



Street Lighting

LED Fixtures - Complete Solution



www.ecp.com.br

Energy savings for your district



Safety and well-being

Public lighting is related to the well-being and safety of thousands of people.

The district administration should seek an efficient and modern public lighting system.

Saving resources for the district

The Public Lighting represents a significant monthly value to the resources of the district

Improve and Save

ECP's LED luminaires, in addition to ensuring correct regulatory compliance, offer a significant reduction in power consumption, and a visual effect that conveys safety, sense of modernity and improvement to users.

Made in Brazil

For 30 years producing in Brazil, and allied to a cooperation agreement with OSRAM of Germany, we offer high technology products and a post sale that reflects quality assurance, tranquility and economy.

Consult ECP LED solutions

Best value for money

Our LED luminaires - Line HBP, meet all types of road classification, with adequate power and light distribution, aiming at the best result and maximum economy.

So your district can choose:

1 - Lower investment and maximum energy savings

- Maintaining the existing lighting plan by making only a direct replacement of the old energy-efficient luminaire by a modern LED luminaire with low power consumption.
- The feeling of modernity safety and well-being will be perceived.

2 - Evolution and modernization combined with energy saving

- Modernization with Study of adequacy to standards.
- The main arterial roads can receive LED luminaires with optimized performance, with lenses for distribution of light along the road and the public promenade, reducing dazzle to drivers as well as blind spots.

ANTIQUE AND CONVENTIONAL LIGHTING



LED LIGHTNING



Solution in road lighting

up to
58%
Energy
Savings

Luminotechnical Project

Qualified professionals

We offer qualified professionals to perform a complete lighting project.

With a suitable and planned project it is possible

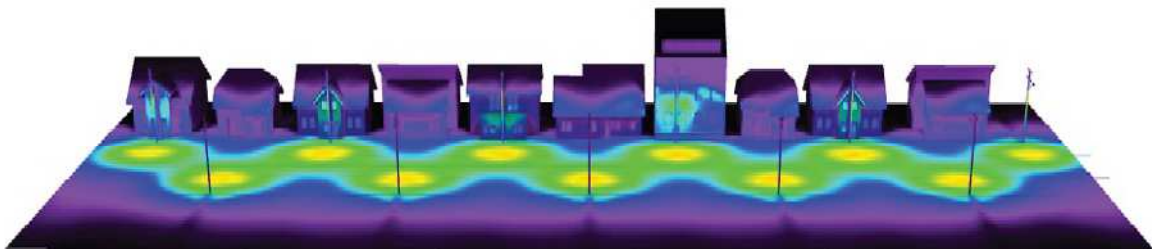
- Meet the current technical standards in a clear and familiar way.
- Find a solution that meets the needs of safety and comfort, allied to the saving of electricity.
- Fast return on investment.

Decision Making

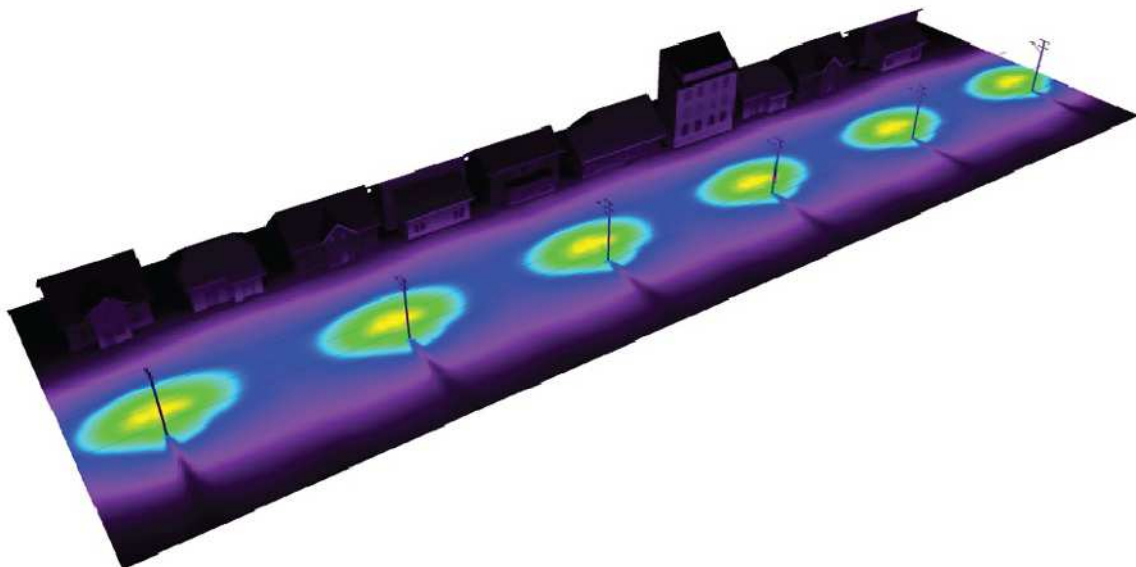
- We guarantee a wide analysis for the decision making regarding the definition of the most efficient and economical lighting system, allowing to obtain the best cost-benefit relation.

The lighting design allows

Uniform distribution along the public thoroughfare and promenade
Less invasive light on the facade of the residences



Illumination concentrated and distributed along the road

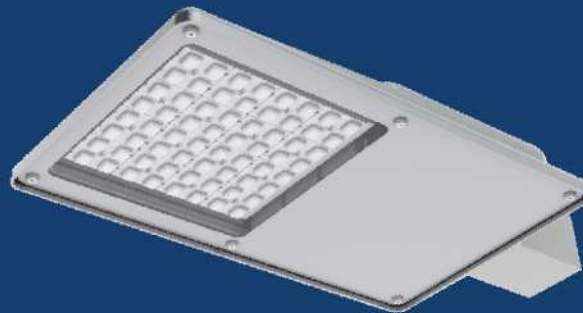


LED Fixtures - HBP Line

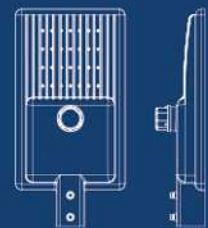
With differentiated design, HBP LED luminaires integrate with the urban plan of any municipality, and can be applied in public streets and commercial areas, as well as residential condominiums. HBP luminaires have high performance, functionality and aesthetics.



State-of-the-art LED technology



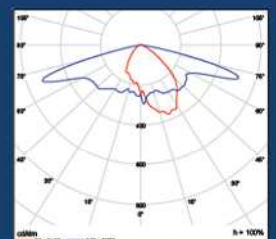
Base for photoelectric relay
 - 3-pin conventional
 - 3 or 7-pin Tele management



Optional accessory allows mounting up to 90°

Technical Characteristics

Color Temperature - TCC	4000K / 5700K / 6500K
Operating Temperature	-20 ° C to +45 ° C
Power Supply Voltage	Automatic full range 127 / 220V - 50 / 60Hz
Power rating	45W to 250W
Lumens	4.800lm up to 26.000lm
Surge Protection	ANSI / IEEE Standard C62.41.2 - 10kV / 10kA
Lifespan	50,000 hours (equivalent to more than 11 years)
Harmonic Content	According to IEC 61000-3-2 / THD <10%
Degree of Protection (IP)	IP 66
Impact Resistance	IK08
Body	High Pressure Injected Aluminum
Color of the Lamp	Standard White (other colors on request)
Post	Connection to arm with diameter from 48 to 60,3mm



Corrective lens curvade example



Our Structure

With three modern factories with the latest generation equipment, allied to a team of highly qualified professionals, high performance and reliable products.



Latest Generation LEDs

Supply agreement with OSRAM of Germany as our strong partner, use of state-of-the-art LEDs, providing maximum energy savings and service life.



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LED
PRROFIMAL LINE 

