AEC ILLUMINAZIONE

FIRENZE
EVO

Tradizione
innovazione

Tradition and Innovation

Realizzata in pressofusione di alluminio, la nuova lanterna Firenze EVO combina leggerezza e lunga durabilità, offrendo una soluzione affidabile ed elegante, integrando le più moderne ed efficienti tecnologie di illuminazione LED.

Made of die-cast aluminum, the new Firenze EVO lantern combines lightness and long durability, offering a reliable and elegant solution, integrating the most modern and efficient LED lighting technologies.

Firenze Evo

Totale **affidabilità**

Total Reliability

La scelta dell'alluminio a basso tenore di rame offre una eccellente resistenza alla corrosione, senza compromettere estetica e funzionalità. Il vano ottico è protetto da uno schermo in vetro piano temperato (satinato in opzione), ad elevata resistenza agli urti. Il sistema di apertura è assicurato con guarnizioni prive di punti di giunzione per garantire una elevata durabilità. Il cavo di alimentazione è nascosto da un elemento funzionale di protezione senza alterare l'estetica del prodotto.

The choice of low copper aluminum offers excellent resistance to corrosion, without compromising aesthetics and functionality. The optical compartment is protected by a tempered flat screen (satin glass as optional), with high impact resistance. The opening system is ensured with gaskets without joints to ensure high durability over time. The power cable is hidden by a functional protection element without altering the aesthetics of the product.

Apertura senza **utensili**

Tool-Free Opening

Accesso semplificato
Simplified access

Attività di cablaggio semplificata
Simplified wiring activity

Facile manutenzione
Easy maintenance

Ottica **avanzata**

Advanced optic technology

Pensata per contesti urbani, il design della lanterna è studiato per garantire la minima proiezione di ombre, massimizzando così il comfort visivo e assicurando al contempo un'efficienza energetica ottimale.

Designed for urban environments, the lantern's design is crafted to ensure minimal shadow projection, thus maximizing visual comfort while simultaneously ensuring optimal energy efficiency.

FIRENZE
EVO

Tunable **white**

Il bianco dinamico di AEC Illuminazione è una tecnologia che permette di modulare la temperatura di colore della luce bianca, variandola da tonalità più calde a tonalità più fredde in modo dinamico. Il sistema può adeguarsi alle variazioni naturali della luce durante la giornata. Un approccio innovativo che coniuga design e tecnologia per offrire una soluzione di illuminazione che risponde alle necessità dell'ecosistema.

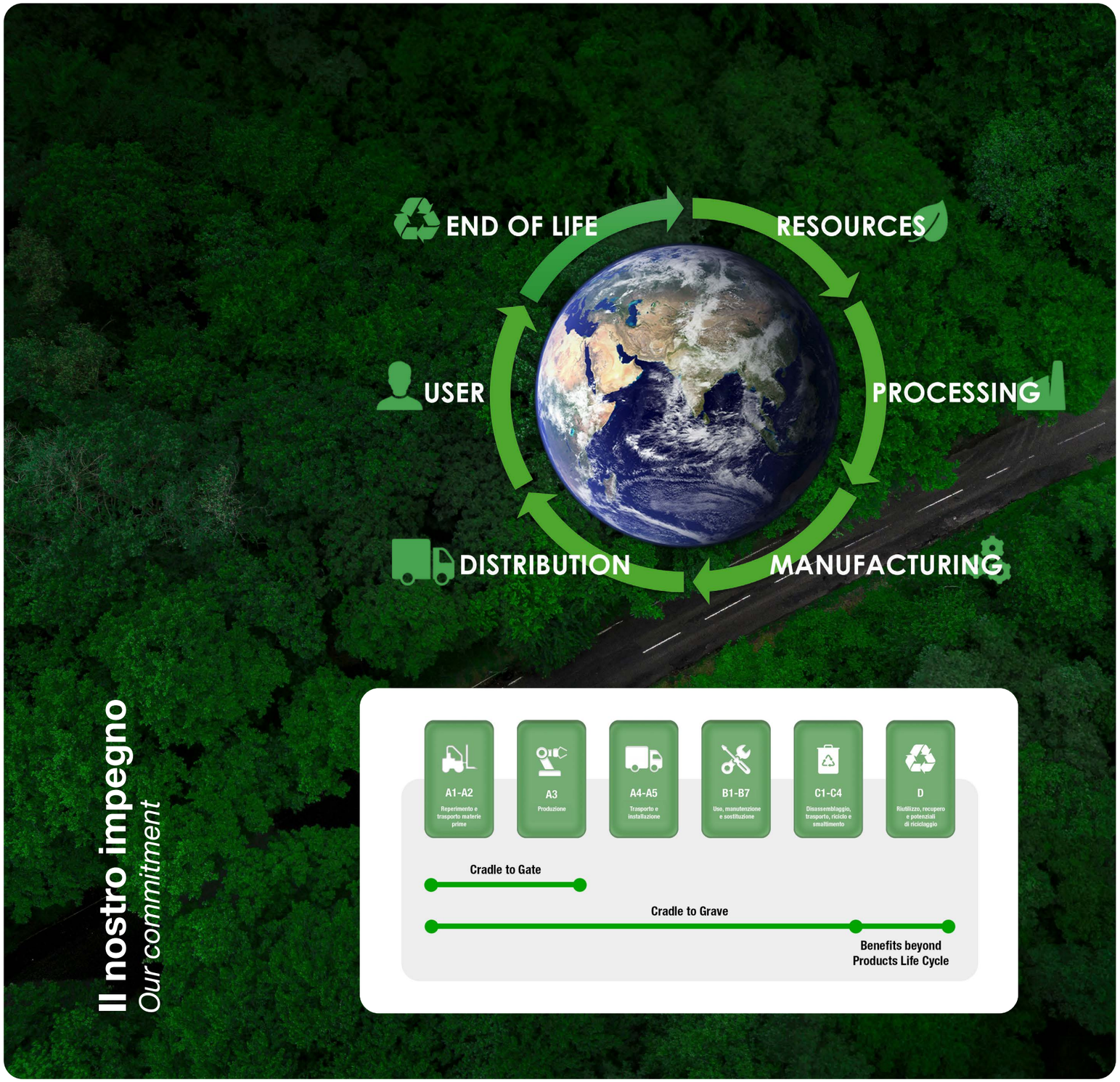
AEC Illuminazione's dynamic white is a technology that allows you to modulate the color temperature of white light, varying it from warmer tones to colder tones dynamically. The system can adapt to the natural variations of light during the day. An innovative approach that combines design and technology to offer a lighting solution that responds to the needs of the ecosystem..

The Lighting **Scenario**

Sostenibilità **certificata**

FIRENZE EVO è stata sottoposta ad un'**Analisi del Ciclo di Vita (LCA)** per valutarne l'impronta ambientale in tutte le fasi, dall'estrazione delle materie prime allo smaltimento e riciclo. AEC ha eseguito l'analisi internamente con il proprio **LCA-Tool certificato**, garantendo precisione e trasparenza. FIRENZE EVO è in fase di verifica per ottenere la **certificazione EPD**, dimostrando l'impegno di AEC verso la sostenibilità e la produzione responsabile, aiutando i clienti a fare scelte più consapevoli e sostenibili.

*FIRENZE EVO has undergone a **Life Cycle Assessment (LCA)** to scientifically evaluate its environmental footprint throughout all stages of its life cycle, from raw material extraction to disposal and recycling. AEC conducted this analysis internally using its **certified LCA-Tool**, ensuring precision and transparency in the results. FIRENZE EVO is currently undergoing verification to obtain **EPD certification**, demonstrating AEC's commitment to meeting the highest international sustainability standards, promoting more responsible production, and enabling customers to make more informed and sustainable choices for their projects.*



Il nostro impegno
Our commitment

Tecnologia **smart**

Smart technology

L'illuminazione della lanterna Firenze Evo, può essere controllata in maniera efficiente, sostenibile e smart. La lanterna può essere infatti configurata con uno dei seguenti profili di dimmerazione opzionali:

The lighting of the Firenze Evo lantern can be controlled in an efficient, sustainable and smart way. The lantern can be configured with one of the following optional dimming profiles:

Dimmerazione automatica (DA)
Automatic dimming
Con profilo di mezzanotte virtuale
With virtual midnight profile

Profilo DA custom (DAC)
Custom DA profile
Per una dimmerazione personalizzabile
For customizable dimming

Flusso luminoso costante (FLC)
Constant light flux
Garantendo un'illuminazione uniforme e stabile
Ensuring uniform and stable lighting

Dimmerazione digitale DALI
Digital dimming interface
Gestione precisa e intelligente
Precise and intelligent management

ZHAGA
Predisposizione per controllo da remoto
e integrazione con sensori avanzati
Provision for remote control and integration with advanced sensors

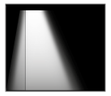
Caratteristiche principali
Main Features

FIRENZE EVO

Gruppo ottico
Available Optics

EXEMPT GROUP

SL 05/07

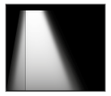


Ottica asimmetrica per illuminazione stradale, urbana e aree verdi.
Asymmetric optics for street, urban and green area lighting.

SLU-M/S

Ottica asimmetrica per illuminazione stradale, urbana e ciclopedonale.
Asymmetric optics for street, urban and cycle/pedestrian lighting.

SLE-M/S



Ottica asimmetrica per illuminazione stradale extraurbana.
Asymmetric optics for extra-urban street lighting.

SLS

Ottica simmetrica per illuminazione stradale, urbana e aree verdi.
Symmetrical optics for street, urban and green area lighting.

Classe di isolamento
Insulation class

II, I

Grado di protezione
Protection Degree

IP 66 IK 09

IP66 | IK09
IP66 | IK09

Peso
Weight

Max. 7.5 kg

Superficie esposta
Exposed surface

Laterale: 0.08m² | Pianta: 0.15m² | SCx: 1.2m²
Side: 0.08m² | Top: 0.15m² | SC: 1.2m²

Montaggio
Mounting

Installazione portata per femmina 1/2”
GAS, 3/4” GAS, Ø60mm in opzione con adattatore.

S: Installazione sospesa per femmina 1/2” GAS, 3/4” GAS.
Disponibile in due lunghezze (80mm e 150mm) in funzione della mensola prevista.

Post top installation for female 1/2” GAS, 3/4” GAS, Ø60mm in option with adapter.

S: Suspended installation for female 1/2” GAS, 3/4” GAS. Available in two lengths (80mm and 150mm) depending on the bracket provided.

Temperatura di esercizio
Operating Temperature

-40°C / +50°C

Protezione sovratensioni
Surge Protection

Fino a 12 kV
Up to 12 kV

Temperatura di colore
Color Temperature

CRI ≥ 70
2200K | 2700K | 3000K | 4000K

***Bianco dinamico**
Tunable White

2200K 2700K 3000K

Possibilità di emettere differenti tonalità di luce da 2200K a 3000K.
Altre configurazioni su richiesta.
Possibility of emitting different colour temperatures from 2200K to 3000K.
Other configurations on request.

Sistemi di controllo
Lighting Control Systems

F DA DAC FLC ZHAGA

Certificazioni
Certifications

Colori disponibili
Available Colors

Grafite 01
Graphite 01

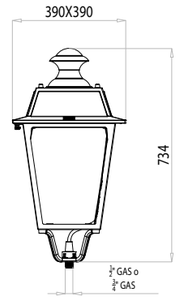
*Colori custom
Custom colors

*Su richiesta
Upon request

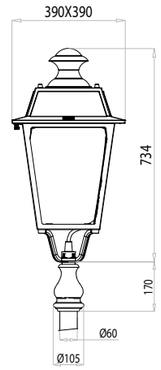
AEC ILLUMINAZIONE

Dimensioni
Dimensions

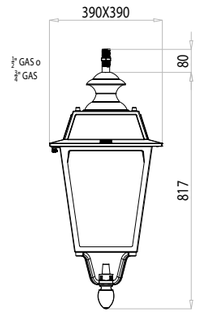
FIRENZE EVO
Installazione portata ½”GAS o ¾”GAS
Post top installation ½”GAS or ¾”GAS



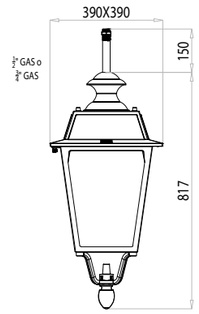
FIRENZE EVO
Installazione portata per cima-palo ø60mm
Post top installation ø60mm



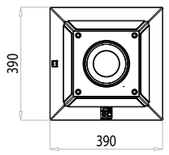
FIRENZE EVO S
Installazione Sospesa ½”GAS o ¾”GAS
Attacco L=80mm
Suspended installation ½”GAS or ¾”GAS
L=80mm fixing type



FIRENZE EVO S
Installazione Sospesa ½”GAS o ¾”GAS
Attacco L=150mm
Suspended installation ½”GAS or ¾”GAS
L=150mm fixing type



Flussi e potenze
Luminous flux and power



Installazione portata
Post top installation

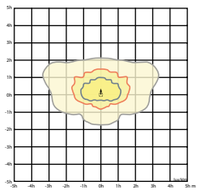
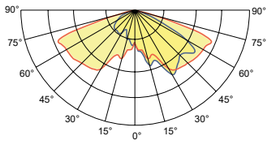
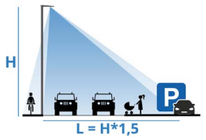
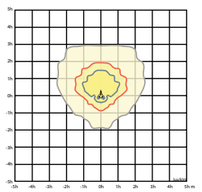
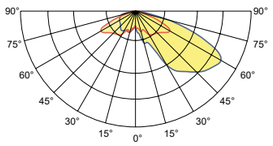
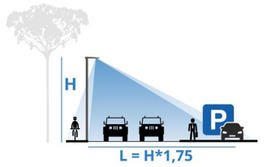
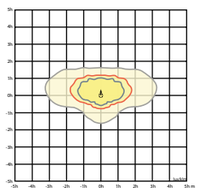
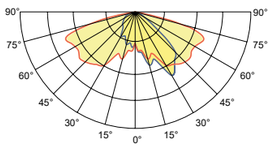
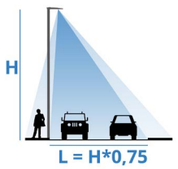
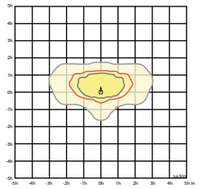
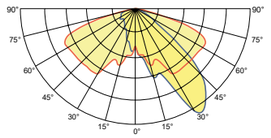
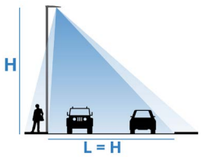
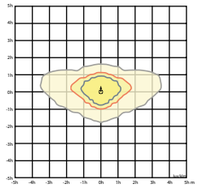
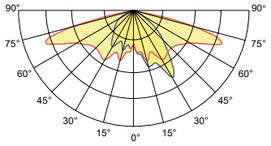
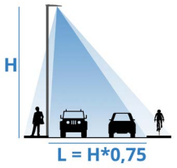
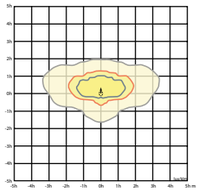
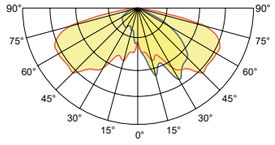
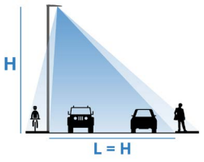
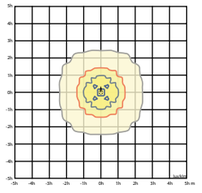
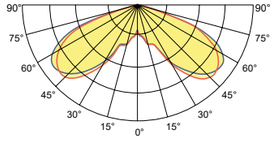
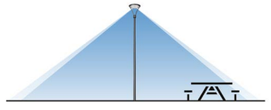
Installazione portata per cima-palo
Post top installation

Installazione sospesa 80mm
Post top installation 80mm

Installazione sospesa 150mm
Post top installation 150mm

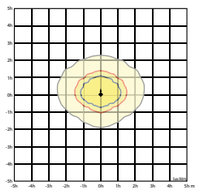
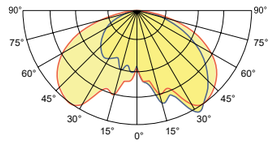
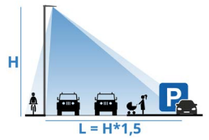
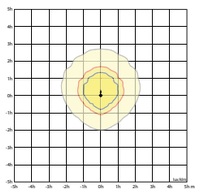
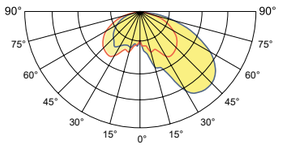
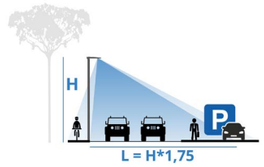
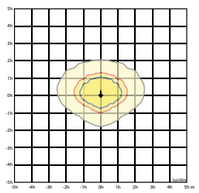
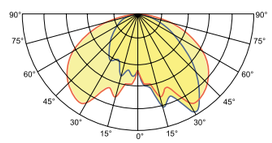
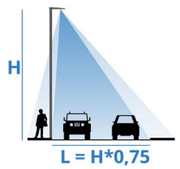
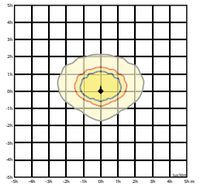
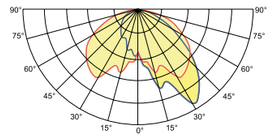
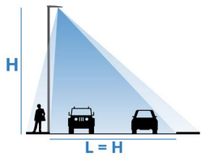
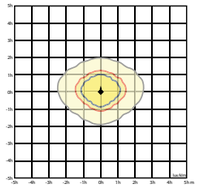
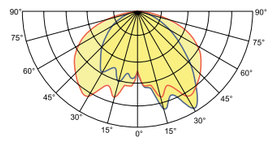
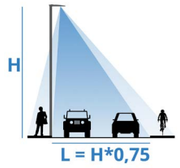
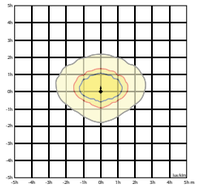
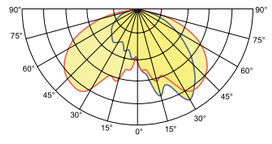
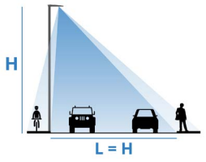
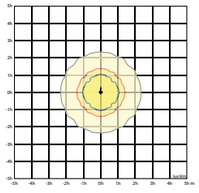
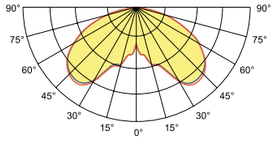
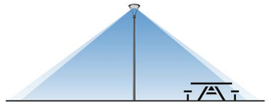
DISTRIBUZIONI OTTICHE: **VETRO EXTRA CLEAR**
*OPTICAL DISTRIBUTIONS: **EXTRA CLEAR GLASS***

FIRENZE EVO

NOME OTTICA *OPTIC NAME*	ISOLUX	POLARE	APPLICAZIONE *APPLICATION*
SL05 Ottica asimmetrica per illuminazione stradale, urbana e aree verdi. *Asymmetric optics for street, urban and green area lighting.*			
SL07 Ottica asimmetrica per illuminazione stradale, urbana e aree verdi. *Asymmetric optics for street, urban and green area lighting.*			
SLE-S Ottica asimmetrica per illuminazione stradale extraurbana. *Asymmetric optics for extra-urban street lighting*			
SLE-M Ottica asimmetrica per illuminazione stradale extraurbana. *Asymmetric optics for extra-urban street lighting*			
SLU-S Ottica asimmetrica per illuminazione stradale, urbana e ciclopedonale. *Asymmetric optics for street, urban and cycle/pedestrian lighting.*			
SLU-M Ottica asimmetrica per illuminazione stradale, urbana e ciclopedonale. *Asymmetric optics for street, urban and cycle/pedestrian lighting.*			
SLS Ottica simmetrica per illuminazione stradale, urbana e aree verdi. *Symmetrical optics for street, urban and green area lighting.*			

DISTRIBUZIONI OTTICHE: **VETRO SATINATO**
*OPTICAL DISTRIBUTIONS: **SATIN GLASS***

FIRENZE EVO

NOME OTTICA *OPTIC NAME*	ISOLUX	POLARE	APPLICAZIONE *APPLICATION*
SL05 Ottica asimmetrica per illuminazione stradale, urbana e aree verdi. *Asymmetric optics for street, urban and green area lighting.*			
SL07 Ottica asimmetrica per illuminazione stradale, urbana e aree verdi. *Asymmetric optics for street, urban and green area lighting.*			
SLE-S Ottica asimmetrica per illuminazione stradale extraurbana. *Asymmetric optics for extra-urban street lighting.*			
SLE-M Ottica asimmetrica per illuminazione stradale extraurbana. *Asymmetric optics for extra-urban street lighting.*			
SLU-S Ottica asimmetrica per illuminazione stradale, urbana e ciclopedonale. *Asymmetric optics for street, urban and cycle/pedestrian lighting.*			
SLU-M Ottica asimmetrica per illuminazione stradale, urbana e ciclopedonale. *Asymmetric optics for street, urban and cycle/pedestrian lighting.*			
SLS Ottica simmetrica per illuminazione stradale, urbana e aree verdi. *Symmetrical optics for street, urban and green area lighting.*			

Schermi **laterali**

Side Screens

La lanterna può essere integrata con schermi laterali di diversa tipologia, trasparenti o satinati, per adattarsi alle varie esigenze dell'arredo urbano. La lanterna è inoltre disponibile con schermi laterali anti-emissione, per un utilizzo ancora più versatile.

The LED lantern can be fitted with various types of side screens, transparent or satins, to meet the diverse requirements of urban lighting. Additionally, the lantern is available with anti-emission side screens, offering greater versatility.

Schermo trasparente
Transparent screen

Schermo satinato
Satin screen

Schermo anti emissione
Anti-emission screen

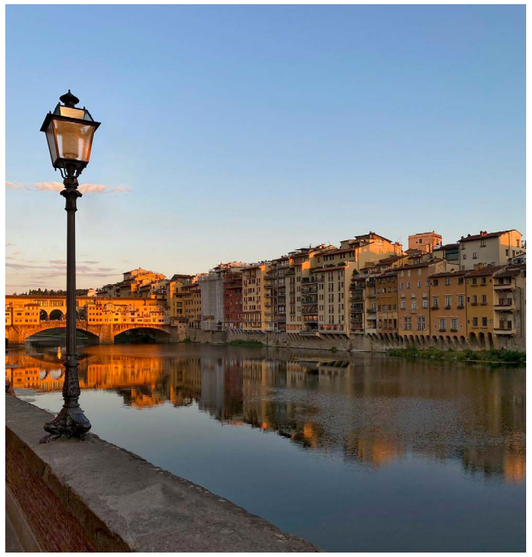
AEC RIDISEGNA FIRENZE

Era il 1966 quando AEC fu incaricata per la prima volta a ricostruire gli storici candelabri di Firenze a seguito della grande alluvione, gli stessi che illuminano ancora oggi il suggestivo Lungarno e le vie del Centro Storico.

AEC, ispirata dalla bellezza della lanterna fiorentina, ha progettato Firenze Evo, utilizzando una nuova tecnologia ottica e materiali di assoluta qualità. La nuova lanterna mantiene il fascino della tradizione, offrendo al contempo caratteristiche più efficienti e durature.

It was in 1966 when AEC was commissioned to reconstruct the historic street lamps of the city of Florence following the great flood, the same ones that still illuminate the Lungarno and the streets of the Historic Center.

Inspired by the beauty of the historic lantern, AEC has recently redesigned the new Firenze lantern, using new optical technology and high-quality materials. The new lantern maintains the charm of tradition while offering more efficient and durable features.

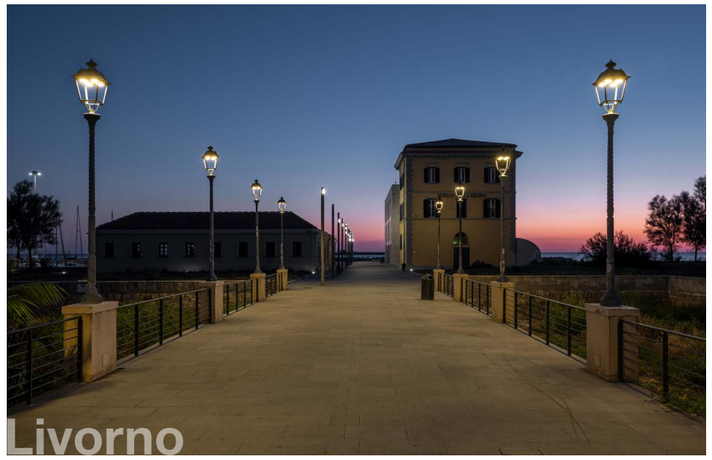


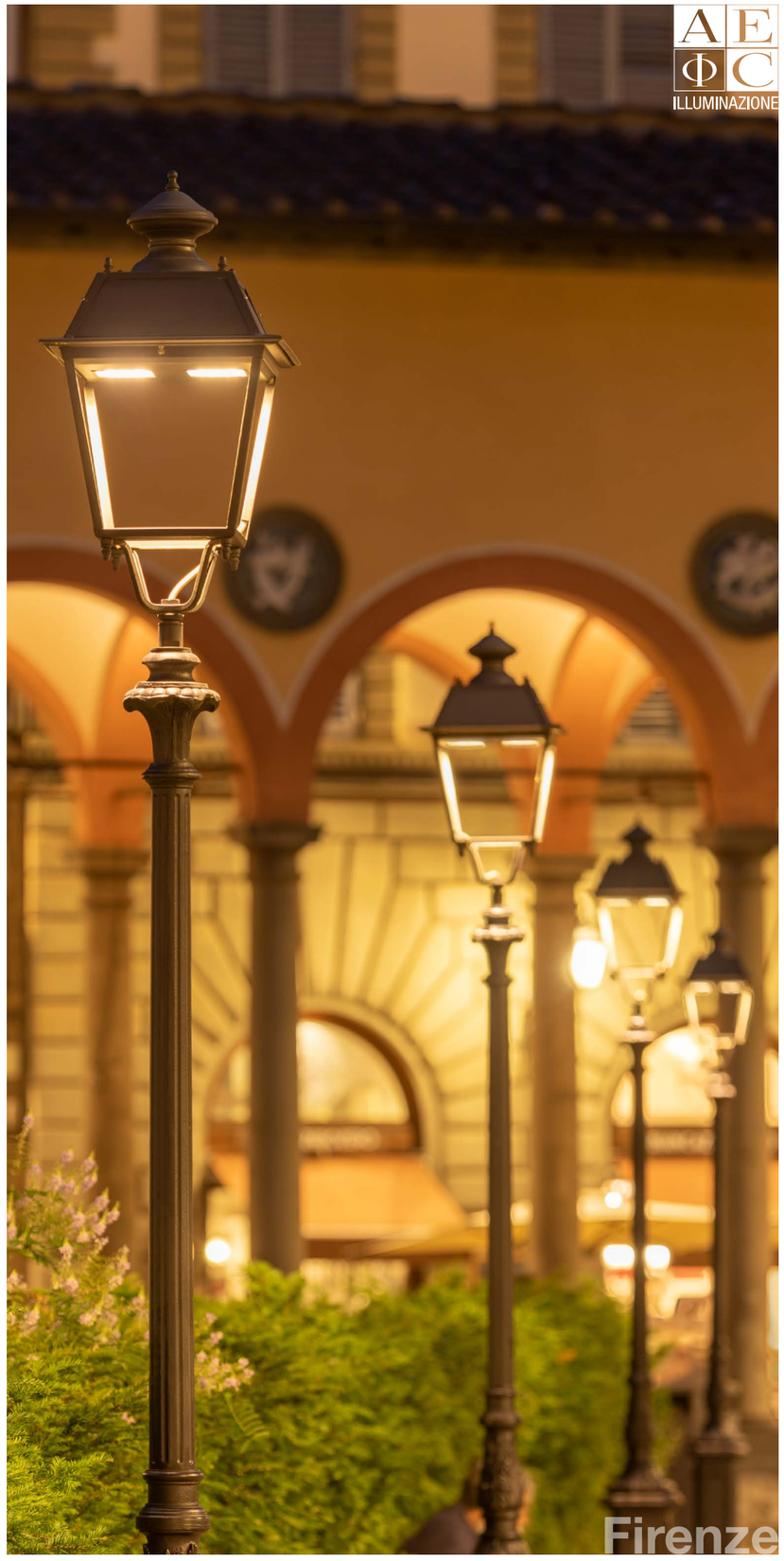
Portiamo alla **luce** la **storia**

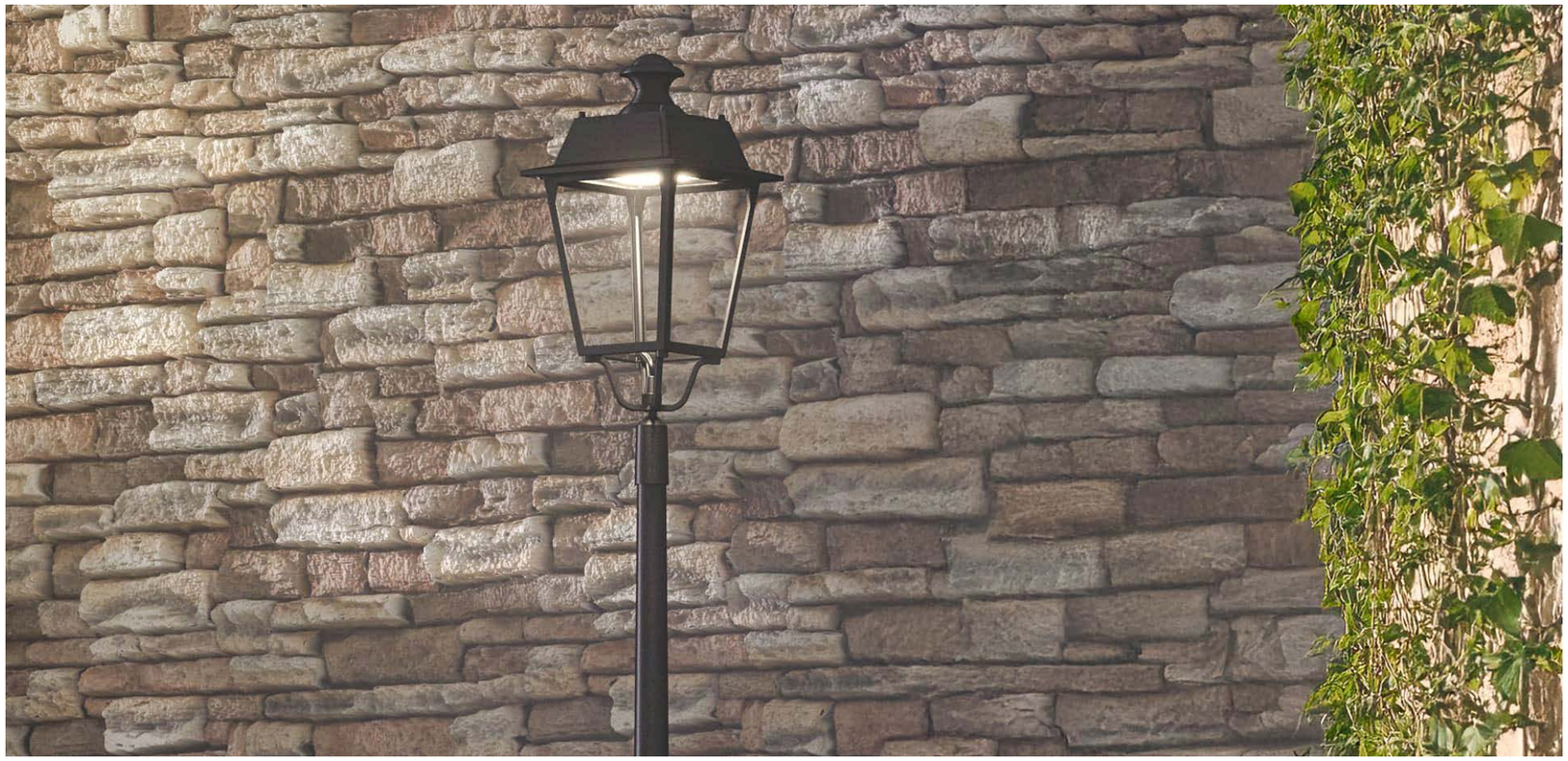
We Bring History to Light

Da oltre sessant'anni, AEC illumina i preziosi centri storici italiani, collaborando con i migliori professionisti per valorizzare il nostro patrimonio artistico. Ogni progetto è curato nei minimi dettagli, rispettando ed esaltando l'estetica e l'architettura storica di ogni luogo. Grazie a tecnologie all'avanguardia e a un team di esperti, AEC crea atmosfere suggestive, contribuendo a preservare e promuovere la nostra ricca eredità culturale.

For over sixty years, AEC has been illuminating Italy's precious historic centers, collaborating with the best professionals to enhance our artistic heritage. Each project is curated down to the smallest details, respecting and enhancing the aesthetics and historic architecture of each place. Thanks to cutting-edge technologies and a team of experts, AEC creates evocative atmospheres, helping to preserve and promote our rich cultural heritage.







AEΦC

ILLUMINAZIONE