspire to combine functionality and aesthetics, transcending the simple function of lighting to become a central element of architecture and space.

At Radian, we do much more than illuminate workspaces. We create inspiring environments that boost productivity, transforming every office into a source of well-being and success. Light, so necessary, both visible and invisible, becomes an ally.

Made in France, a guaranteed origin

OFG «Origine France Garantie» certification guarantees that at least 50% of the unit cost of the product and its essential characteristics have been acquired in France.

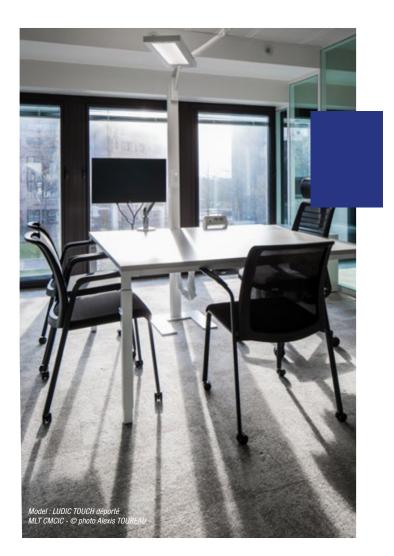
^{BVCert. 6039827} This certifies that the product has been manufactured in France and that it is made from French materials and sub-assemblies, in compliance with strict manufacturing standards and known origin of materials.

By choosing Origine France Garantie certified products, you're doing much more than just making a purchase. You're taking part in a virtuous chain that supports the local economy, protects jobs and preserves our industrial heritage.









Living **spaces** and workplaces

We can help you with all your projects. Commercial, Healthcare, Education, Retail..

Head offices, schools, hospitals, open spaces, individual offices, meeting rooms, refectories, amphitheatres, corridors, shops, etc.

Always ready to listen, we put all our expertise at your disposal.

Customisation is at the heart of our approach, and by offering highly customisable solutions we are able to meet the varied needs of our customers. As a result, our solutions continue to win over **architects**, **design offices**, **local authorities and businesses**.



For over 35 years, We have been working with materials!

Radian designs, develops and manufactures all its luminaires in its Nantes factory.

Thanks to its expertise and long-standing partnerships with its suppliers, the company is always able to incorporate the latest technological advances in electronics and optics.

The manufacture of our luminaires involves various areas of mechanical expertise, including :

- cutting
- machining
- welding

The integration of the various components and final assembly is meticulously carried out before a final test on 100% of the products before shipment.

The close proximity between the R&D centre and the factory offers unrivalled flexibility and responsiveness, resulting in reduced development times and an exceptional ability to adapt to the specific requirements of each customer.



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RAd	İAN
Relevant light	

Sustainable products

Longlife, up to 100 000h L80 B10



Reparability, availability of spare parts

Upgradeable, performance upgrade

efficient & comfortable products

Lighting	Power / Light output	Efficiency	Confort
Direct and/or indirect	15W+35W / ± 7250lm	± 145 lm/W	0,22C + 0,78T
Direct and/or indirect	15W+50W / ± 9200lm	± 142 lm/W	0,17C + 0,83T

Ratio

Power consumption

LED + driver

measured flux at device outlet CRI80 - 4000K - Ta 25°C

Output flux

Light Distribution light flux / power 17% direct flux 83% indirect flux A, B, C ou D : glare T : indirect



1





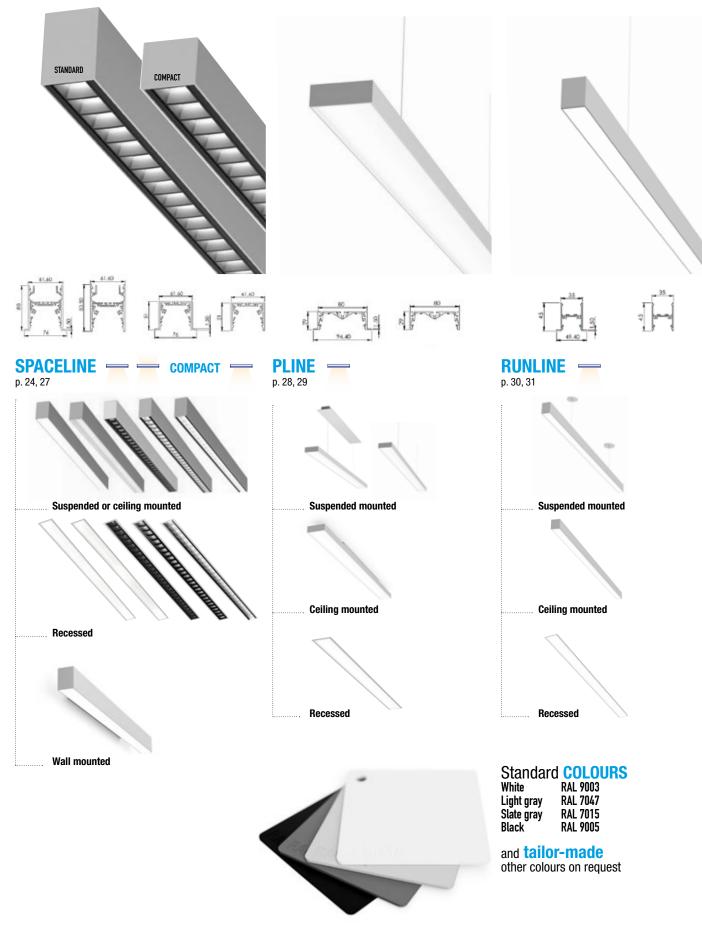
Floor lamps range & by-products



floor lamps / wall lamps / pendants

RADIAN

Individuals linears & customized assembles





Lighting is an important factor in the quality of working environments. These spaces, their functions and their ergonomics have evolved considerably in recent years.

How can we ensure that lighting can adapt to these changes ?

Moveable lighting, such as Ludic Touch, Tréma or Plux floor lamps, guarantees that the quality of the light will adapt to all your changes.

Effective light, comfortable light, at the right time and in the right place!

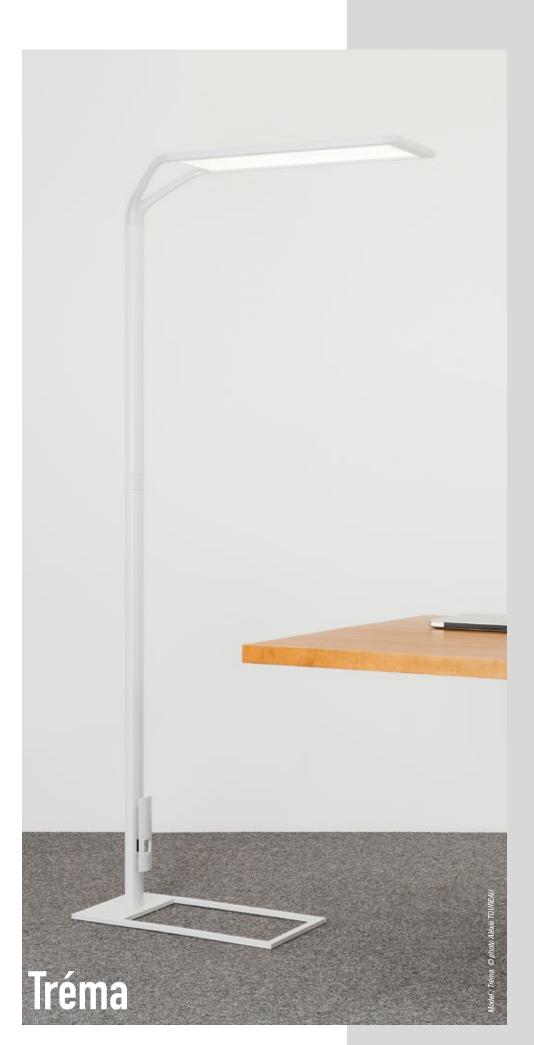


Relevant light









details that make all **difference** !



Clamp press *Desk mounting* Fixed directly to the work surface. For a compact footprint, the clamp press fits all desk top from **10 to 40mm**



Cable management *With power plug*

Our floor lamps are supplied with 3.5m (~11,5ft) of cable as standard. The cable management at the foot of Tréma and Ludic Touch is the detail that provides a work area free from the risk of falling.



Single & double

Ludic Touch and Tréma are available in single-head and double-head versions. Their multiple configurations - single, double, floor-standing or clamp-mounted - provide you with a scalable lighting solution that will adapt to any configuration and any change in your working environment.

Ludic Touch's swivel heads make it even more modular. Tréma's translucent heads give it a modern, lightweight look.

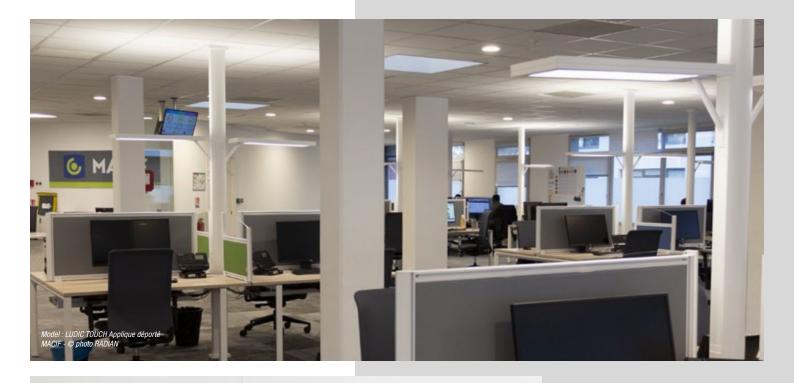
Direct & indirect

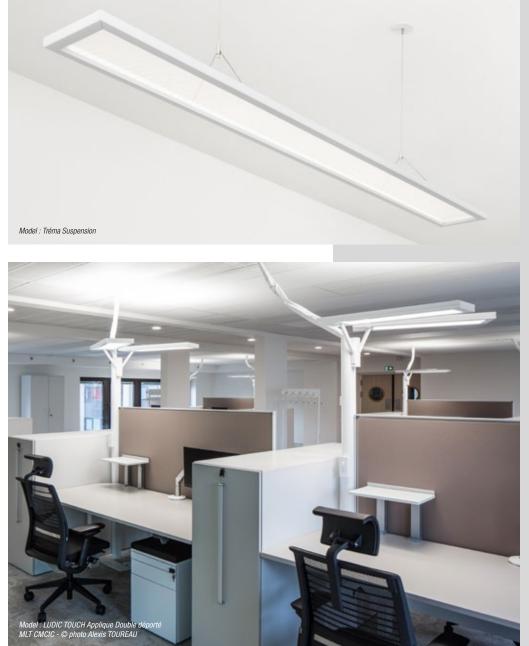
Ludic Touch and Tréma offer direct and indirect lighting. Direct lighting provides a well-lit work surface. Indirect lighting brings comfort to your space.

Ludic Touch with its «dissociated» version lets you control direct and/or indirect lighting.









Diversifying without losing identity

The Ludic Touch and Tréma floor lamps are the original versions of these two families.

We have extracted the main lighting element from them to create wallmounted luminaires or luminaires that can be adapted to different fixing options, such as technical columns, and suspended luminaires.

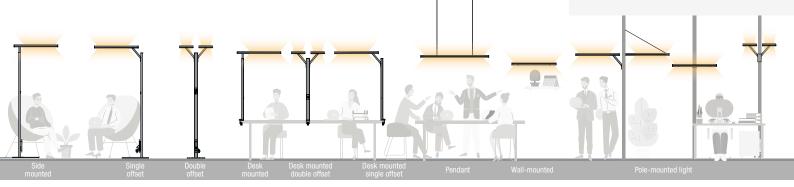
In this way, it's possible to keep the lighting quality of Ludic Touch and Tréma, adapting them to every possible configuration.

Adapting is in **OUR DNA** !

- A longer mast?
- A switch 10 cm lower?
- A different mounting system?
- A red head and a black mast?



FLOOR LAMP / Wall-mounted / Suspended



The Ludic Touch floor lamp is available in 3 versions:

- \bullet Side-mounted pole: up to 2 workstations
 - 1 swivel head (±90° rotation)
- Single offset mast: up to 2 workstations

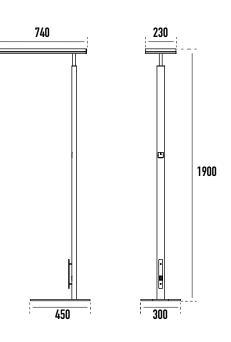
1 swivel head ($\pm 90^{\circ}$ rotation) The forward position of the head provides an additional 40 lux of light on the work surface.

• Double offset mast: up to 4 workstations 2 swivel heads (from 0 to +90° rotation)

Differentiated setting preferences (2 separate controls).

Ludic Touch is also available as wall-mounted and suspended versions:

• Wall-mounted or mounted on technical masts All Ludic Touch heads (transverse, longitudinal, single remote and double remote) are designed for installation on columns and masts for technical connections. Their fixing systems make them quick and easy to install and guarantee perfect positioning of the devices.





lighting

Ludic Touch provides direct and indirect lighting that can be controlled all at once on simultaneous versions or independently on disassociated. Each of these two versions has been developed specifically to meet all visual comfort requirements.

Simultaneous : Direct and indirect Simple lighting, light balance			
Lighting	Power / Light output	Efficiency	Confort
Direct and indirect	35W / ± 4800m	± 137 lm/W	0,29C + 0,71T
Direct and indirect	50W / ± 6530lm	± 131 lm/W	0,29C + 0,71T
LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request			

Disassociated : Direct and/or Indirect Separated lighting control & precision 240

	Lighting	Power / Light output	Efficiency	Confort
	Direct and/or indirect	15W+35W / ± 7250lm	± 145 lm/W	0,21C + 0,78T
Direct and/or indirect 15W+50W / ± 9200lm		± 142 lm/W	0,16C + 0,83T	
	LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request			

Autonomous : sensor + switch

Smart control, improved use

controls

Simultaneous : 1 push-button

On/off, dimming, light balance Voltage indicator, ideal for twilight conditions.



1 short press on/ off

• Simultaneous setting

1 long press dimming the light intensity 1 double press (sensor) light level setting

Disassociated : 1 double p-b

Separated lighting control & precision Voltage indicator, ideal for twilight conditions



Separated control and setting

indirect lighting
direct lighting

1 short press on/ off

1 long press dimming the light intensity 1 double press (sensor)

memorization of lighting levels by the user

• Presence sensing

On/Off, Only On or Only Off

• Daylight

The luminous flux is adjusted according to the level of natural light. The level can be set by the user using the push-button.

Networking

Bluetooth or Swarm feature

details

Small details that make all the difference...

Cable management with power plug



Clamp press version desk mounting



Swivel head ± 90° rotation

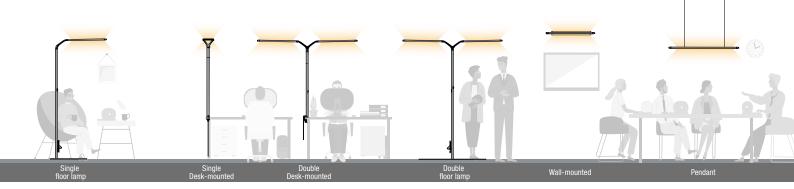
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Details p. 34





FLOOR LAMP / Wall-mounted / Suspended

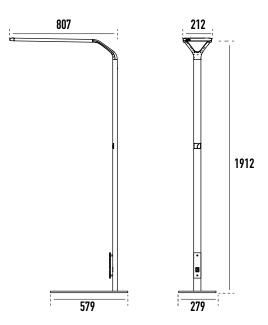


The Tréma floor lamp is available in 2 versions:

- Single-head mast: up to 2 workstations 1 fixed head
- Double-head mast: up to 4 workstations 2 fixed heads can be controlled individually Differentiated setting preferences (2 separate controls).
- Tréma is also available in wall and suspended versions















Simultaneous : Direct and indirect Simple switch-on, light balance

The Tréma range features a special light diffuser to give a high, uniform, dense and controlled light output. Tréma is perfectly suited to the lighting requirements of individual, semi-collective or collective workstations, whatever the space in which they are to be installed. Tréma is available in single or double-head versions.

Energy

Micro-engraved translucent glass.

Power	Light output	Efficiency	Confort
35W	± 4400lm	± 125 lm/W	0,55D + 0,45T
49W	± 5800lm	± 119 lm/W	0,55D + 0,45T

LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request

controls

Simultaneous : 1 push button

On/off, dimming, light balance Voltage indicator, ideal for twilight conditions.



Simultaneous setting 1 short press

on/ off 1 long press

dimming the light intensity 1 double press (sensor)

light level setting

Confort Micro-engraved translucent glass + microprismatic diffuser

Power	Light output	Efficiency	Confort
35W	± 4300lm	± 122 lm/W	0,39C + 061T
49W	± 5700lm	± 116 lm/W	0,39C + 0,61T

LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request

Autonomous : sensor + switch Smart control, improved use



Details p. 34

• Presence sensing

On/Off, Only On or Only Off

• Daylight

The luminous flux is adjusted according to the level of ambiant light. The level can be set by the user using the push-button.

• Networking Bluetooth or Swarm feature

details

Small details that make all the difference...

Cable management with power plug



Clamp press version desk mounting



Translucent head



2024 edition, more information at www.radian.fr



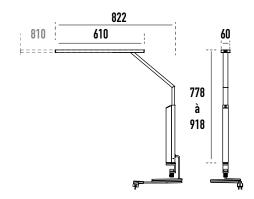


Plux is an LED table lamp

designed to provide an additional 500 to 800 lux on the work surface, while being remarkably energy-efficient

An innovative concept, Plux considerably improves the user's level of visual perception. Its «light engine», based on a technology that combines lenses and LEDs, ensures both a high level of visual comfort by controlling the beam angle and an optimum level of illumination for all applications where good vision is essential. This makes Plux a versatile solution for both office work and meticulous tasks.

One of the special features of the Plux lamp is its ingenious articulation system, which means that the lighting head can always be positioned in the central axis of the work surface, regardless of which side of the table the lamp is attached to, allowing for every possible office or workshop configuration.





Plux stands out for the efficiency, uniformity and comfort of its light output.

Its elongated head, which extends above the desk, houses an optoelectronic system that exploits the full potential of LEDs, ensuring high light output with very low energy consumption. What's more, the large number of LEDs combined with the perfect orientation of the luminous flux considerably reduces the overall luminance of the luminaire, eliminating any risk of glare and providing users with optimum working conditions.

Direct

Simple lighting dimming

Lighting	Power / Light output	Efficiency	Confort
Head 600	± 7W / ± 1000lm	145 lm/W	1A
Head 800	± 11W / ± 1600lm	145 lm/W	1A

LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request

controls

Adapted : 1 push-button On/off, dimming



details

Desk mounting

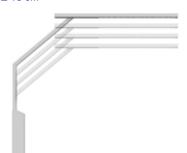
Clamp rotative press ±90°

• Adjusted settings

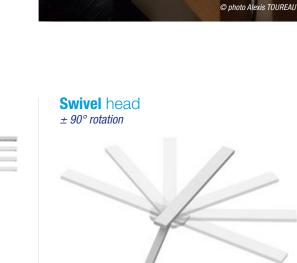
1 short press on/ off

1 long press dimming the light intensity

Telescopic stand ± 15 cm







Architectural Light-lines



Our 3 profile families offer infinite possibilities for integration.

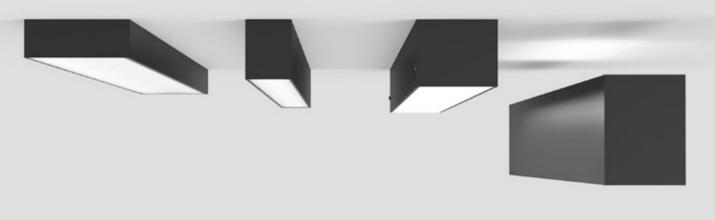
Suspended, ceiling-mounted, recessed for all types of ceiling, or wallmounted, any installation is possible.

Linear lighting such as Spaceline, Runline and Pline guarantees the most efficient and comfortable lighting, while adapting to architectural challenges.

Using light to punctuate, accompany and emphasise spaces!







Pline extra-slim profile direct lighting Runline mini profile direct lighting Spaceline compact multiple optical systems direct lighting Spaceline multiple optical systems direct and indirect lighting



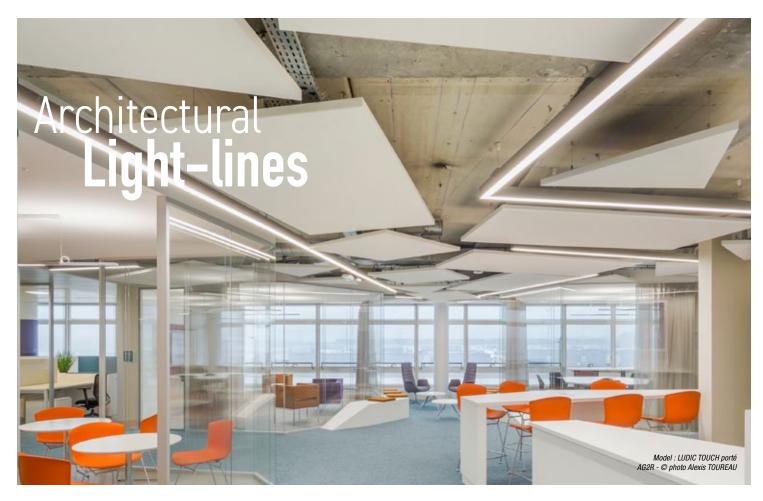


Cross-over profiles

Mounting compatible with all types of ceilings With or without ceilling frame



Quick assembly With joint bars and connectors



Not every room or building is the same. Modular ceilings, suspended ceilings, acoustic ceilings, concrete ceilings, under 2.50m high ceilings or under a 10m high atrium, it is nevertheless important to provide solutions and light quality guarantees.

Our 3 ranges of profiles, manufactured entirely in France, have been developed with this in mind.

Functionality, modularity & efficiency !

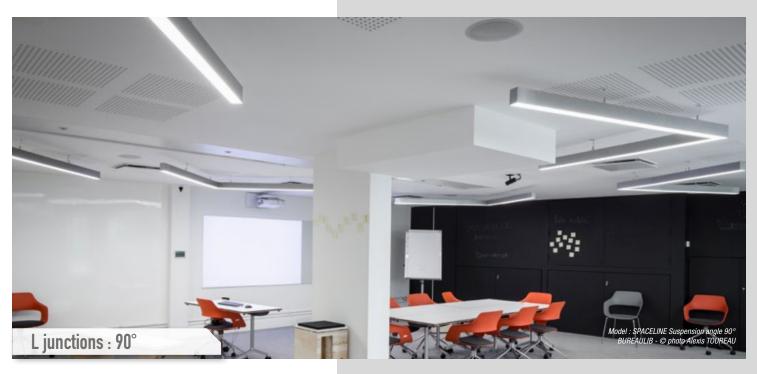
Recessed lighting individual & continous line

Our profiles can be installed in all types of suspended ceiling. With or without frame, for removable and non-removable ceilings. Systems that guarantee easy dismantling and access to luminaires for maintenance operations.

Pendant lighting individual & continous line









Diversifying without losing identity

Give free rein to your imagination to create customized structures.

By assembling a variety of standard or custom angles, you have the total freedom to turn your boldest ideas into reality. Whether you're working on an architectural project or a building project, our factory can help you turn your ideas into reality with unlimited flexibility.



Adapting is in **OUR DNA** !

- Tailor made junctions
- Tailor made length up to mm,
- Tailor-made colours
- Feel free to contact us!



VERSATILE LINEAR PROFILE



A truly integrated solution for elegantly structuring architectural spaces:

Open-plan spaces, corridors, meeting rooms, reception areas, SPACELINE is a modular lighting system designed for installation in lines or individual modules. It is available in a complete range :

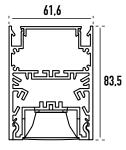
- Ceiling-mounted light
- Suspended light
- Recessed light
- Wall-mounted light

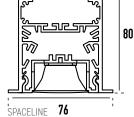
Optical systems optimised for specific applications.

SPACELINE ensures perfectly even, uniform distribution of light over long lengths, with no interruption of light or light flees, even in corners.

SPACELINE OBLIC and PRECI extend the use of this family with controlled, directed light emissions at the bottom. These direct lighting functions can be enhanced by indirect lighting to improve the quality of visual perception.

Modules for in-line or individual installation are available in 4 lengths ranging from 840 mm to 2240 mm and can be combined with 90° corner modules.





61,6

SPACELINE **STANDARD**

61,6

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N

SPACELINE

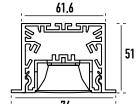
COMPACT

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SPACELINE RECESSED

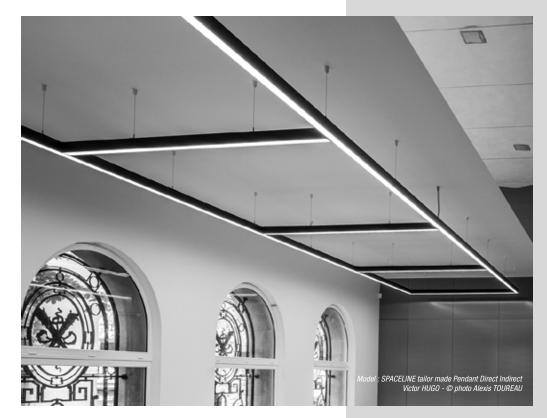


SPACELINE **76** Compact recessed









The line of all spaces

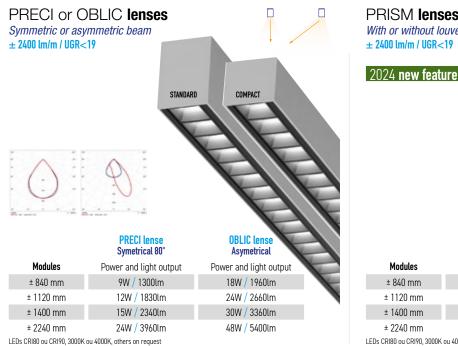
SPACELINE distributes light evenly over long distances without interruption, even in corners.

Workspaces, meeting rooms, corridors, shops, cultural centre, schools

•••

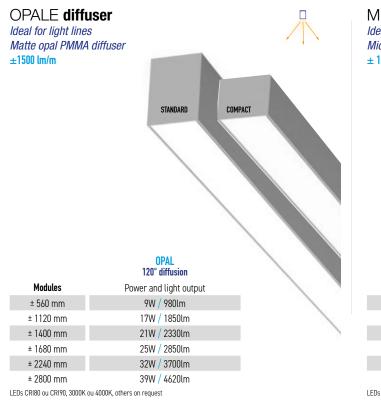
SPACELINE : The linear cross-over system

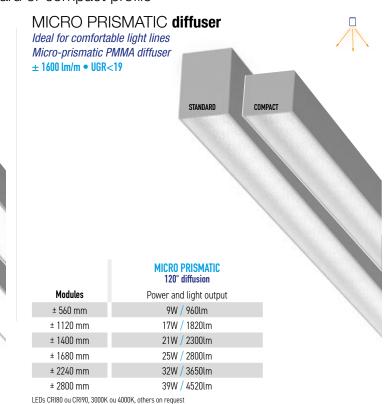
direct lighting witch lenses / standard or compact profile



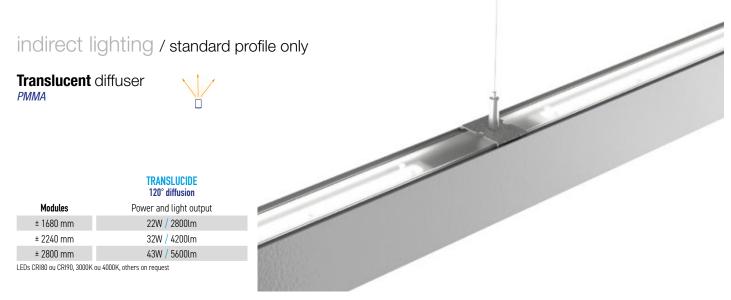
PRISM lens With or without lo ± 2400 lm/m / UGR< 2024 new featu	uver housing	
	Collimateur PRISMATIQUE Symétrique 60°	E
Modules	Power and light output	
± 840 mm	9W / 1300lm	
± 1120 mm	12W / 1830lm	
± 1400 mm	15W / 2340lm	
± 2240 mm	24W / 3960lm	
LEDs CRI80 ou CRI90, 3000K	ou 4000K, others on request	

direct lighting witch diffusers / standard or compact profile



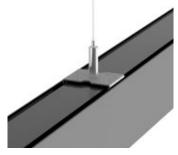


SPACELINE



installations

All the luminaires in the SPACELINE range are available as individual modules or as modules for lining up. They are available in a range of lengths and can be combined with corner modules, opening up infinite possibilities for layout, assembly and combinations to emphasise or structure space.



- Suspended
- standard or compact profile
- quick adjustements
- fixing system can slide, enabling free positioning



• standard ou compact profile

- invisible bracket fixing.
- flush ceiling position



Recessed

- standard ou compact profile
 with frame 76 mm
- without frame 61,6 mm
- ceiling thickness from 3 to 2 mm



Wall mounted • standard ou compact profile • wall mouting • 50 mm woll offect

• 50 mm wall offset

tailor-made continuous line - Gives free rein to the imagination



Continuous line assembly Fast, reliable connection system for perfect continuity of the light line.

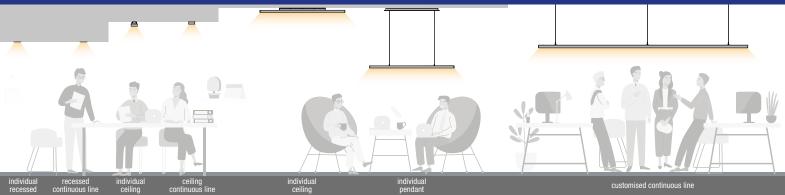


L junctions With fast, reliable connection systems. Continuous light flux even in corners



Custom angles Adapting to architecture, creating innovative shapes, giving free rein to your imagination.





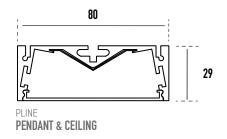
Pline is a modular, extra-flat LED lighting system with a minimalist design, designed to meet the lighting needs of workspaces, whether open-plan, individual offices, corridors, meeting rooms or reception areas.

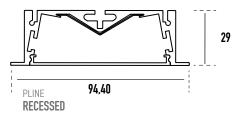
It comes in a complete range :

- Ceiling-mounted light
- Suspended light
- Recessed light

The Pline range comes in the form of modules for individual installation or modules for continuous row lighting. These modules are available in a wide range of sizes, from 30 cm to 2.80 m, and are complemented by a 90° angle system.

Pline stands out for its immediately perceptible quality and comfort of illumination, resulting from its «light chamber» with double lateral reflection that redirects the flux towards an opalised diffuser, or towards a diffuser with a double opalised and prismatic structure.









lighting

OPALE **diffuser** Matte opal PMMA diffuser

 \pm 1650 lm/m

PRISMATIC **diffuser** Ideal for comfortable light lines Micro-prismatic PMMA diffuser ± 1550 lm/m / UGR<19

Modules	OPAL 120° diffusion
± 300 mm «compact»	± 4W / ± 420lm
± 560 mm	± 8W / ± 800lm
± 1120 mm	± 17W / ± 1850lm
± 1400 mm	± 20W / ± 2320lm
± 1680 mm	± 24W / ± 2780lm
± 2240 mm	± 31W / ± 3700lm
± 2800 mm	± 39W / ± 4630lm
LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request	

Modules	PRISMATIC 120° diffusion	
± 300 mm «compact»	± 4W / ± 420lm	
± 560 mm	± 8W / ± 800lm	
± 1120 mm	± 17W / ± 1740lm	
± 1400 mm	± 20W / ± 2170lm	
± 1680 mm	± 24W / ± 2600lm	
± 2240 mm	± 31W / ± 3470lm	
± 2800 mm	± 39W / ± 4340lm	
LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request		

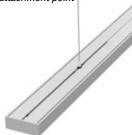
installations

All the units in the PLINE range are available as individual modules or as modules for lining up.

They are available in a range of lengths and can be combined with corner modules, opening up infinite possibilities for layout, assembly and combinations to emphasise or structure space.

Pendant

- quick adjustments
- fixed distance between attachment point



Ceiling pendant accesory

- can be powered by wires
- easy height adjustment



Ceiling mounted

- position offset from the ceiling
- with frame 94,4 mm
 without frame 80 mm

Recessed

• ceiling thickness from 3 to 25mm



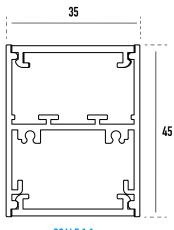


Runline is a modular LED lighting system, designed for line-up or individual installation.

It comes in a complete family:

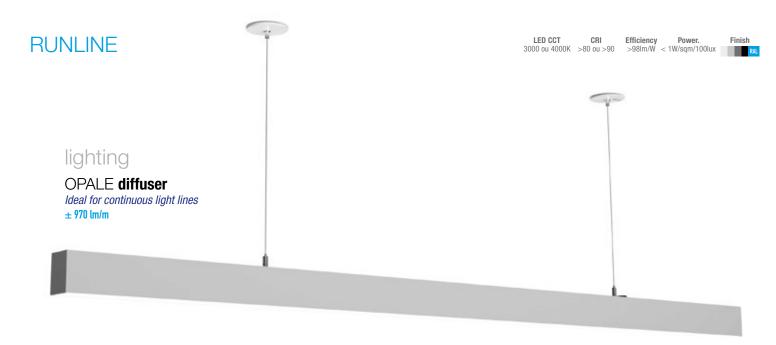
- Suspended light
- Ceiling-mounted light
- Recessed light

Runline is the linear lighting solution for structuring architectural spaces. Runline stands out for its modularity and small size, which means it can be adapted to any space thanks to its «L», «T» and «X» corner modules.









	OPAL 120° diffusion	
Modules		\leftarrow
± 560 mm	7W / 540lm	
± 1120 mm	12W / 1080lm	
± 1680 mm	17W / 1620lm	
± 2240 mm	22W / 2160lm	
± 2800 mm	27W / 2700lm	
LED- CDI00 CDI00 2000/		

LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request

installations

All the luminaires in the RUNLINE range are available as individual modules or as modules for lining up.

They are available in a range of lengths and can be combined with corner modules, opening up infinite possibilities for layout, assembly and combinations to emphasise or structure space.

Pendant

- quick adjustments
- fixed distance between attachment point



Ceiling-mounted

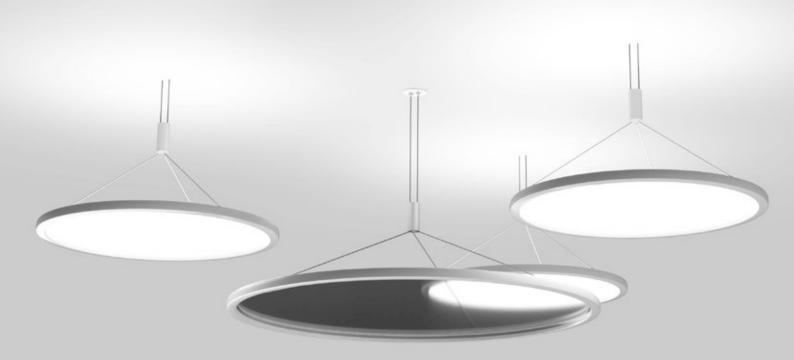
• concealed fixing with flush ceiling bracket



Recessed

- with frame 76 mm
- without frame 61.6 mm
- ceiling thickness from 3 to 25mm





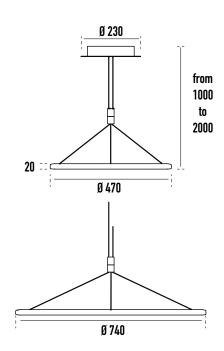
SCÉNARI



Scenari pendants stand out for the finesse and purity of their curved profile.

The electrical connection via the fixing wires means there's no need for an additional power cable, accentuating the lightness of the suspension in the room. Thanks to their innovative lighting system, Scénari suspended luminaires provide effective, shadow-free illumination of large surfaces (individual or island work areas, meeting rooms, reception desks, etc.), giving users optimum working comfort.

Scénari is an innovative, attractive solution that occupies space in a light, unobtrusive way.



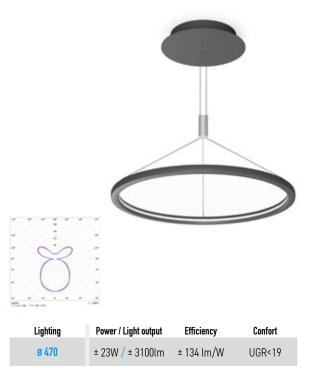


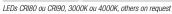


lighting

Simultaneous : Direct and indirect Simple switch-on, light balance

A LEDs line source placed around the perimeter of the circle delivers its light uniformly along the PMMA plate. The light beam penetrates the diffusing body at its edge and encounters micro-engraved cylindrical obstacles. It is these micro-perforations that refract the light in two opposite directions, perpendicular to the plate, emitting both direct and indirect scattering. The photometry (below) illustrates the very controlled diffusion in the direct part and very spread out in the indirect part.





details & installations

Small details that make all the difference...

- Dimmable via DALI and push-button as standard
- Low-voltage power supply via suspension cables



LEDs CRI80 ou CRI90, 3000K ou 4000K, others on request

Ceiling pendant accesory • for removable ceiling



- **Ceiling** pendant accesory
- for non removable ceiling



Translucent diffuser plate



Smart lighting

All our luminaires incorporate a dimming system as standard. There are many ways of dimming lighting, both so that it adapts to the building management system and so that it adapts to the users themselves.

There are many benefits to be gained from these intelligent systems.

Improving usage, reducing power consumption, extending service life, facilitating maintenance...



Relevant light

DALI, DALI-2, D4i: DALI DALI

By selecting quality components, Radian guarantees that all its luminaires are compatible with the latest communication protocols.

Wireless controls: CASAMBI 🛠 matter

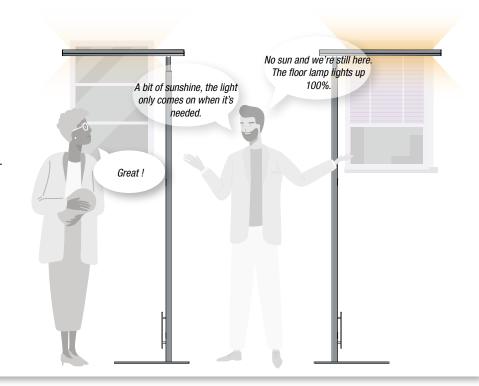
Whether using Bluetooth CASAMBI or emerging protocols such as MATTER, we can offer you wireless control of our luminaires.



PDLC function

Presence Detection and Light Control

Our luminaires can incorporate presence and light sensors. In this way, the luminaires only provide as much light as is needed and reduce their power output in favour of natural light and energy efficiency, even going so far as to switch off when the workstation is unoccupied.





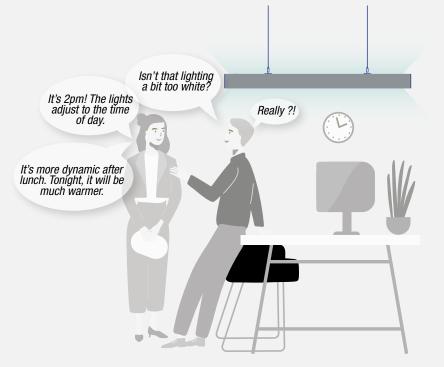
Swarm function

In addition to the PDLC function, it may be necessary and convenient to maintain the lighting level around the detection zone. With the Swarm feature, the other luminaires in the area are kept at a standby level for as long as a person is detected at their workstation.

Tunable white

Unlike traditional solutions with a fixed colour temperature, dynamic white allows the colour temperature of the light to be adjusted.

This technology allows users to select the light that suits them best. It can also be combined with a clock to reproduce the natural cycle of the sun. In this way, we can resynchronize our biological clock to be more efficient during the day and more rested at night.



Autonomous & integrated



Lighting control systems are often linked to building management systems. In the case of nomadic luminaires, such as floor lamps and task lights, there are several control solutions to enable them to operate autonomously.

We integrate them directly into the luminaire. Where necessary, they can also be connected to the building via a wireless protocol.

- Presence sensor
 On/Off, Only On or Only Off
- Daylight

The luminous flux is adjusted according to the level of ambiant light.

Level can be set by the user using the push-button.

Networking

Bluetooth or swarm feature



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