

# RESIN PROJECT LIGHTING

## 2009



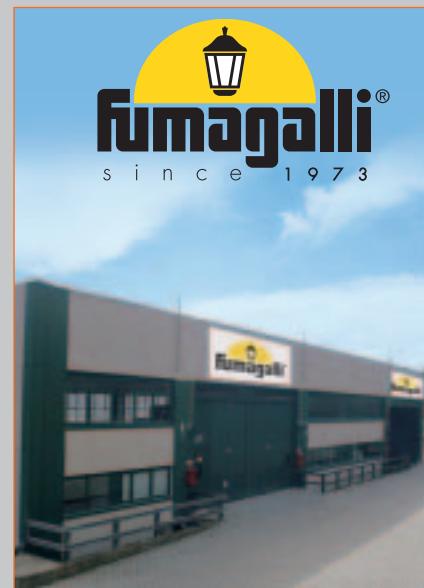
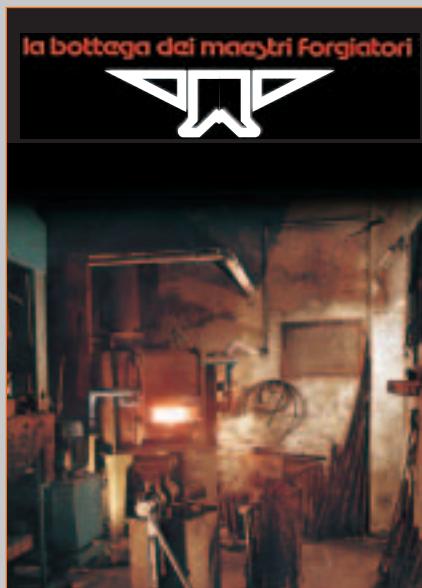
### CLASSIC RANGE (*issue 2*)



 **fumagalli**<sup>®</sup>  
since 1973



years of history



**1973** nasce a Varese, su iniziativa del Sig. Fumagalli una ditta individuale con il nome di "La Bottega dei Maestri Forgiatori", specializzata nella lavorazione artistica del ferro forgiato a mano. La produzione è costituita da lampade da interno. Dopo cinque anni l'azienda apre verso i mercati esteri (in particolare il Giappone), inizia ad assumere i primi dipendenti.

Thanks to the enterprise of Mr. Fumagalli Giancarlo, in 1973 an individual company called "La Bottega dei Maestri Forgiatori" was born in Varese (north of Italy) specialising itself in the artistic handwork of wrought iron indoor lightings. After five years of activity the company started to employ some workers and to open itself to foreign markets, in particular to the Japanese one

**1984** Un' intuizione del Sig. Fumagalli porta l'azienda ad un' evoluzione, creando un ingegnoso processo produttivo di lampade da esterno, costituito da un'anima in acciaio galvanizzato rivestito in resina. Dopo anni di sperimentazioni e la faticosa messa a punto di un' attrezzatura adeguata, il prodotto comincia ad essere distribuito ed apprezzato in tutto il mondo.

An intuition of Mr. Fumagalli lead the company to an evolution, creating an innovative outdoor lightings production system, consisting of a galvanized steel tube covered by resin material. After some years of experimentation and the setting-up of adequate machineries, the product started to be appreciated all over the world.

**1999** Subentrando alla ditta individuale, la famiglia Fumagalli decide di costituirsi in società, continuando la fabbricazione di lampade da esterno in materiale composito. Con la creazione di nuovi modelli viene ampliata l'offerta e con attrezzature robotizzate viene moltiplicata la produttività. La sistemazione nella nuova sede rende la società Fumagalli leader mondiale nel suo settore.

Fumagalli family decides to turn the individual company into a limited company, going on with the manufacturing of "composite material" outdoor lighting fixtures. The articles range increased thanks to the creation of many new models and the production capacity was multiplied by the use of computerized machineries. The recent settlement in the new company seat had definitively made Fumagalli S.r.l a worldwide leading company in the manufacturing of resin material outdoor lightings.



# 57 EXCLUSIVE DISTRIBUTORS

all over the world



# Corporate Management

## Geom. Giancarlo Fumagalli

Managing Director

Diplomato alla scuola tecnica per geometri,  
è ideatore di questo sistema di lampade  
in materiale composito.

Parla italiano e francese.

*Holder of a diploma by the technical high  
school for building surveyor, he is the creator of  
this composite material lighting system.  
He speaks Italian and French.*



## Dr. Marisa Rabuffetti

Finance Director

Laureata all'università di Milano  
in scienze economiche, è insegnante  
alle scuole superiori di tecnica  
commerciale e bancaria.

Parla italiano, inglese e francese.

*Graduate by the Milan University in  
economic sciences, she is teacher of  
banking and commercial technique. She  
speaks Italian, English and French.*



## Dr. Chiara Fumagalli

Developing Dept. Manager

Laureata all'università di Milano  
in filosofia, è diplomata in lingue  
straniere: scrive e parla  
italiano, inglese, tedesco e francese.  
*Graduate by the Milan University in  
philosophy, she is holder of a diploma  
in foreign languages: she can speak  
and write in Italian, English, German  
and French.*

## Arch. Paolo Fumagalli

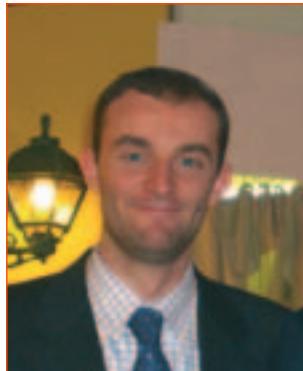
Technical Dept. Manager

Laureato in architettura al Politecnico di  
Milano, ha conseguito  
la specializzazione in illuminotecnica  
all'università di Manchester (U. K.).

Parla italiano e inglese.

*Graduate in architecture by the  
polytechnic University of Milan, he  
achieved the specialization in lighting  
technique by the University of  
Manchester (U. K.).*

*He speaks Italian and English.*



## Dr. Emmanuele Fumagalli

Assistant General Manager  
Human Resources Manager

Laureato in Giurisprudenza  
all'università di Milano con  
specializzazione in diritto  
internazionale

Parla italiano e inglese.

*Graduate by the Milan  
University in jurisprudence, he  
achieved the specialization in  
international law.*

*He speaks Italian and English.*

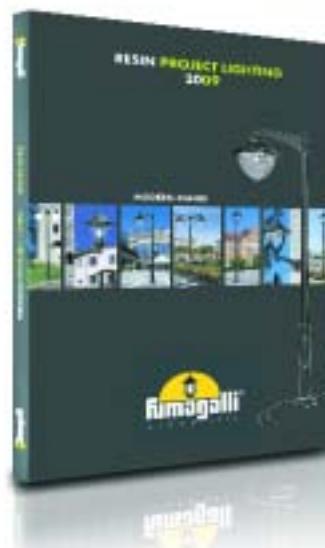
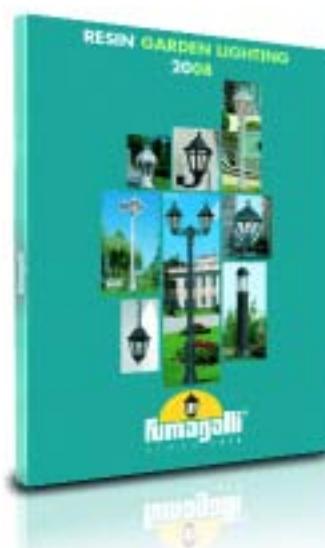
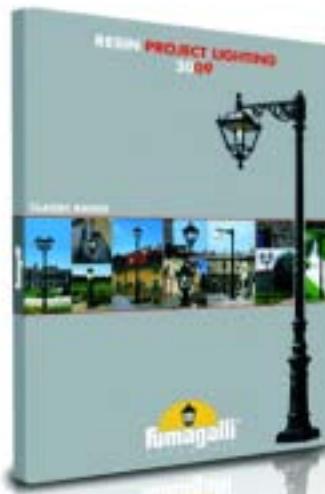
E' con grande piacere che vi presentiamo la nuova edizione del nostro catalogo "**Resin Project Lighting Classic Range 2009**", interamente dedicato alla nostra linea classica per progetti privati, semi pubblici e urbani.

Vi ricordiamo inoltre che sono disponibili i cataloghi Fumagalli "**Resin Garden Lighting 2008**" per illuminazione residenziale e "**Resin Project Lighting Modern Range 2009**" dedicato alla nostra linea in stile moderno per progetti semi pubblici e urbani.

Non esitate a richiederceli all'indirizzo e-mail  
[chiarafumagalli@fumagalli.it](mailto:chiarafumagalli@fumagalli.it).

*With great pleasure we'd like to introduce you the new edition of our catalogue "**Resin Project Lighting Classic Range 2009**", entirely dedicated to our classic range for projects in the private, semi-public and urban field.*

*We remind you that are at your disposal also the Fumagalli catalogues "**Resin Garden Lighting 2008**" for residential lighting and "**Resin Project Lighting Modern Range 2009**" dedicated to our modern range for semi public and urban projects.  
Please do not hesitate to ask for them at the e-mail address [chiarafumagalli@fumagalli.it](mailto:chiarafumagalli@fumagalli.it)*



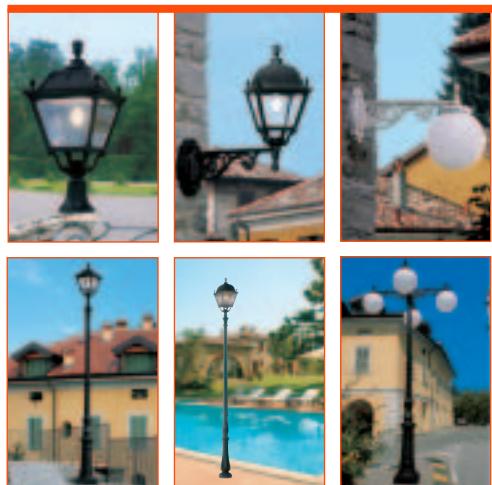
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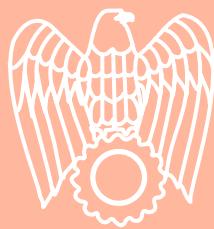
# ESTABLISHMENT



Siamo orgogliosi di poterci definire come fabbricanti italiani "puri": tutti i nostri prodotti sono rigorosamente fabbricati all'interno dei nostri stabilimenti di Varese (Italia), permettendoci così di esercitare un pieno controllo sulla qualità e sulle prestazioni dei nostri prodotti

We are proud to define ourselves as a "pure Italian manufacturer": all our products are strictly manufactured inside our factory located in Varese (Italy), enabling us to have a full control about the quality and performance of our products.





CONFEDERATION OF  
ITALIAN INDUSTRY

MEMBER of

ESTABLISHMENT

140 mq OFFICES

1900 mq PRODUCTION

1500 mq ASSEMBLY

1500 mq STOCK

PRODUCT

7800 DIFFERENT MODELS OF  
OUTDOOR RESIN LIGHTING  
IN CLASSIC AND MODERN  
STYLE

SALE NETWORK

57 EXCLUSIVE DISTRIBUTORS  
ALL OVER THE WORLD

WAREHOUSE



# PRODUCT DEVELOPMENT



All'interno dei seguenti dipartimenti della nostra azienda possiamo gestire l'intero processo di sviluppo del prodotto, dall'idea iniziale al prodotto realizzato.

*Inside the following different departments of our company we can manage the whole product development process from the initial design to the fully-finished product.*

## RESEARCH & DEVELOPMENT Dept.



**Sezione ricerca e sviluppo** Progettazione e disegno del prodotto attraverso i software più avanzati di modellizzazione 3D, di sistemi CAD e di multimedia moderni.

**Research & Development department** Product planning and design through the most advanced 3D modelling software, CAD systems and modern multimedia.

## TECHNICAL DESIGN Dept.



**Sezione progettazione tecnica** Ingenierizzazione del prodotto e creazione di prototipi con le più avanzate strumentazioni tecnologiche

**Technical Design department** Product engineering and prototypes creation with the most advanced technological facilities.

**MOULDS CONSTRUCTION Dept.****Reparto costruzione stampi**

Nuovi centri di lavoro dedicati esclusivamente alla costruzione dei nostri stampi, ci permettono di aggiornare costantemente la nostra collezione con numerosi prodotti nuovi, fabbricati secondo le più moderne tecnologie e in accordo con le più recenti soluzioni illuminotecniche. Una divisione interna per la costruzione degli stampi significa anche totale controllo sulla qualità del prodotto nei suoi minimi dettagli e possibilità di effettuare una regolare e costante manutenzione sui numerosi stampi esistenti.

**Mould construction department**

New hi-tech work stations working only for the construction of our moulds enable us to update constantly our collection with new products manufactured in accordance with the most advanced lighting solutions. An internal mould construction division means also full control on the quality of our product in all its details and a continuous and regular maintenance of the many existing moulds.

**MOULDS**

## RESIN INJECTION



## RESIN EXTRUSION



## EXPANSE



## POLES MANUFACTURE

### Processo di produzione industriale in diverse fasi

Un'efficace sinergia tra la decennale esperienza di personale qualificato e l'utilizzo di macchinari automatici dotati delle più moderne tecnologie.



## BLACK STEEL WELDING

### Industrial production process in different phases

A successful synergy between the ten-year-long experience of a qualified staff and the use of modern automatic machineries with the most updated technologies.



## STEEL STOCK



## MATERIALS HANDLING



### Magazino

Lo stock Fumagalli di componenti e semi-lavorati viene mantenuto a livelli ottimali per assicurare pronte consegne dei prodotti standard ed una veloce esecuzione di richieste speciali o per grandi quantità.

### Warehouse

*Fumagalli stock of components and semi - finished products is maintained at the best levels to ensure prompt delivery of standard products and fast preparation of special or large quantity orders.*

## COMPONENTS STOCK



**COMPONENTS STOCK**

## ASSEMBLY AND ELECTRIFICATION

### Reparto di assemblaggio

Il reparto di assemblaggio, elettrificazione ed imballaggio ci consente di spedire i nostri prodotti già pronti per l'installazione e personalizzati secondo le necessità del cliente.

### Assembly department

The assembly, electrification and packing department allows us to ship the products ready for installation to meet customer's needs.



**BOX STOCK****PACKING****GOODS READY FOR SHIPMENT**

# CERTIFIED QUALITY



Tutti i prodotti Fumagalli sono fabbricati secondo le più aggiornate norme e standard internazionali e sono marcati CE, in modo da assicurare ai nostri clienti in tutto il mondo i più alti livelli di qualità nel pieno rispetto dell'ambiente e delle persone. A riprova del nostro costante sforzo di implementare il nostro sistema di qualità, siamo orgogliosi di annunciarvi che i prodotti Fumagalli hanno ottenuto in via definitiva anche la certificazione

C-UL-US, essendo conformi agli standard statunitensi UL1598 per apparecchi illuminanti e agli standard canadesi CSA C22.2 No. 250.0

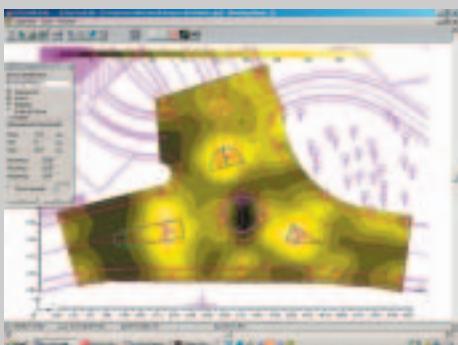
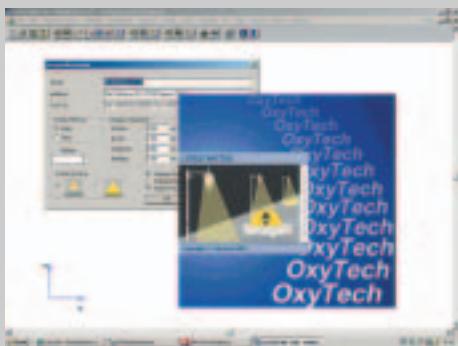
La ditta Fumagalli è stata ufficialmente registrata all'interno dell'albo dei fabbricanti certificati UL e, su richiesta, una copia del certificato di conformità UL può essere fornito a tutti i clienti Fumagalli, insieme con i report dei seguenti test condotti sui prodotti Fumagalli: Grounding Continuity Test, Normal Temperature Test, Dielectric Voltage-Withstand Test, Rain Test, Sprinkler Test.

All Fumagalli products are manufactured according to the most updated international standards and regulation and are CE marked in order to ensure to our worldwide customers the highest levels of quality in the full respect of environment and person.

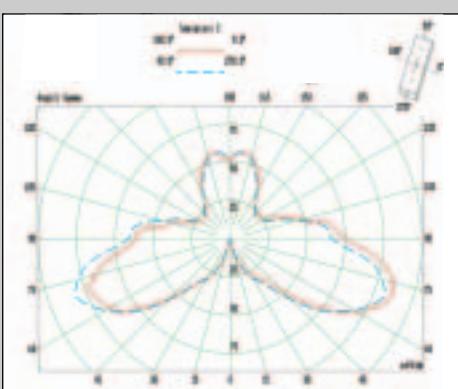
As additional proof of our constant effort to improve our Company Quality System, we are proud to announce you that Fumagalli products definitively obtained also the C-UL-US certification Mark, as they meet the United States National Standard for Luminaires UL1598 and the Canadian National Standard for Luminaires CSA C22.2 No. 250.0

Fumagalli company is officially registered as a UL classified manufacturer and, upon request, a copy of the UL Certificate of Compliance can be provided to Fumagalli customers, together with the report about the following tests conducted on Fumagalli products: Grounding Continuity Test, Normal Temperature Test, Dielectric Voltage-Withstand Test, Rain Test, Sprinkler Test.

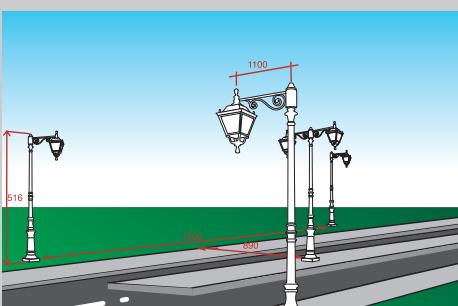




Lighting calculation software



Photometric archive



Environmental simulations



Static and wind load calculations

Un team dedicato di professionisti della luce è permanentemente a disposizione dei nostri clienti per fornire un qualificato supporto tecnico relativo al prodotto, per elaborare studi fotometrici e per fornire consigli sulle soluzioni ottimali relative alla selezione degli articoli e alla distribuzione delle sorgenti luminose in una data area.

In aggiunta, il nostro dipartimento tecnico può fornire in ogni momento ai nostri clienti in tutto il mondo le seguenti informazioni e servizi:

- **dati fotometrici** di tutti i diffusori Fumagalli con diversi wattaggi: questi sono disponibili su richiesta nei formati eulumdat, iesna 86/91/95, cibse\1, ltli

- **calcolo dell'illuminamento medio** orizzontale e delle curve isolux ad una data altezza

- **calcoli relativi alla resistenza al vento**

Il nostro software per calcoli illuminotecnica, tradotto in 11 lingue, è a disposizione di tutti i lighting designers che ne facciano richiesta e include i dati tecnici e fotometrici dell'intera gamma dei prodotti Fumagalli assieme al catalogo elettronico dei prodotti stessi.

**La nostra azienda è appena entrata nel consorzio "Oxytech Litestar open" al quale aderiscono i principali produttori di illuminazione mondiale.**

**Sarà possibile scaricare dal sito Fumagalli ([www.fumagalli.it](http://www.fumagalli.it)) o dal sito Oxytech ([www.oxytech.it](http://www.oxytech.it)) il software di calcolo illuminotecnico dove sono caricate le fotometrie e le schede tecniche di tutti i diffusori Fumagalli.**

A specialized team of lighting professionals is permanently at our customers' disposal to provide a qualified product technical support, to supply lighting diagrams and to give advice about the optimal article selection and light sources distribution, according the customer's needs.

In addition, our technical division can provide at any time the following information and services to our worldwide customers:

- for all Fumagalli diffusers with different wattages: they are available on request in eulumdat, iesna 86/91/95, cibse\1, ltli

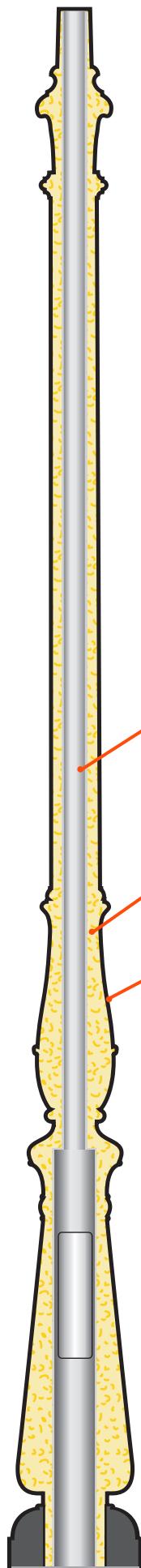
- **calculation of the average horizontal luminance** and of the isolux curves at a given high level

- **wind load calculations**

Our multilingual lighting calculation software is available for lighting designers and includes the technical and photometric data of the full range of Fumagalli products, together with electronic catalogue of all the range.

**Our company has just joined the "Oxytech Litestar open" consortium, which sees the subscription of the most important lighting manufacturers worldwide.**

**From Fumagalli web site ([www.fumagalli.it](http://www.fumagalli.it)) or Oxytech web site ([www.oxytech.it](http://www.oxytech.it)) it will be possible to download the lighting software with the photometric datas and the technical sheets of all Fumagalli luminaires.**



## STEEL POST COVERED BY RESIN

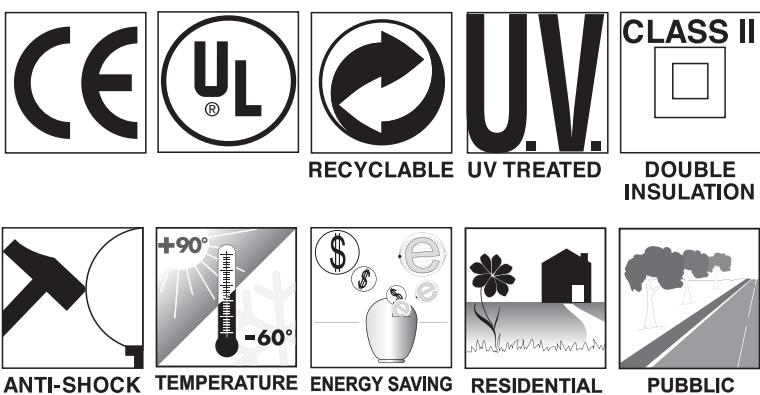
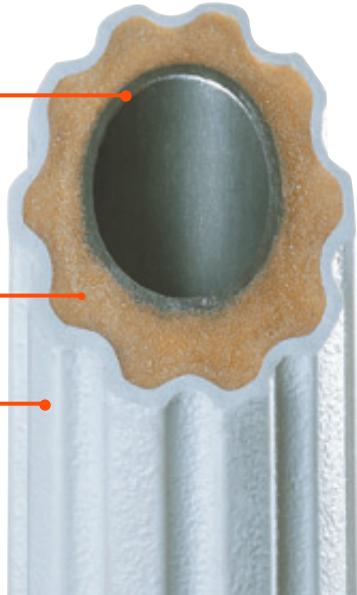
**Q**uesto singolare sistema di fabbricazione offre molti vantaggi; infatti le nostre lampade:

- sono inattaccabili dalla corrosione;
- sono inalterabili nei loro colori trattati ai raggi U.V.;
- godono di un doppio isolamento;
- sono rigide e resistenti agli urti;
- usano un materiale ignifugo;
- sono leggere e facili da trasportare;
- sono fabbricate secondo le norme della Comunità Europea.



**O**ur unique production system offers many advantages; infact our lamps are:

- protected against corrosion;
- not-fading thanks to their U.V. ray treated colours;
- double insulated;
- rigid and shockproof;
- manufactured from fireproof materials;
- light and easy to transport;
- manufactured according to European Community's instructions.



■ Pali interni zincati a caldo  
■ Hot-galvanized internal posts



## NO MAINTENANCE



## ANTI CORROSION



## UV - RAY STABILIZED



## DOUBLE INSULATION



MORE THAN 7800  
POSSIBLE COMBINATIONS

# Large Size



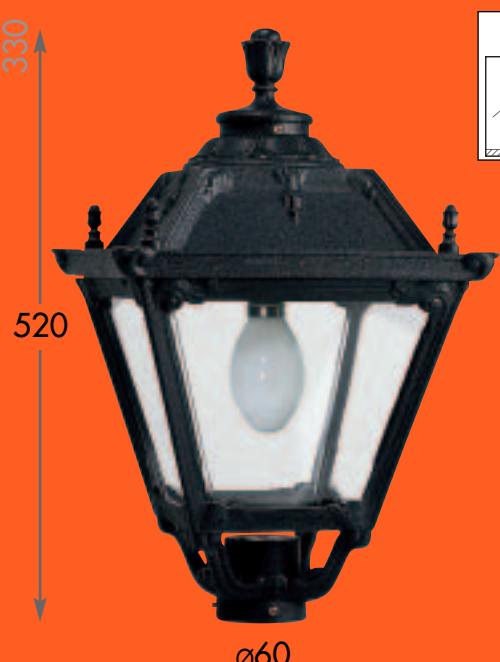


**LANTERNA QUADRATA CLASSICA REALIZZATA IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE. DISPONIBILE IN DUE VARIANTI DECORATIVE, IDONEA PER IL MONTAGGIO A PALO, A SOSPENSIONE O A PARETE.**

CLASSIC SQUARE LANTERNS MADE BY SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULAR CONSTRUCTION IN TWO DESIGN OPTIONS SUITABLE FOR POST TOP, HANGING AND WALL INSTALLATION.



330



**TOBIA Q33.000**

520

Ø60

#### Dimensions and weight.

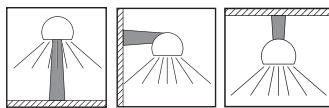
Height 520 mm, width 330 mm, depth 330 mm.

Weight: 3,5 Kg

Area exposed to wind pressure CxS = m<sup>2</sup> 0,089



#### SUITABLE FOR:



330

560

Ø60

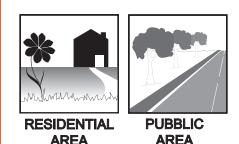
#### Dimensions and weight.

Height 560 mm, width 330 mm, depth 330 mm.

Weight: 3,5 Kg

Area exposed to wind pressure CxS = m<sup>2</sup> 0,102

#### INSTALLATION



## VERSIONS AVAILABLE

REF.CODE

CLOSED DIFFUSER IP 55	GLS MAX	100W E27	Q33.000.000	WITHOUT BALLAST	WITH BALLAST	 <b>SON</b> SODIUM VAPOR <b>HQI</b> METAL HALIDE   <b>MBF</b> MERCURY VAPOR	GLS MAX	100W E27	U33.000.000	WITHOUT BALLAST
	SL	25W E27					SL	25W E27		
	CFL	23W E27					CFL	23W E27		
	MBF	50W E27	Q33.000.M50				MBF	50W E27	U33.000.M50	
		80W E27	Q33.000.M80					80W E27	U33.000.M80	
	SON	50W E27	Q33.000.S50				SON	50W E27	U33.000.S50	
OPEN DIFFUSER		70W E27	Q33.000.S70					70W E27	U33.000.S70	
	HQI	70W E27	Q33.000.H70				HQI	70W E27	U33.000.H70	
	MBF	125W E27	Q33.000.M12				MBF	125W E27	U33.000.M12	
	SON	100W E40	Q33.000.S10				SON	100W E40	U33.000.S10	
	HQI	100W E40	Q33.000.H10				HQI	100W E40	U33.000.H10	

The photometric data for all the versions are available upon request

## COLOURS

MOULDED



White



Black



Green

PAINTED



Antique  
Green



Antique  
Bronze

PMMA  
DIFFUSERS



Clear



Opal



1.

2.



3.



4.

5.



6.

**Pinnacolo decorativo** applicabile alla sommità della calotta (montaggio a palo) o sulla gabbia (montaggio a sospensione).

**Decorative pinnacle** to be mounted on the roof top for post top installation or on the lantern base for hanging installation.

**Tetto** in un unico pezzo, removibile senza l'ausilio di attrezzi per manutenzione e cambio lampadina. Realizzato in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

**Lantern roof**, one piece only, tool-free opening for relamping and access to control-gear. Made by shockproof resin material, UV rays stabilized, rust and corrosion-free.

**Soffitto** realizzato in policarbonato (PC) bianco ad alta resistenza al calore, nella cui parte superiore possono essere fissati gli ausiliari elettrici e nella cui parte inferiore si trova l'alloggiamento del portalampana.

**High temperature resistant ceiling** made in white polycarbonate (PC) material, suitable for ballast fixation on its upper side and provided with lampholder seat on its lower side.

#### **Diffusore in polimetilmetacrilato** (PMMA)

resistente all'ingiallimento ed ai raggi UV, disponibile in colore trasparente o opale, realizzato in unico pezzo, provvisto di sede per alloggiamento del cavo elettrico di alimentazione. Per la versione MBF 125Wo SON 100W il diffusore è aperto alla base per un corretto smaltimento del calore nel vano ottico.

**Luminaire diffuser** of UV stabilized PMMA, one piece only, with recess for a power supply cable, available in clear or opal colour. For the version MBF 125W and SON 100W the enclosure is open at the bottom, enabling a correct disposal of the heat inside the diffuser

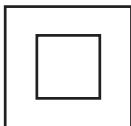
**Gabbia** in un unico pezzo, realizzata in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

**Cage**, one piece only, made by shockproof resin material, UV rays stabilized, rust and corrosion-free.

Possibilità di applicare al soffitto un **frangiluce** in alluminio pressofuso con sistema ottico lamellare a ripartizione simmetrica per orientare il fascio di luce e ridurre l'abbagliamento (opzionale). Disponibile in versione bianca o cromo.

An aluminium die cast **breaklight** with a laminar symmetrical optic system can be fixed on the ceiling plate, to direct the lighting output and to get a lower dazzle (optional). Available in white or chrome version.

#### CLASS II



DOUBLE  
INSULATION

#### PROTECTION



CLOSED  
DIFFUSER

#### RESIN MATERIAL



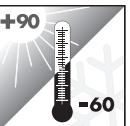
COLOURS  
IN PASTE



ANTI-SHOCK

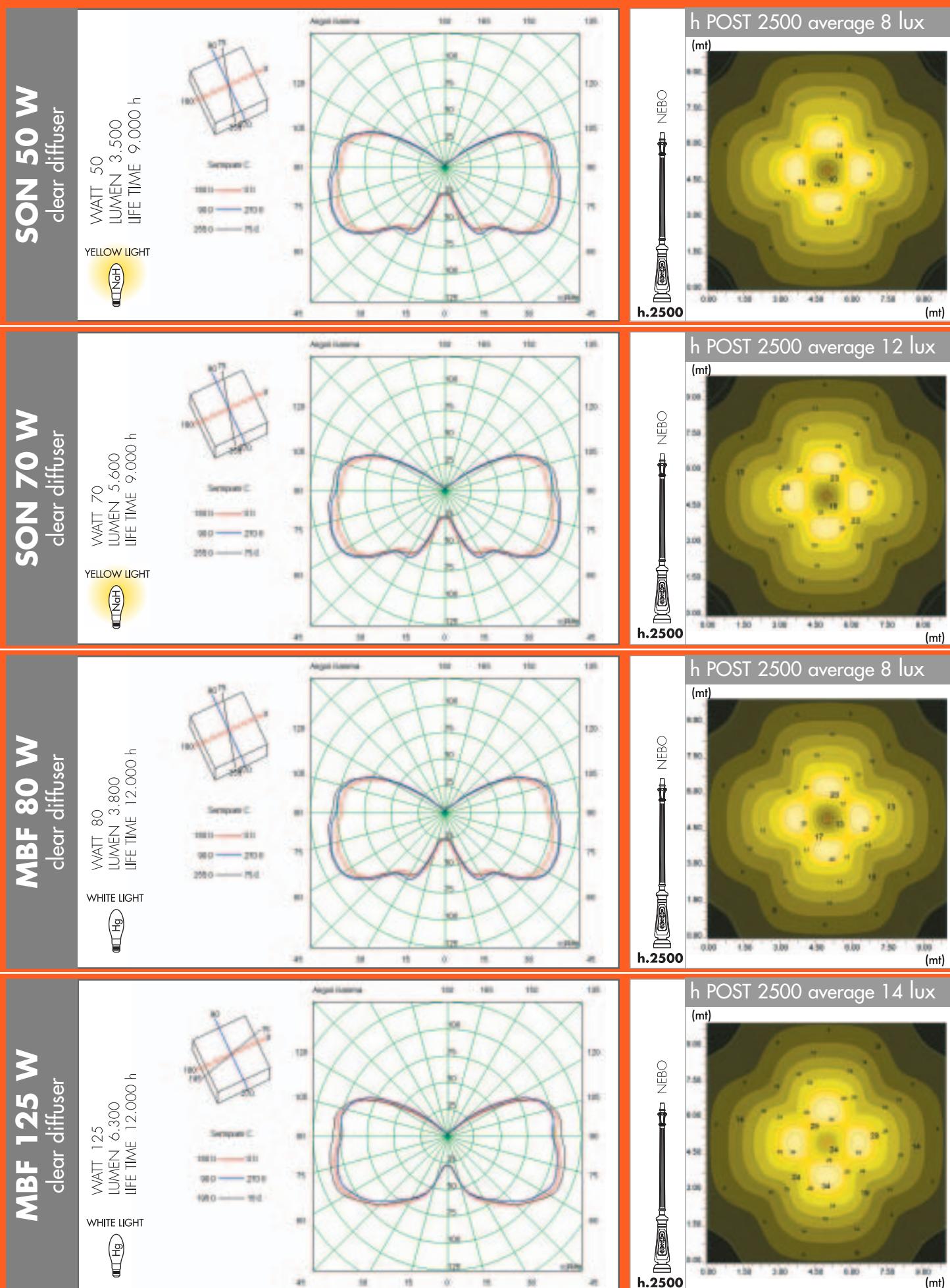


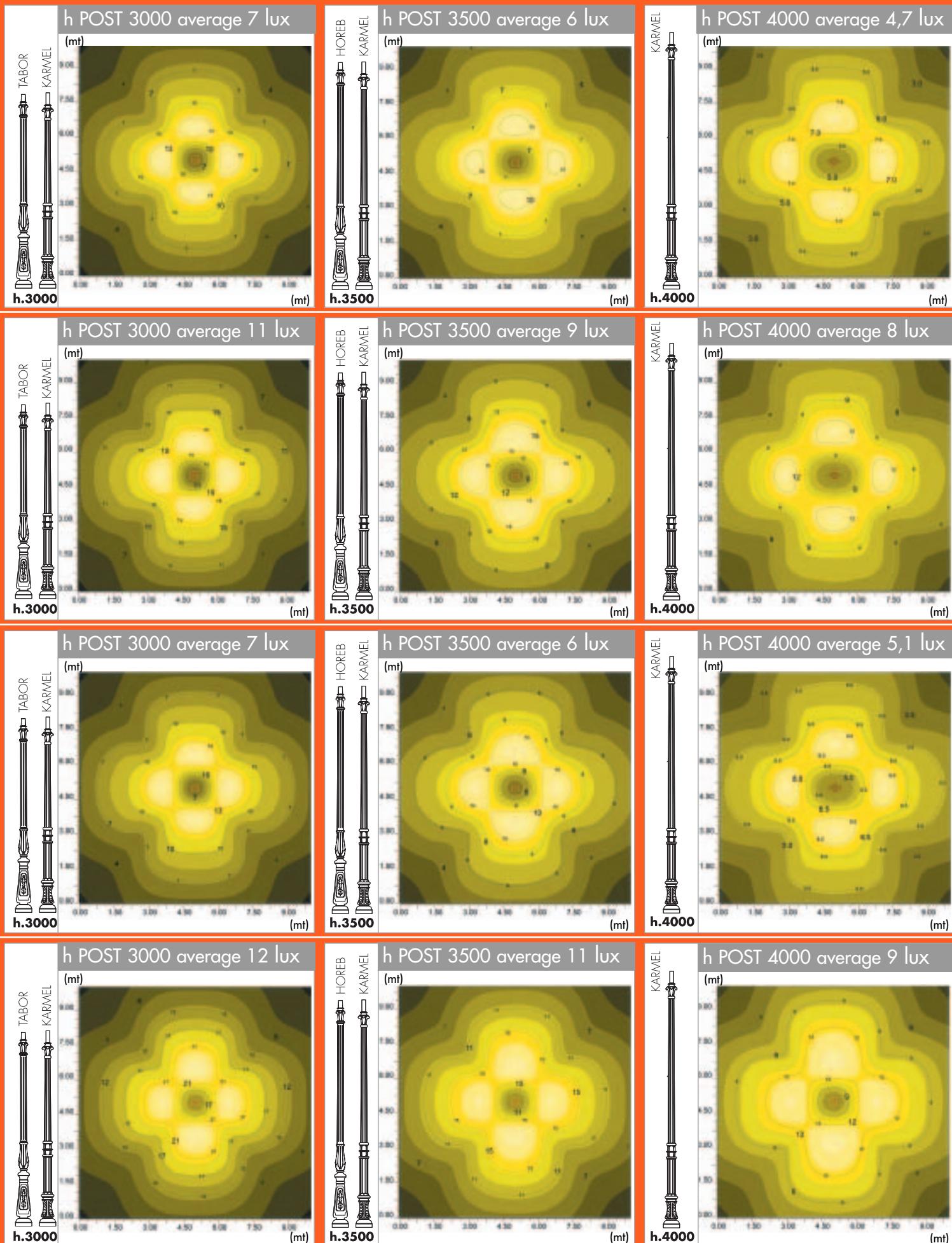
RECYCLABLE



+90  
-60

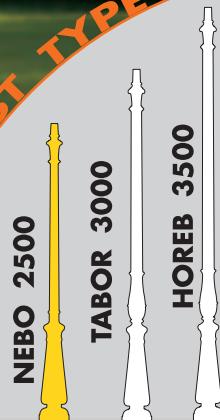
# PHOTOMETRIC DIAGRAMS





**SIMON****fumagalli®**

U33.201.R20

**POST TYPE**

U33.132



U33.113



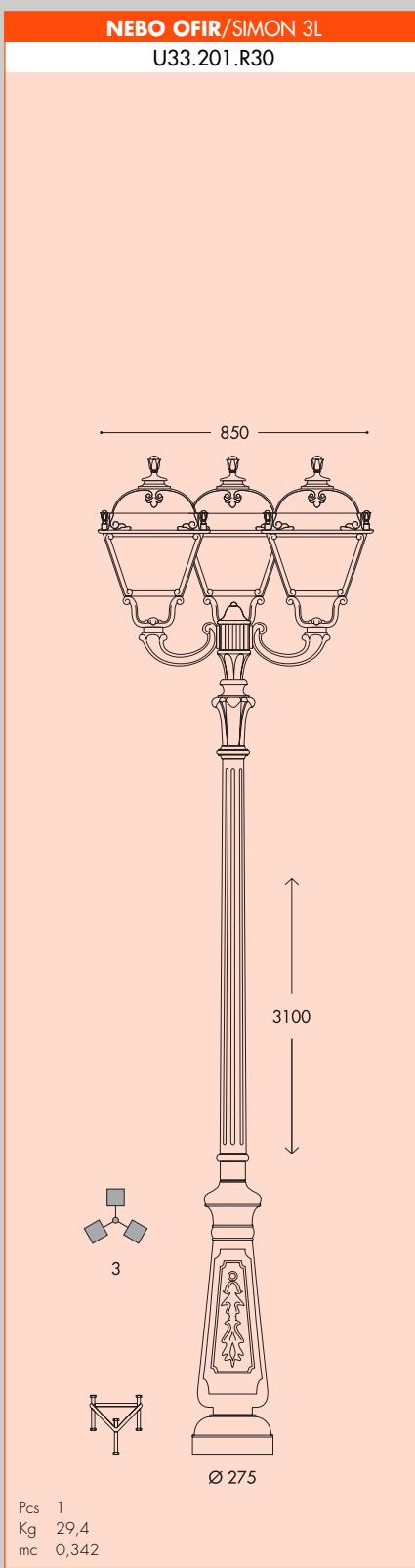
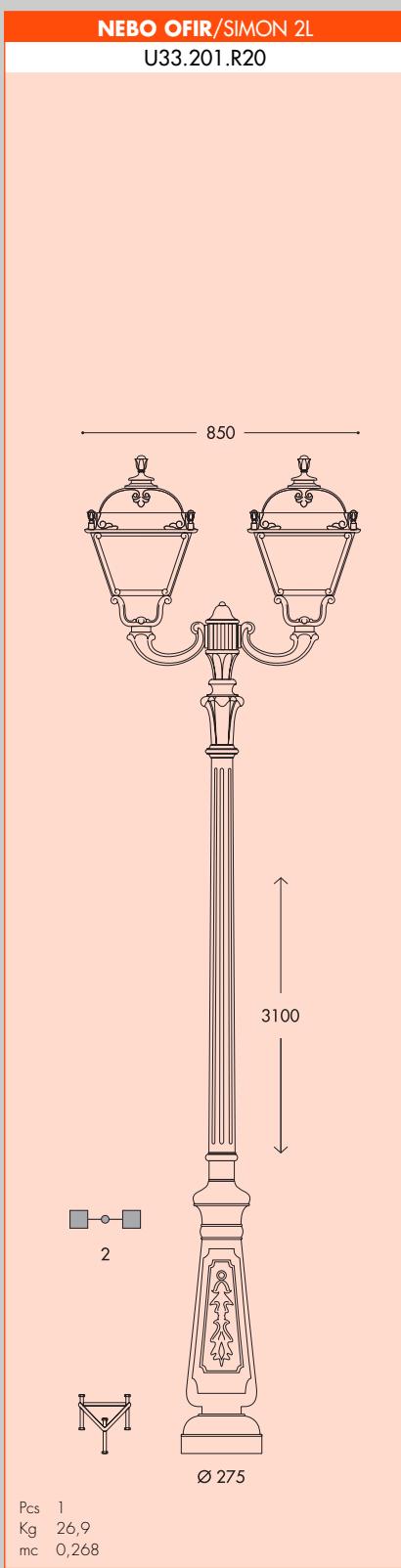
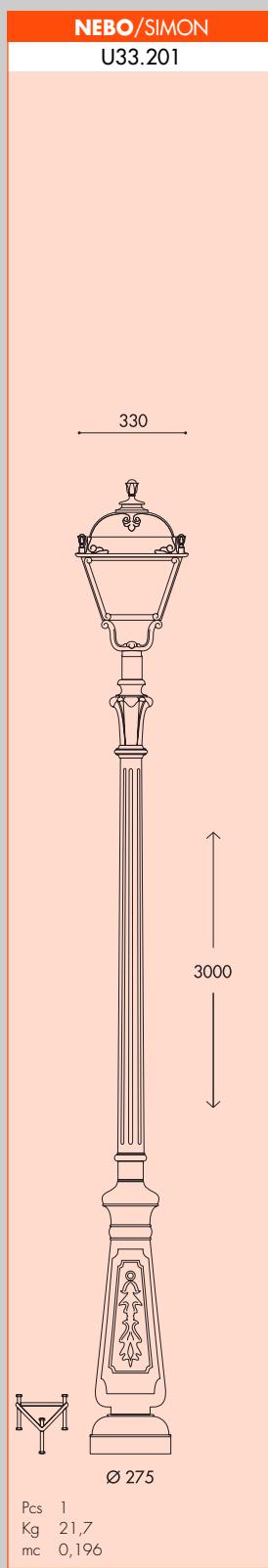
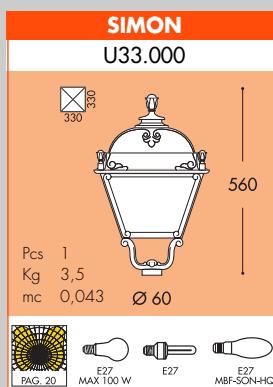
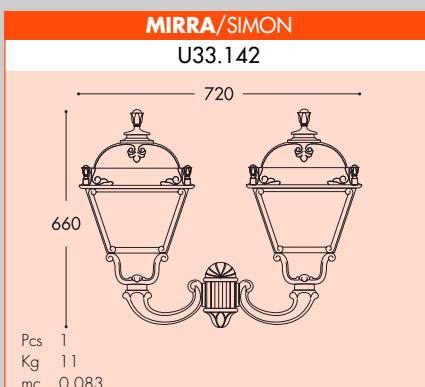
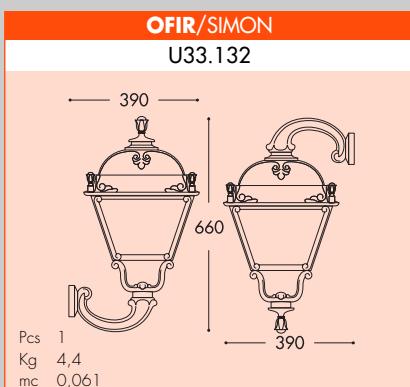
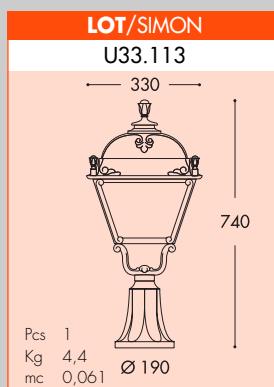
U33.121



U33.201.R30

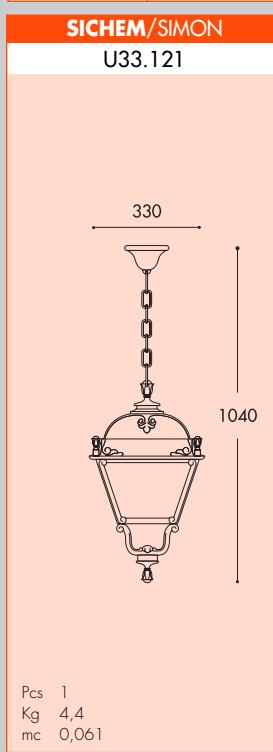


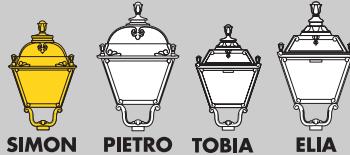
U33.201



	GLS MAX 100W E27 SL 25W E27 CFL 23W E27	WITHOUT BALLAST
CLOSED DIFFUSER IP 55	MBF 50W E27 80W E27 SON 50W E27 70W E27 HQI 70W E27	WITH BALLAST
OPEN DIFFUSER	MBF 125W E27 SON 100W E40 HQI 100W E40	

ALUMINIUM BREAKLIGHT (optional)	
	<b>WHITE COLOUR</b> CODE: H.FB6
	<b>CHROME</b> CODE: H.FC6



**SIMON****fumagalli®**

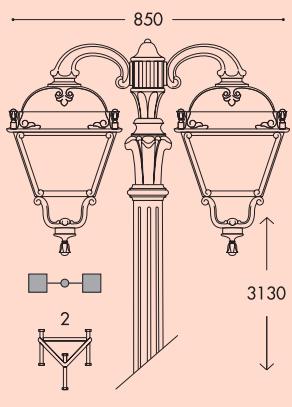
U33.204.R30



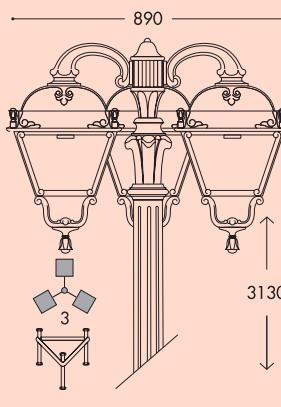
U33.204.R20

**TABOR OFIR/SIMON 2L**

U33.204.R20

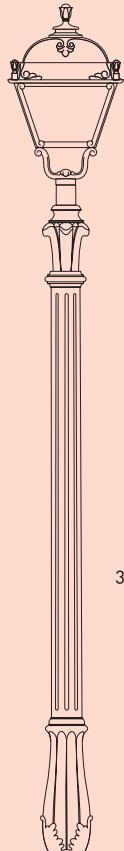

**TABOR OFIR/SIMON 3L**

U33.204.R30


**TABOR/SIMON**

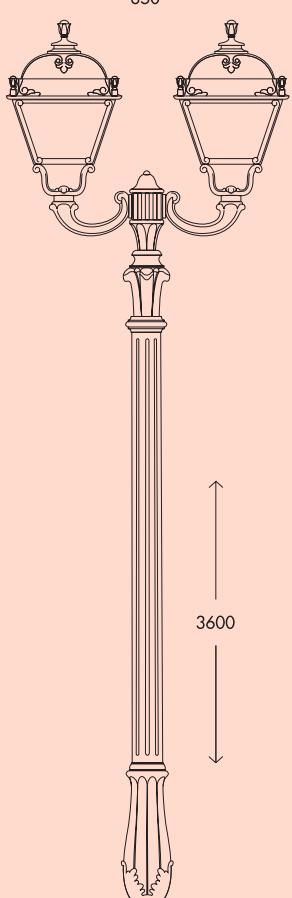
U33.204

330


**TABOR OFIR/SIMON 2L**

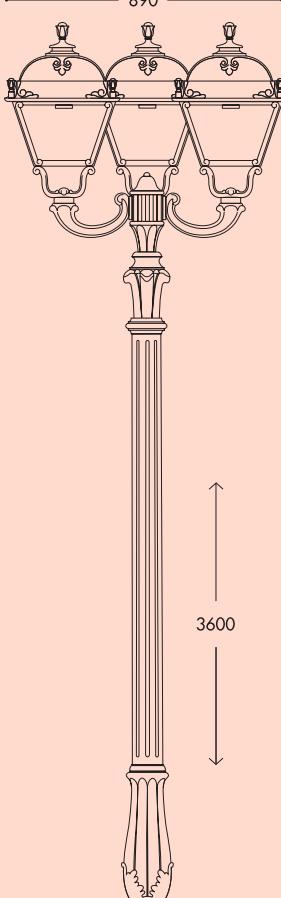
U33.204.R20

850


**TABOR OFIR/SIMON 3L**

U33.204.R30

890

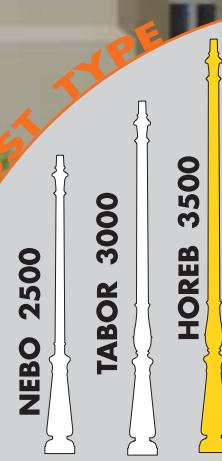

Pcs 1  
Kg 27  
mc 0,223

Pcs 1  
Kg 32,2  
mc 0,295

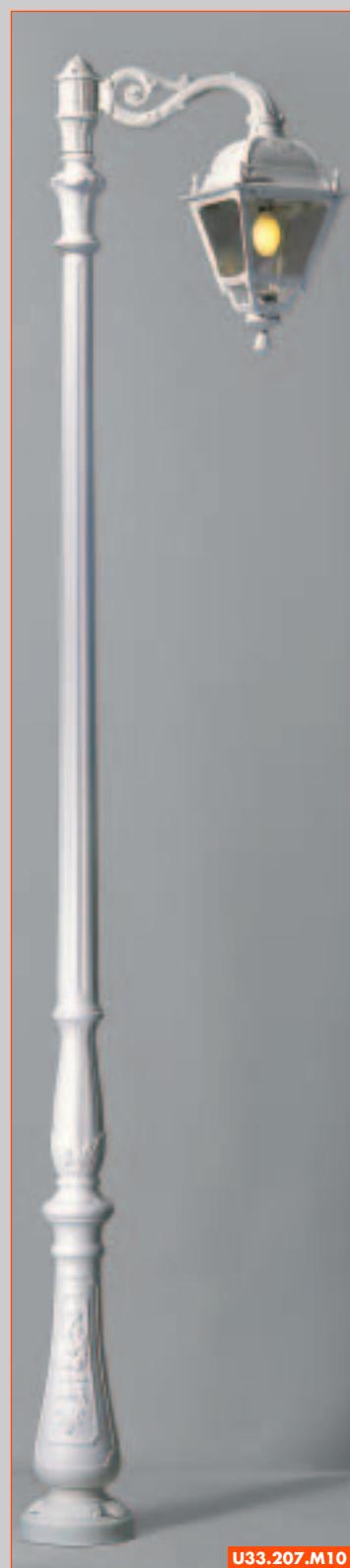
Pcs 1  
Kg 34,6  
mc 0,369

**SIMON****fumagalli®**

U33.207.M21

**POST TYPE**

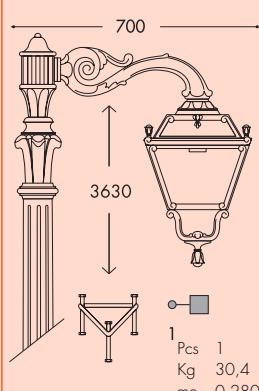
U33.171



U33.207.M10

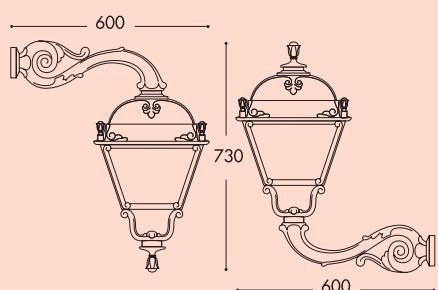
**HOREB ADAM/SIMON 1L**

U33.207.M10


Pcs 1  
Kg 30,4  
mc 0,280

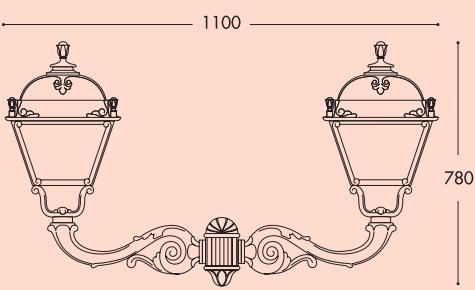
**ADAM/SIMON**

U33.171


Pcs 1  
Kg 6,3  
mc 0,083

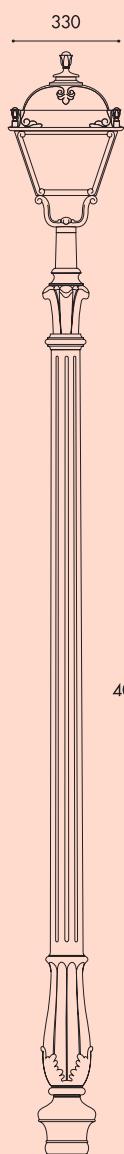
**EVA/SIMON**

U33.181


Pcs 1  
Kg 13  
mc 0,168

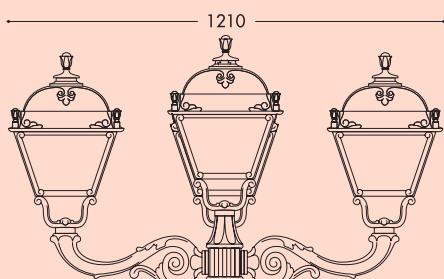
**HOREB/SIMON**

U33.207

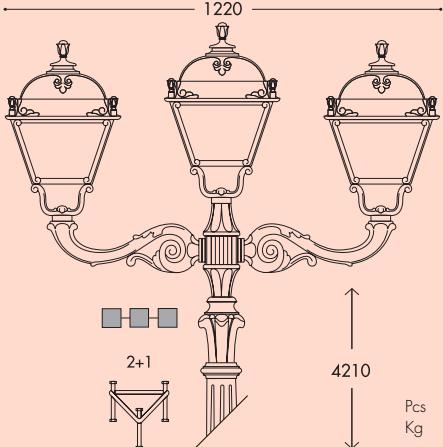

Ø 275 Pcs 1  
Kg 28,5  
mc 0,249

**HOREB ADAM/SIMON 3+1**

U33.207.M31

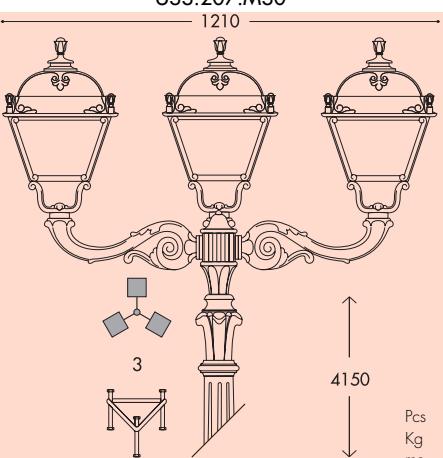

**HOREB ADAM/SIMON 2+1**

U33.207.M21


Pcs 1  
Kg 38,8  
mc 0,404

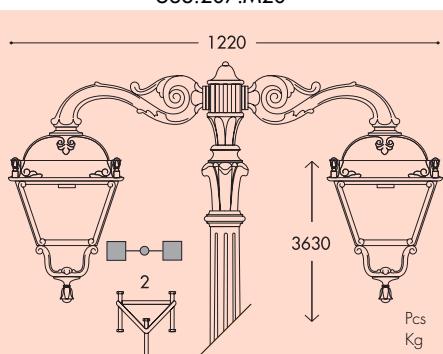
**HOREB ADAM/SIMON 3L**

U33.207.M30


Pcs 1  
Kg 39,7  
mc 0,414

**HOREB ADAM/SIMON 2L**

U33.207.M20


Pcs 1  
Kg 35,1  
mc 0,342

# SIMON



**fumagalli®**



POST TYPE

KARMEL 3000

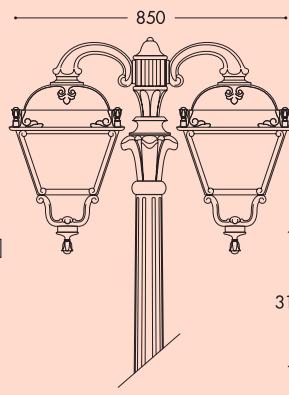
KARMEL 3500

KARMEL 4000



**KARMEL 3000 OFIR/SIMON 2L**

U33.231.R20

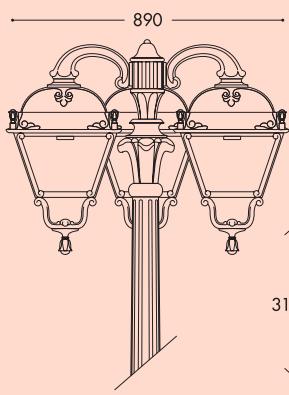


2

 Pcs 1  
 Kg 32,2  
 mc 0,295

**KARMEL 3000 OFIR/SIMON 3L**

U33.231.R30



3

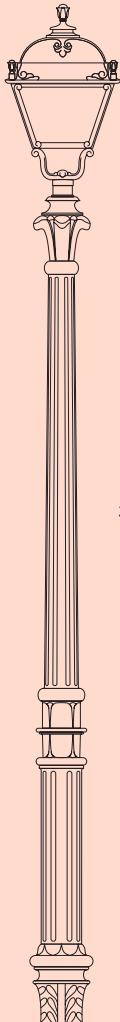
3130

 Pcs 1  
 Kg 34,6  
 mc 0,369

**KARMEL 3000/SIMON**

U33.231

330

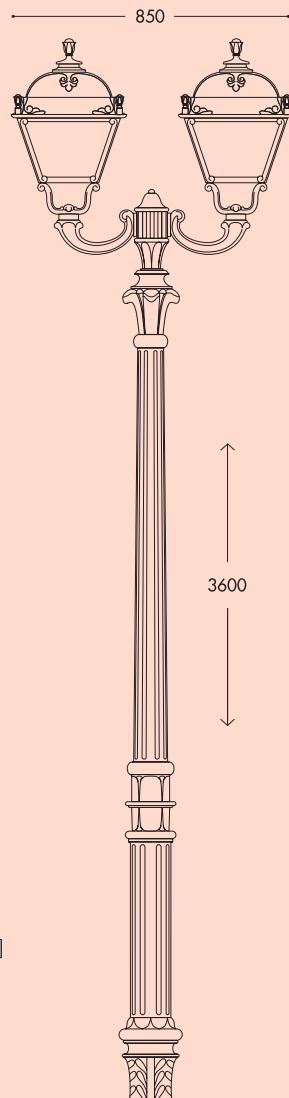


3500

 Ø 275  
 Pcs 1  
 Kg 27  
 mc 0,223

**KARMEL 3000 OFIR/SIMON 2L**

U33.231.R20



3600

2

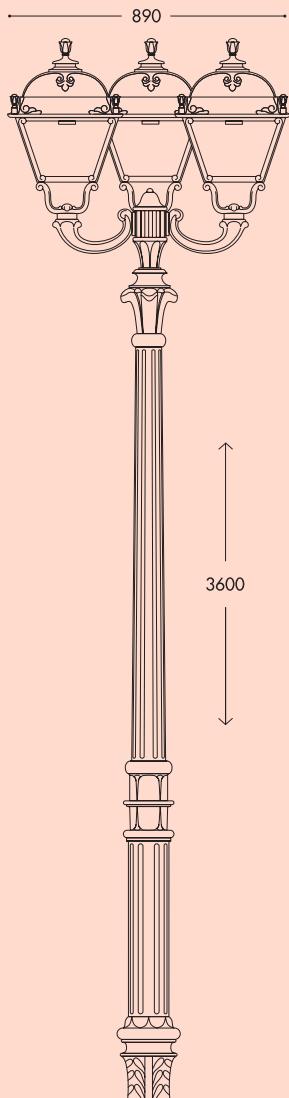


Ø 275

 Pcs 1  
 Kg 32,2  
 mc 0,295

**KARMEL 3000 OFIR/SIMON 3L**

U33.231.R30



3600

3

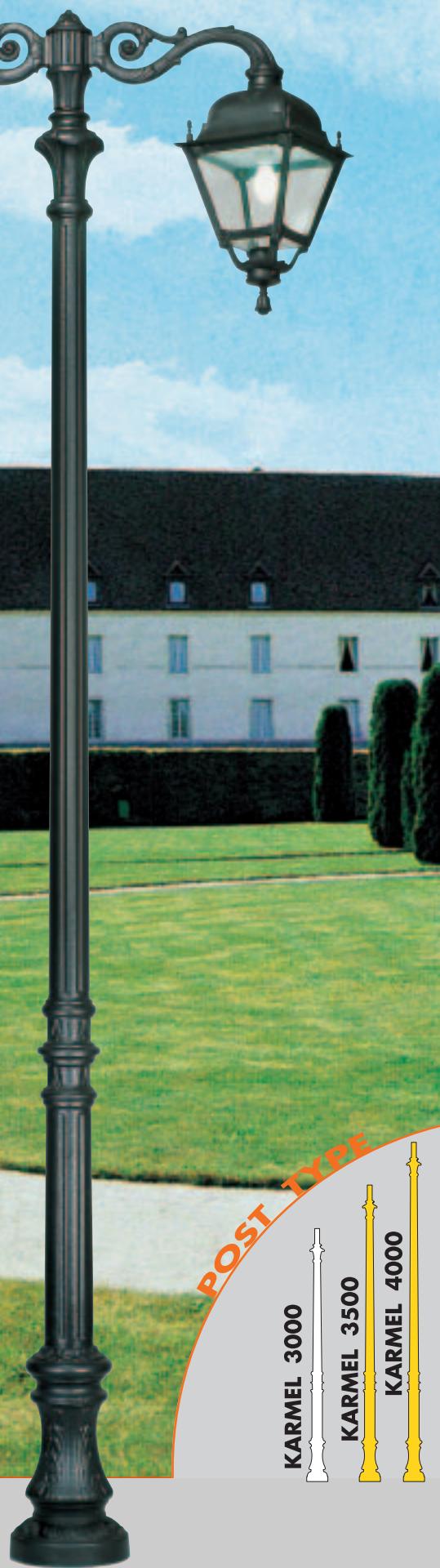


Ø 275

 Pcs 1  
 Kg 34,6  
 mc 0,369

**SIMON****fumagalli®**

U33.234.M20

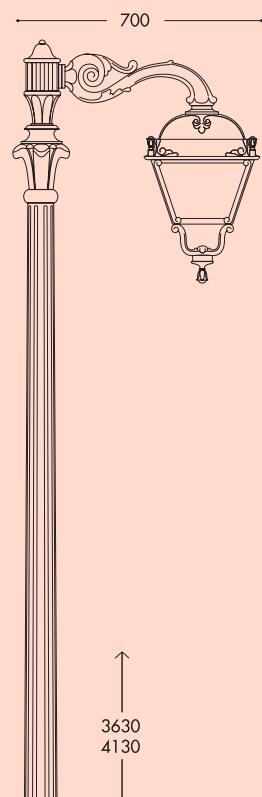


**KARMEL 3500 ADAM/SIMON 1L**

U33.234.M10

**KARMEL 4000 ADAM/SIMON 1L**

U33.237.M10

3630  
4130

1

U33.234.M10  
Pcs 1  
Kg 30,4  
mc 0,280U33.237.M10  
Pcs 1  
Kg 33,9  
mc 0,287

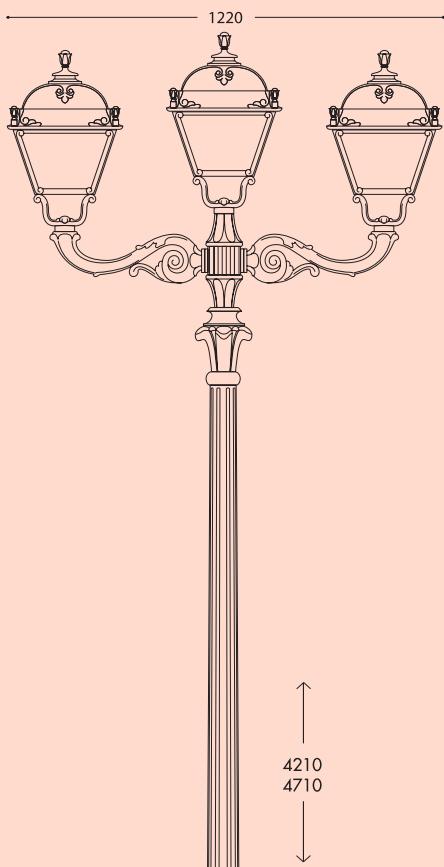
Ø 275

**KARMEL 3500 ADAM/SIMON 2+1**

U33.234.M21

**KARMEL 4000 ADAM/SIMON 2+1**

U33.237.M21

4210  
4710

2+1

U33.234.M21  
Pcs 1  
Kg 38,8  
mc 0,404U33.237.M21  
Pcs 1  
Kg 42,3  
mc 0,431

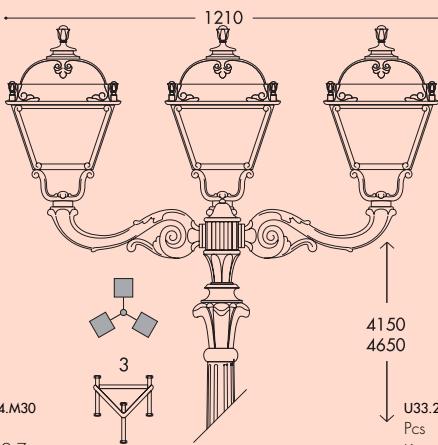
Ø 275

**KARMEL 3500 ADAM/SIMON 3L**

U33.234.M30

**KARMEL 4000 ADAM/SIMON 3L**

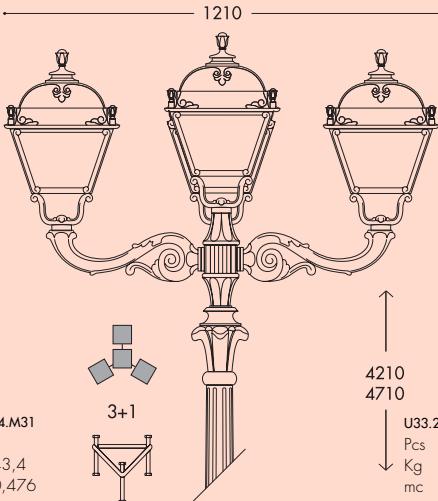
U33.237.M30

U33.234.M30  
Pcs 1  
Kg 39,7  
mc 0,414U33.237.M30  
Pcs 1  
Kg 43,2  
mc 0,441
**KARMEL 3500 ADAM /SIMON 3+1**

U33.234.M31

**KARMEL 4000 ADAM /SIMON 3+1**

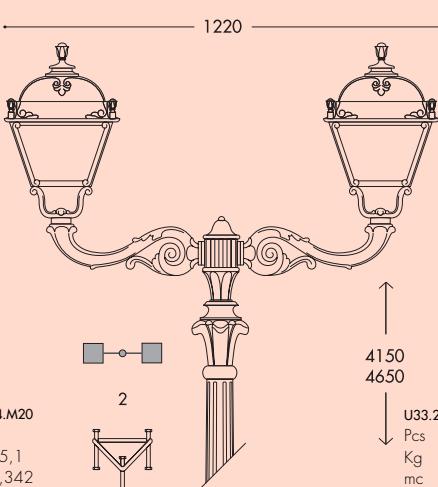
U33.237.M31

U33.234.M31  
Pcs 1  
Kg 43,4  
mc 0,476U33.237.M31  
Pcs 1  
Kg 46,9  
mc 0,503
**KARMEL 3500 ADAM/SIMON 2L**

U33.234.M20

**KARMEL 4000 ADAM/SIMON 2L**

U33.237.M20

U33.234.M20  
Pcs 1  
Kg 35,1  
mc 0,342U33.237.M20  
Pcs 1  
Kg 38,7  
mc 0,369



POST TYPE



NEBO 2500

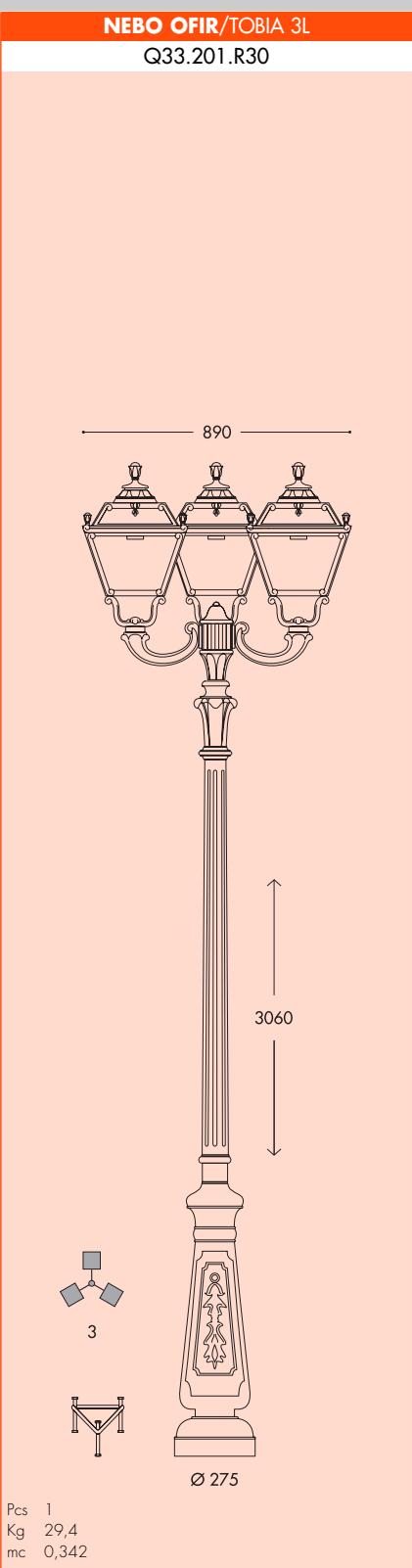
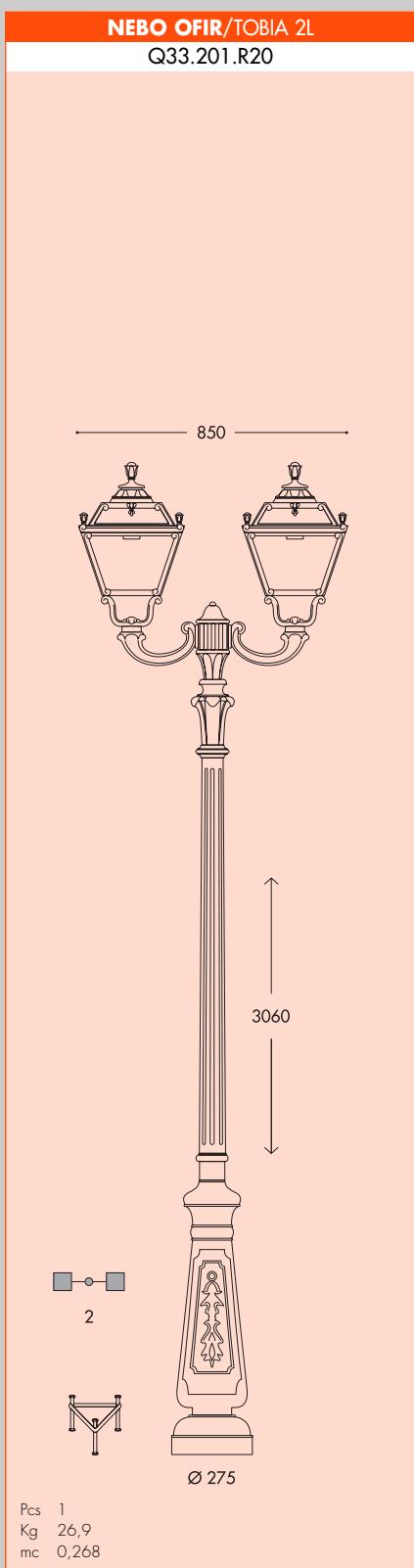
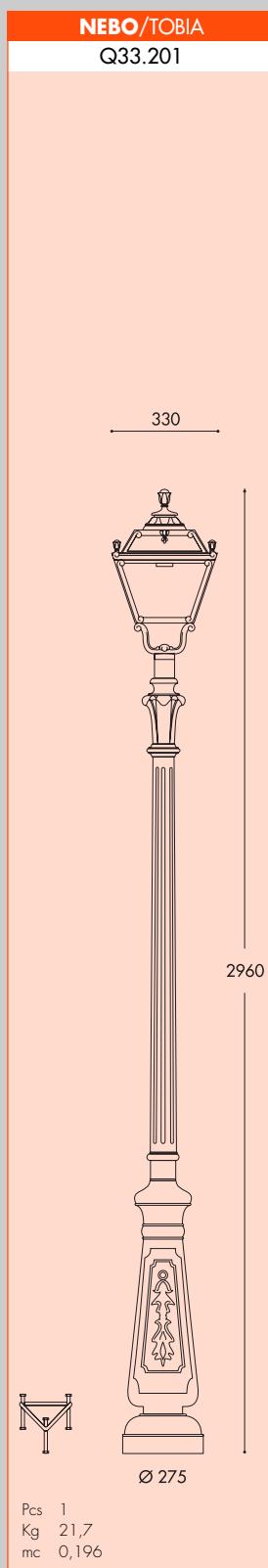
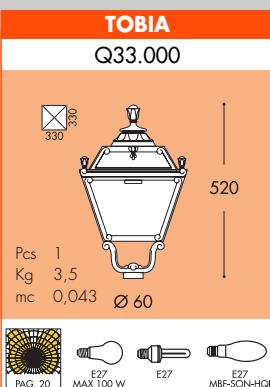
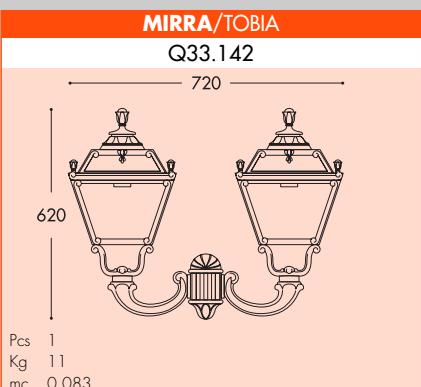
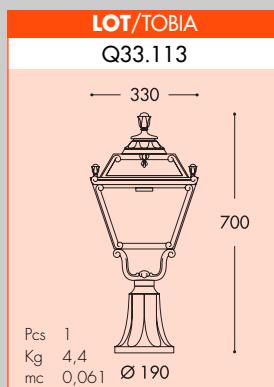


TABOR 3000

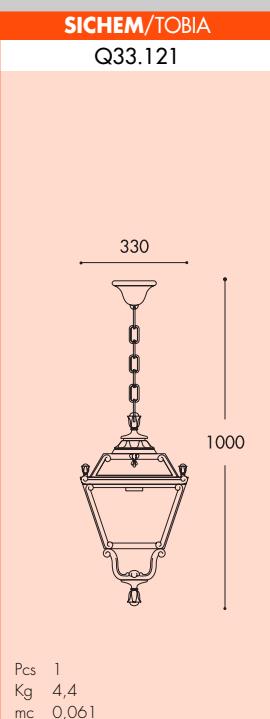


HOREB 3500





CLOSED DIFFUSER IP 55	GLS MAX 100W E27	WITHOUT BALLAST
	SL 25W E27	
	CFL 23W E27	
	MBF 50W E27 80W E27 SON 50W E27 70W E27 HQI 70W E27	
OPEN DIFFUSER	MBF 125W E27 SON 100W E40 HQI 100W E40	WITH BALLAST
<b>ALUMINIUM BREAKLIGHT (optional)</b>		
 <b>WHITE COLOUR</b> CODE: H.FB6		
 <b>CHROME</b> CODE: H.FC6		





POST TYPE



NEBO 2500



TABOR 3000

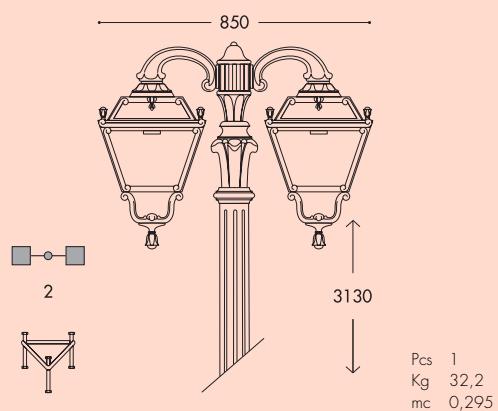


HOREB 3500

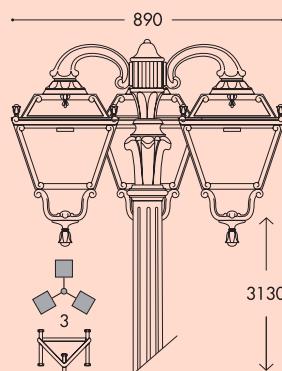


**TABOR OFIR/TOBIA 2L**

Q33.204.R20


**TABOR OFIR/TOBIA 3L**

Q33.204.R30

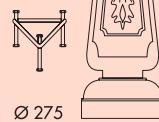

**TABOR/TOBIA**

Q33.204

330



3460

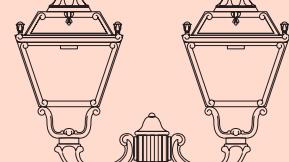


Pcs 1  
Kg 27  
mc 0,223

**TABOR OFIR/TOBIA 2L**

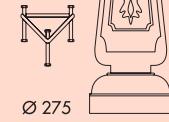
Q33.204.R20

850



3560

2

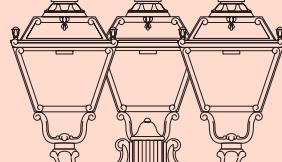


Pcs 1  
Kg 32,2  
mc 0,295

**TABOR OFIR/TOBIA 3L**

Q33.204.R30

890



3560

3



Pcs 1  
Kg 34,6  
mc 0,369

# TOBIA



 fumagalli®



POST TYPE

NEBO 2500

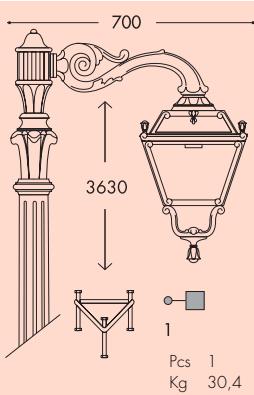
TABOR 3000

HOREB 3500



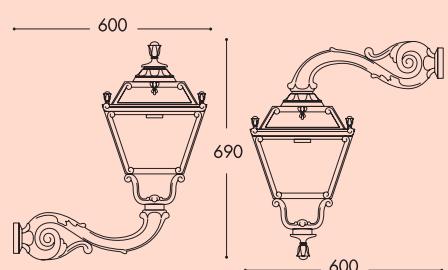
**HOREB ADAM/TOBIA 1L**

Q33.207.M10


Pcs 1  
Kg 30,4  
mc 0,280

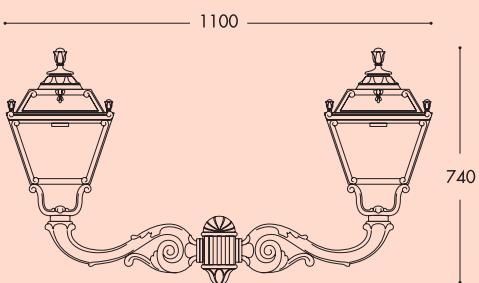
**ADAM/TOBIA**

Q33.171


Pcs 1  
Kg 6,3  
mc 0,083

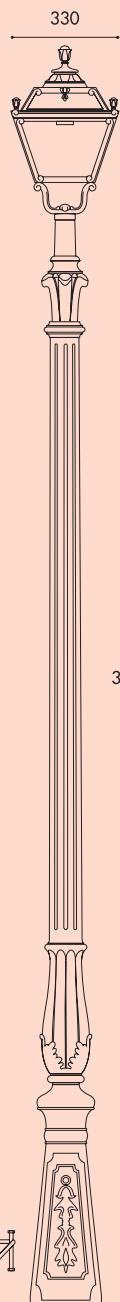
**EVA/TOBIA**

Q33.181


Pcs 1  
Kg 13  
mc 0,168

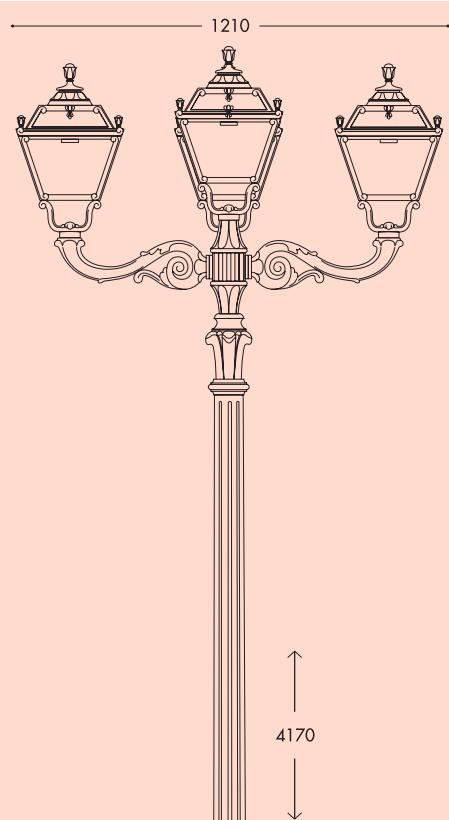
**HOREB/TOBIA**

Q33.207


Ø 275 Pcs 1  
Kg 28,5  
mc 0,249

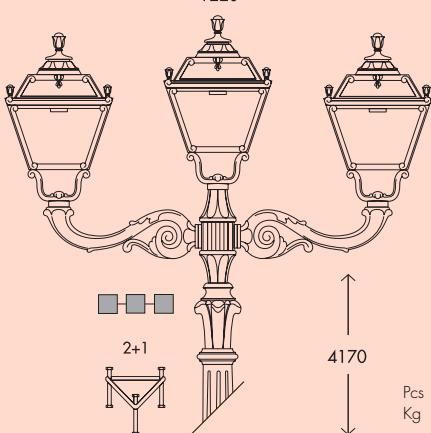
**HOREB ADAM/TOBIA 3+1**

Q33.207.M31


Ø 275 Pcs 1  
Kg 43,4  
mc 0,476

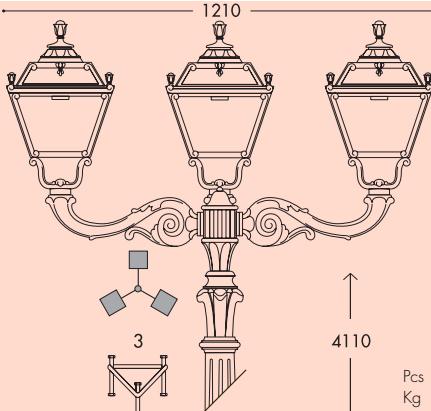
**HOREB ADAM/TOBIA 2+1**

Q33.207.M21


Pcs 1  
Kg 38,8  
mc 0,404

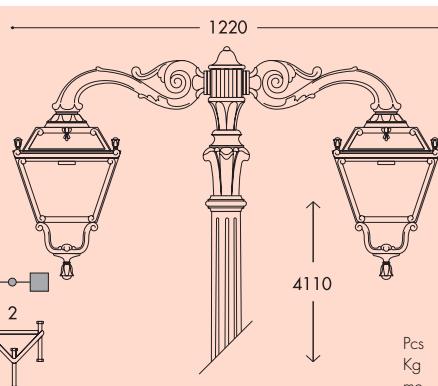
**HOREB ADAM/TOBIA 3L**

Q33.207.M30


Pcs 1  
Kg 39,7  
mc 0,414

**HOREB ADAM/TOBIA 2L**

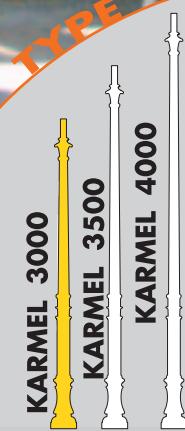
Q33.207.M20


Pcs 1  
Kg 35,1  
mc 0,342

# TOBIA

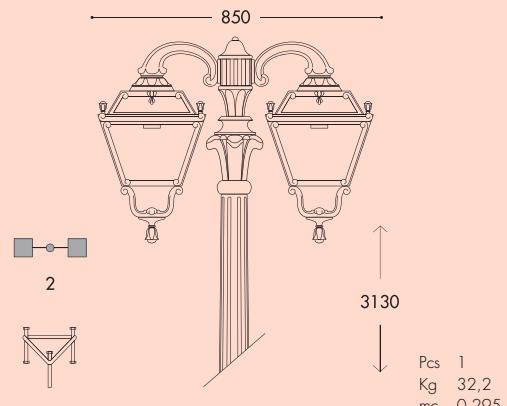


**fumagalli®**

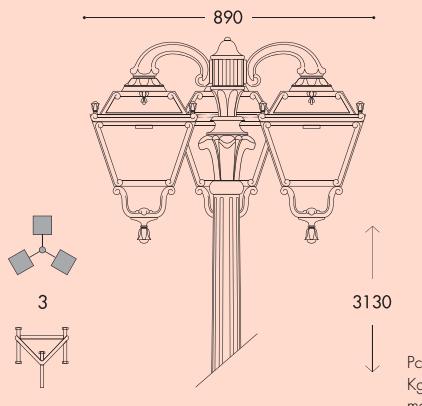


**KARMEL 3000 OFIR/TOBIA 2L**

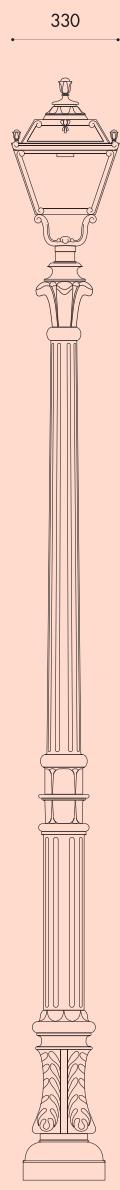
Q33.231.R20


**KARMEL 3000 OFIR/TOBIA 3L**

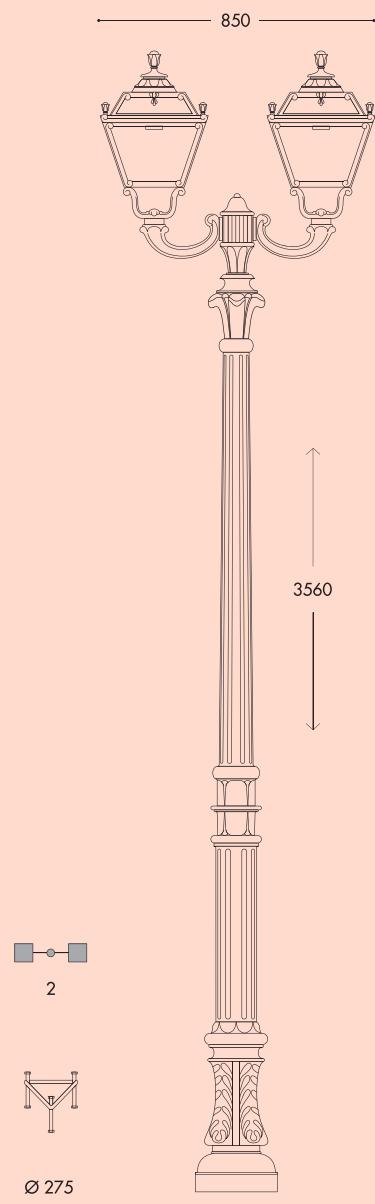
Q33.231.R30


**KARMEL 3000/TOBIA**

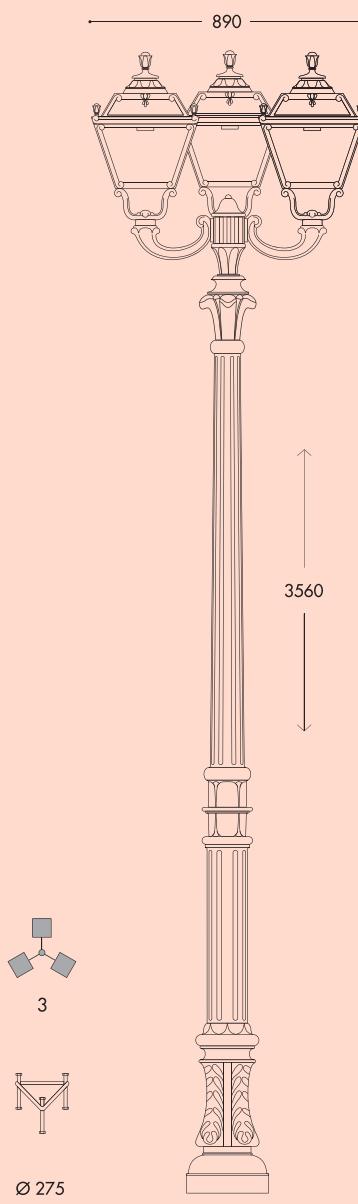
Q33.231


**KARMEL 3000 OFIR/TOBIA 2L**

Q33.231.R20


**KARMEL 3000 OFIR/TOBIA 3L**

Q33.231.R30



# TOBIA



**fumagalli®**



POST TYPE

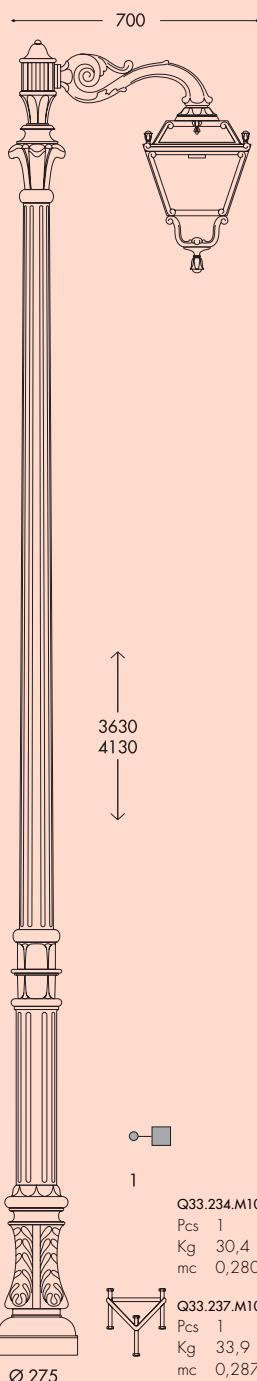
KARMEL 3000

KARMEL 3500

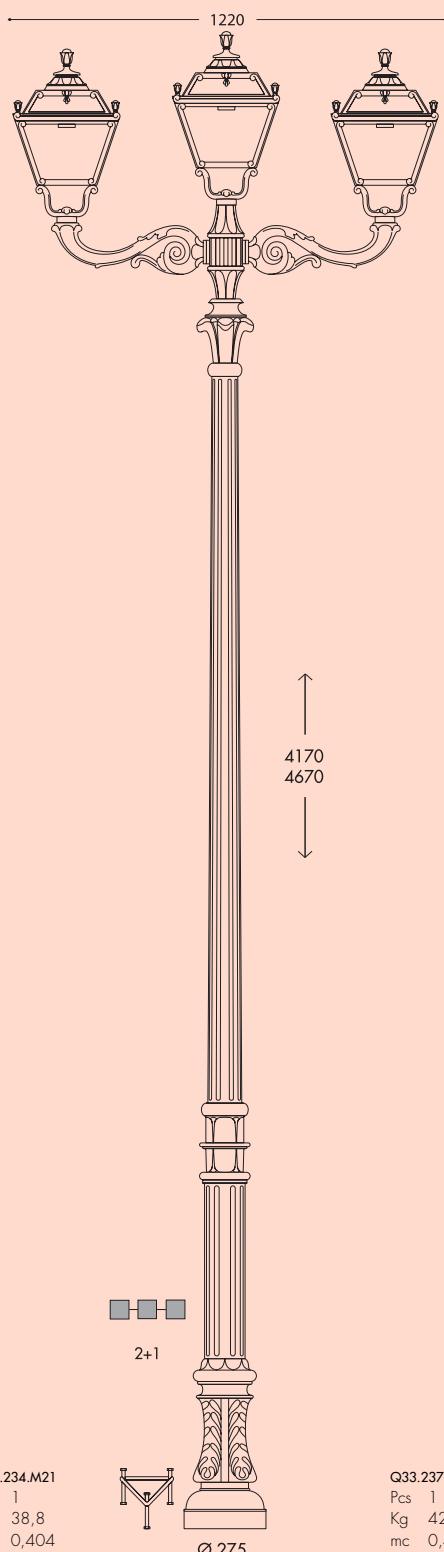
KARMEL 4000



**KARMEL 3500 ADAM/TOBIA 1L**  
Q33.234.M10  
**KARMEL 4000 ADAM/TOBIA 1L**  
Q33.237.M10



**KARMEL 3500 ADAM/TOBIA 2+1**  
Q33.234.M21  
**KARMEL 4000 ADAM/TOBIA 2+1**  
Q33.237.M21

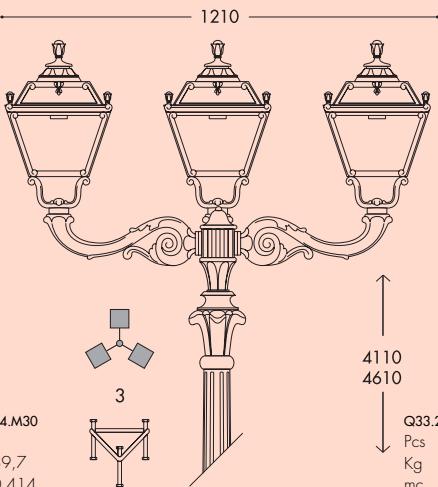


**KARMEL 3500 ADAM/TOBIA 3L**

Q33.234.M30

**KARMEL 4000 ADAM/TOBIA 3L**

Q33.237.M30

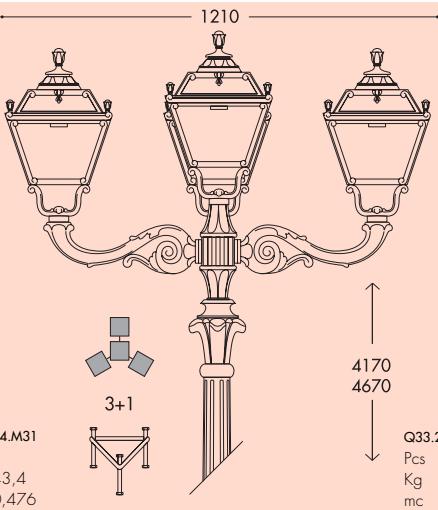


**KARMEL 3500 ADAM /TOBIA 3+1**

Q33.234.M31

**KARMEL 4000 ADAM /TOBIA 3+1**

Q33.237.M31

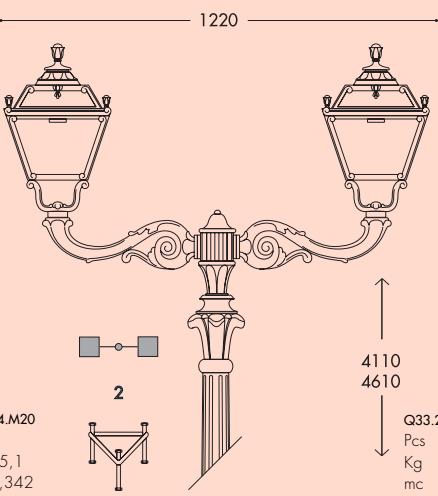


**KARMEL 3500 ADAM/TOBIA 2L**

Q33.234.M20

**KARMEL 4000 ADAM/TOBIA 2L**

Q33.237.M20



**LANTERNA ESAGONALE CLASSICA REALIZZATA IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE. DISPONIBILE IN DUE VARIANTI DECORATIVE, IDONEA PER IL MONTAGGIO A PALO, A SOSPENSIONE O A PARETE.**

CLASSIC HEXAGONAL LANTERNS MADE BY SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULAR CONSTRUCTION IN TWO DESIGN VARIATIONS SUITABLE FOR POST TOP, HANGING AND WALL INSTALLATION.



**NOEMI** E35.000

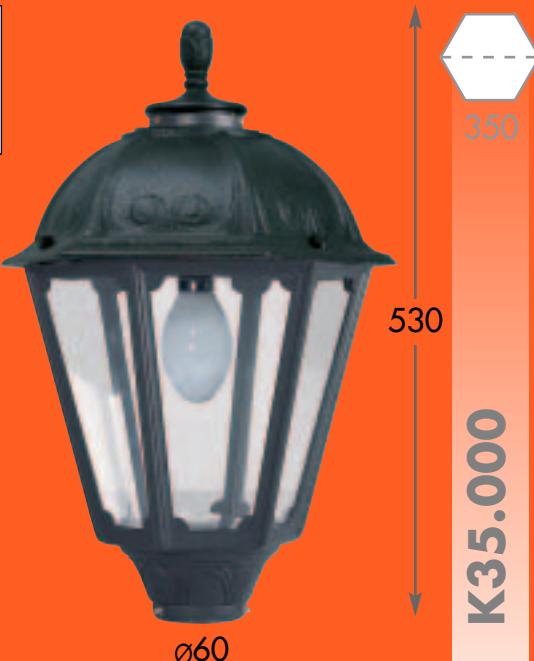
Height: 530 mm, Width: 350 mm, Depth: 305 mm.  
Weight: 3,5 Kg  
Area exposed to wind pressure CxS = m<sup>2</sup> 0,110

**SUITABLE FOR:**



**INSTALLATION**





**SIOLE** K35.000

Height: 530 mm, Width: 350 mm, Depth: 305 mm.  
Weight: 3,5 Kg  
Area exposed to wind pressure CxS = m<sup>2</sup> 0,113

Insulation class: II      Protection rating: IP55 (closed diffuser)  
 Molded colors in paste, no maintenance or painting required.  
 Modular construction for simplified replacement of spare parts. Ceramic lampholder with metal spring.

## VERSIONS AVAILABLE

REF.CODE

CLOSED DIFFUSER IP 55	GLS MAX	100W E27	E35.000.000	WITHOUT BALLAST
	SL	25W E27		
	CFL	23W E27		
MBF	50W E27	E35.000.M50	E35.000.000	WITH BALLAST
	80W E27	E35.000.M80		
	SON	50W E27		
SON	70W E27	E35.000.S70	E35.000.000	WITH BALLAST
	HQI	70W E27		
		E35.000.H70		



CLOSED DIFFUSER IP 55	GLS MAX	100W E27	K35.000.000	WITHOUT BALLAST
	SL	25W E27		
	CFL	23W E27		
MBF	50W E27	K35.000.M50	K35.000.000	WITH BALLAST
	80W E27	K35.000.M80		
	SON	50W E27		
SON	70W E27	K35.000.S50	K35.000.000	WITH BALLAST
	HQI	70W E27		
		K35.000.H70		

The photometric data for all the versions are available upon request

## COLOURS

MOULDED



White



Black



Green

PAINTED



Antique Green



Antique Bronze

PMMA  
DIFFUSERS



Clear



Opal



1.



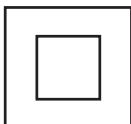
2.



3.



4.

**CLASS II**DOUBLE  
INSULATION**PROTECTION**CLOSED  
DIFFUSER

**Pinnacolo decorativo** applicabile alla sommità della calotta (montaggio a palo) o sulla gabbia (montaggio a sospensione).

**Decorative pinnacle** to be mounted on the roof top for post top installation or on the lantern base for hanging installation.

**Tetto** in un unico pezzo, removibile senza l'ausilio di attrezzi per manutenzione e cambio lampadina.

Realizzato in resina antiurto, stabilizzato ai raggi UV, inattaccabile da ruggine e corrosione.

**Lantern roof**, one piece only, tool-free opening for relamping and access to control-gear. Made by shock-proof resin material, UV rays stabilized, rust and corrosion-free.

**Soffitto** realizzato in policarbonato (PC) bianco ad alta resistenza al calore, nella cui parte superiore possono essere fissati gli ausiliari elettrici e nella cui parte inferiore si trova l'alloggiamento del portalampana.

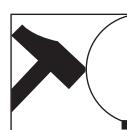
**High temperature resistant ceiling** made in white polycarbonate (PC), suitable for ballast fixation on its upper side and provided with lampholder seat on its lower side.

**Diffusore in polimetilmetacrilato** (PMMA) resistente all'ingiallimento ed ai raggi UV, disponibile in colore trasparente o opale, realizzato in unico pezzo, provvisto di sede per alloggiamento del cavo elettrico di alimentazione.

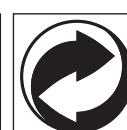
**Luminaire diffuser** of UV stabilized PMMA, one piece only, with recess for a power supply cable, available in clear or opal colour.

**Gabbia** in un unico pezzo, realizzata in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

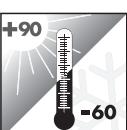
**Cage**, one piece only, made by shockproof resin material, UV rays stabilized, rust and corrosion-free.

**RESIN MATERIAL**COLOURS  
IN PASTE

ANTI-SHOCK

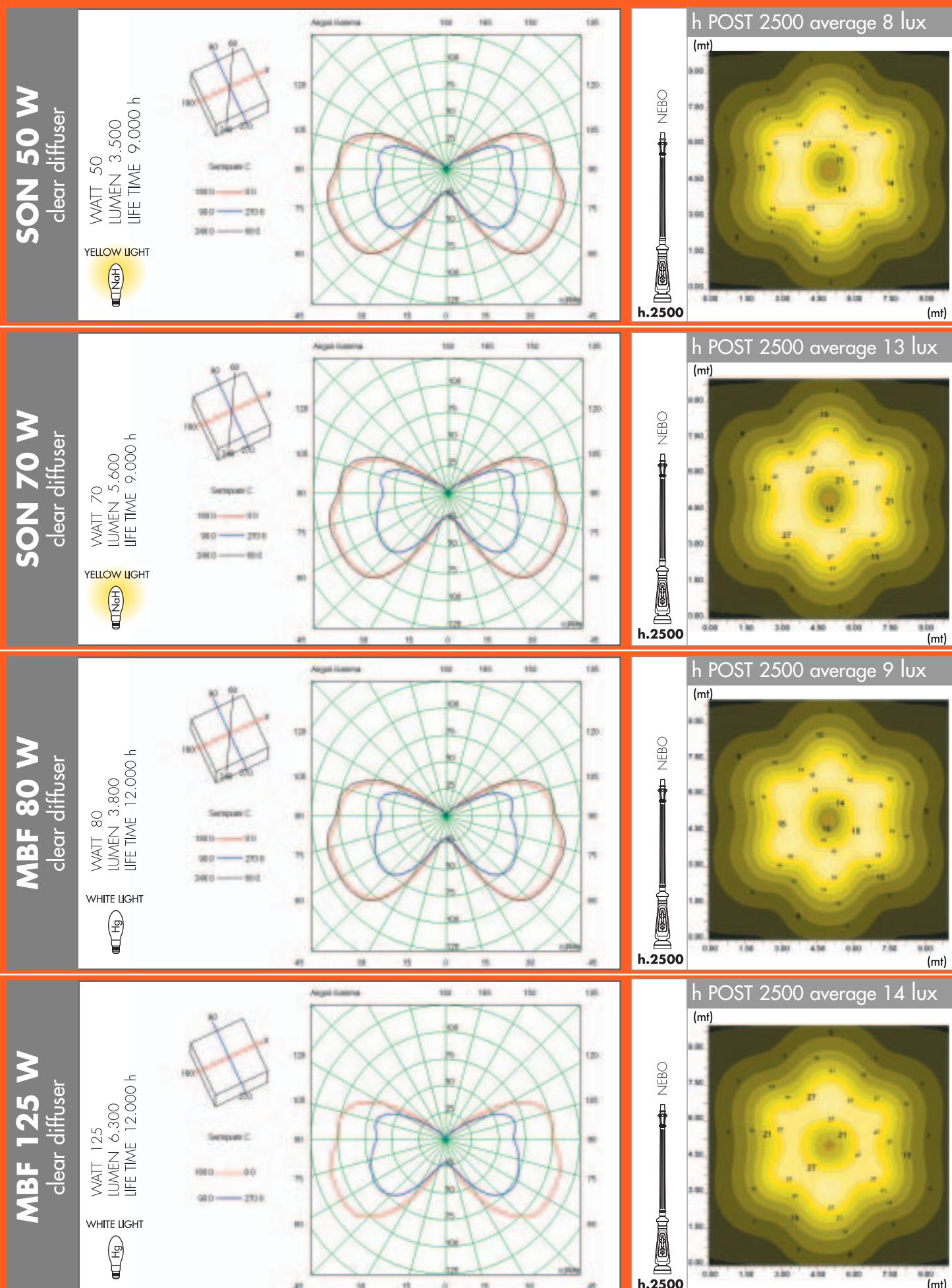


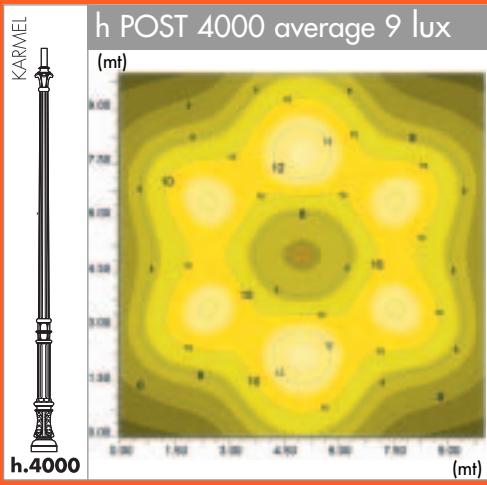
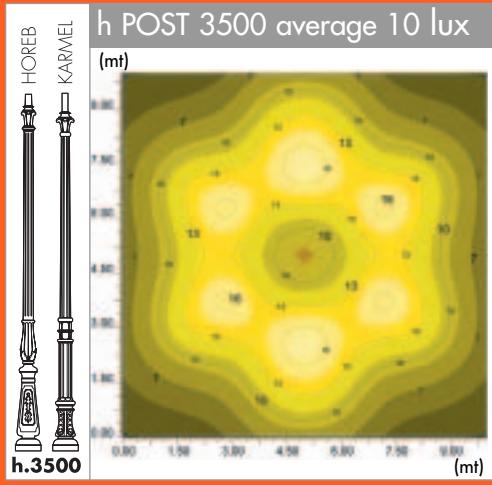
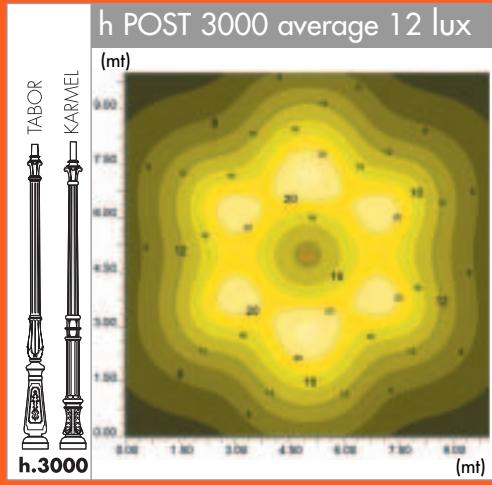
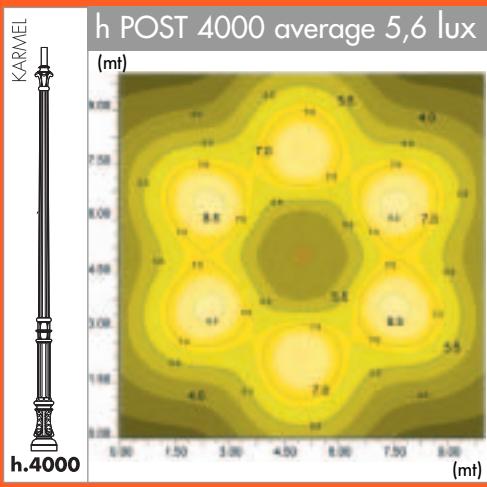
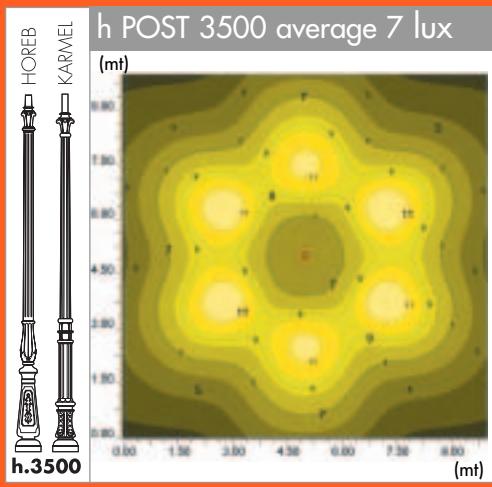
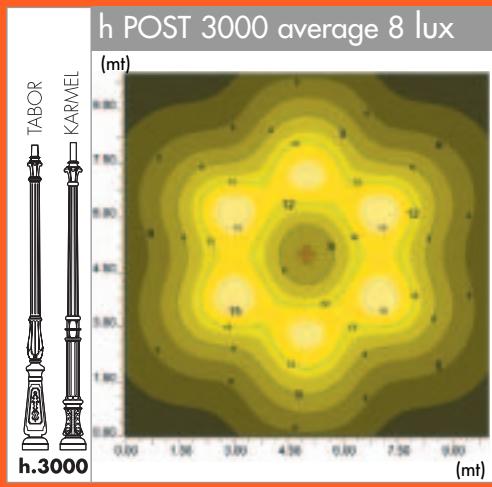
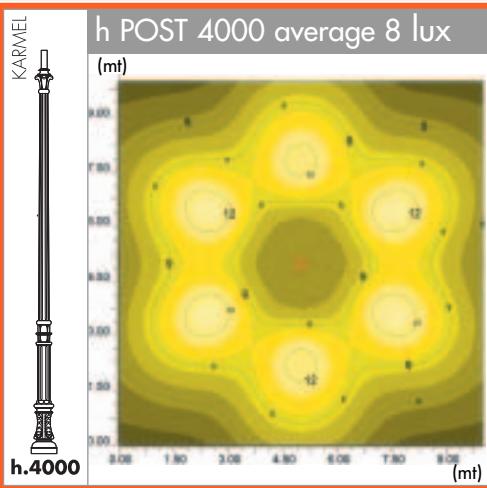
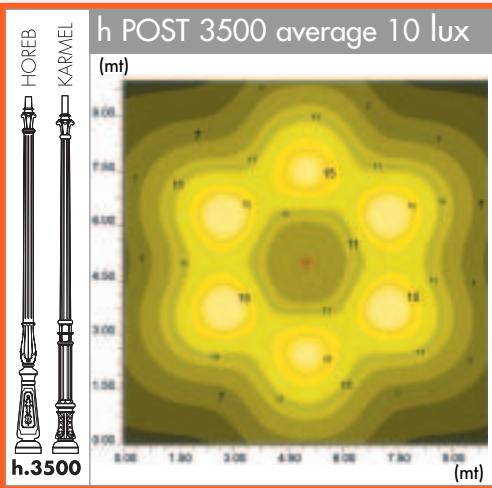
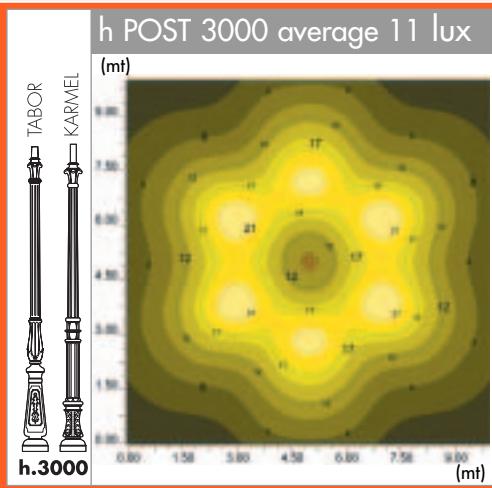
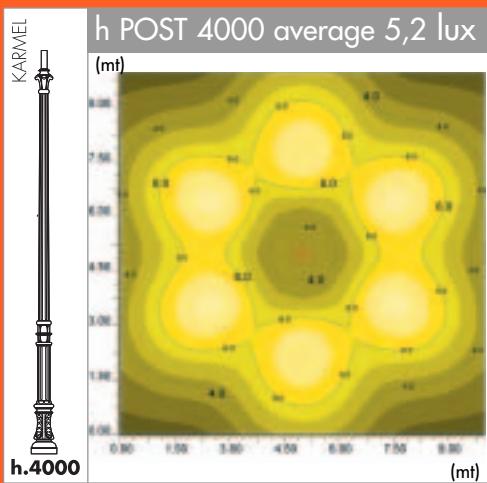
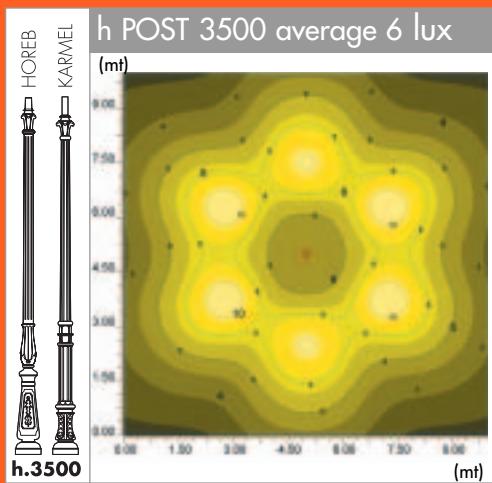
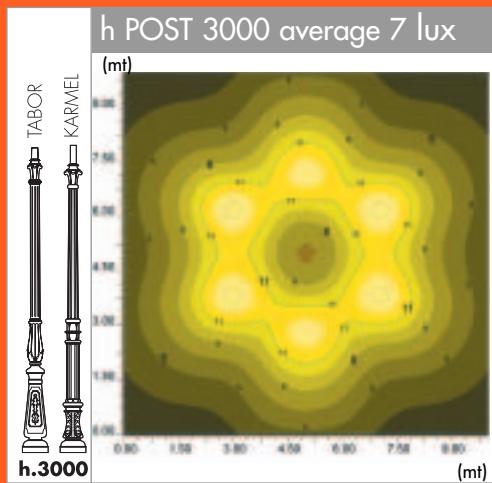
RECYCLABLE



TEMPERATURE

# PHOTOMETRIC DIAGRAMS







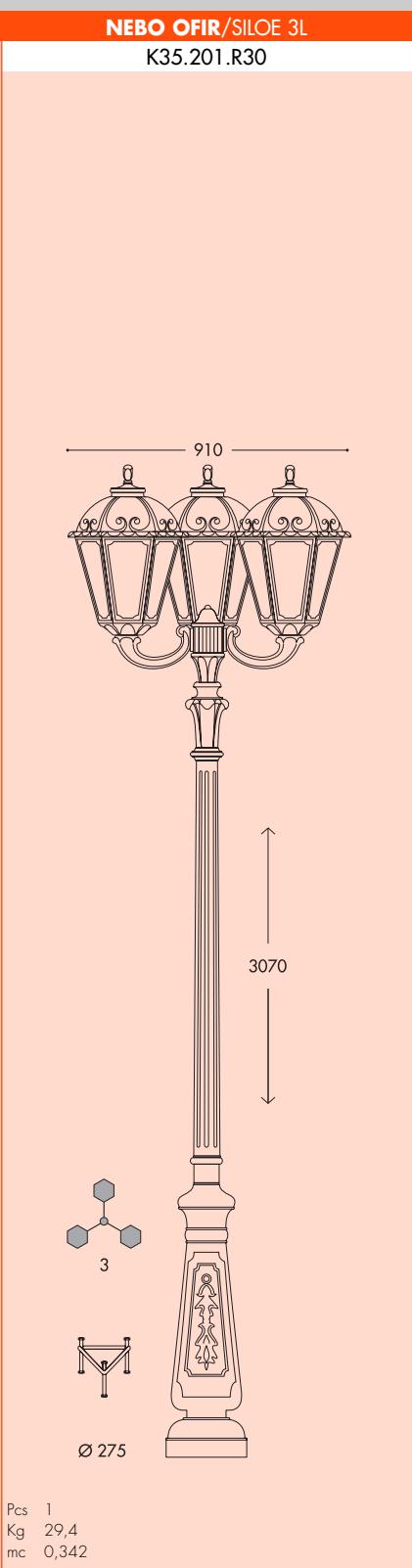
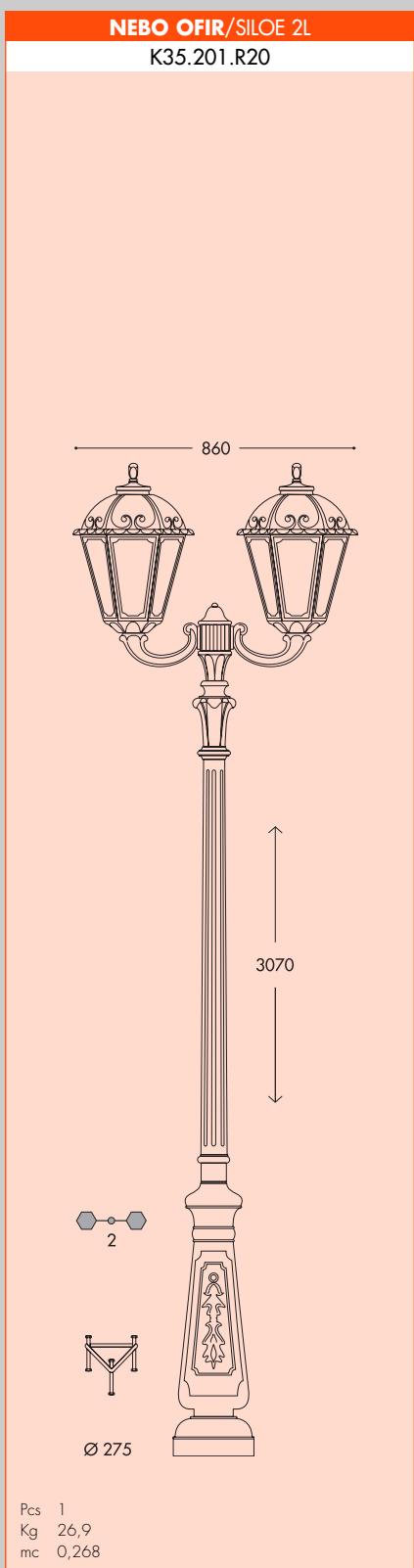
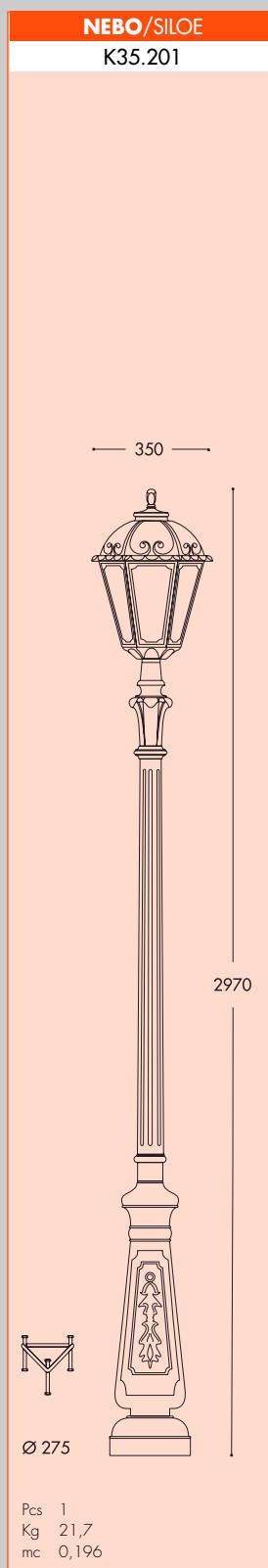
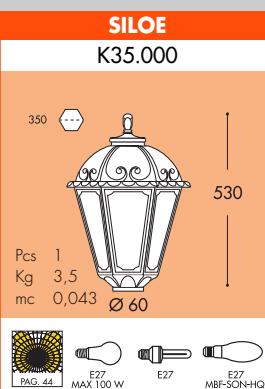
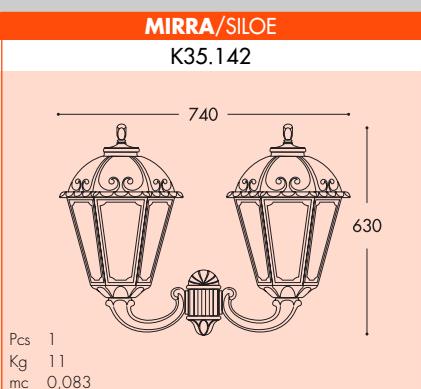
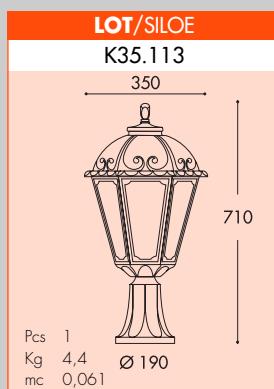
POST TYPE

NEBO 2500

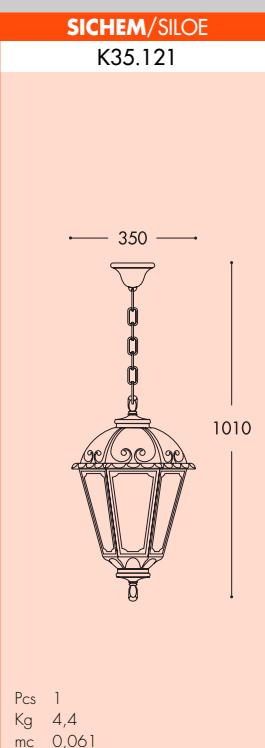
TABOR 3000

HOREB 3500





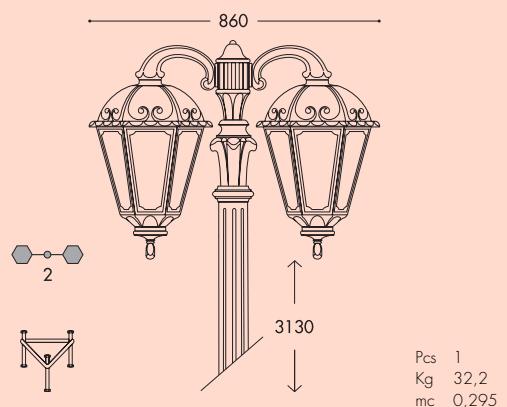
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SL	25W E27	
CFL	23W E27	
CLOSED DIFFUSER IP 55	MBF 50W E27 80W E27 SON 50W E27 70W E27 HQI 70W E27	WITHOUT BALLAST WITH BALLAST



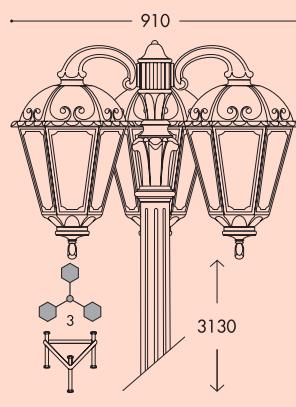


**TABOR OFIR/SILOE 2L**

K35.204.R20

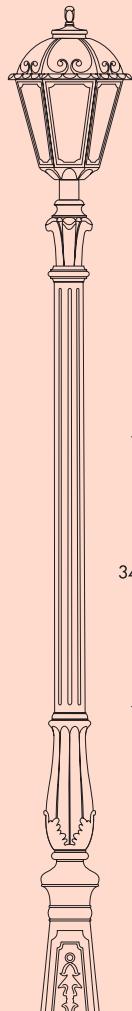

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K35.204.R30

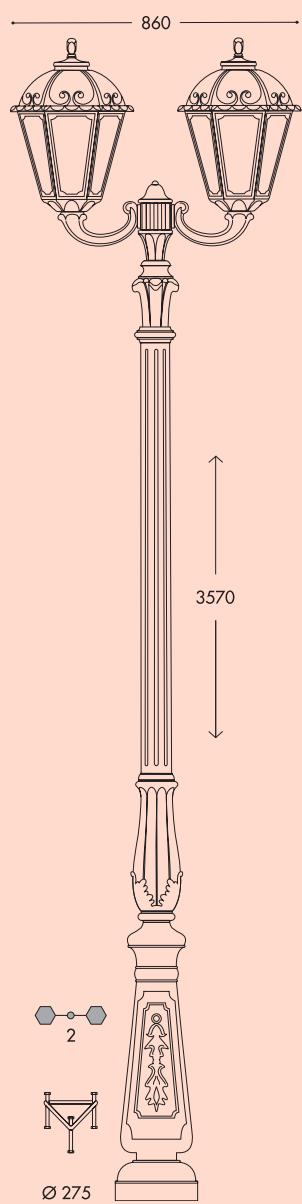

**TABOR/SILOE**

K35.204

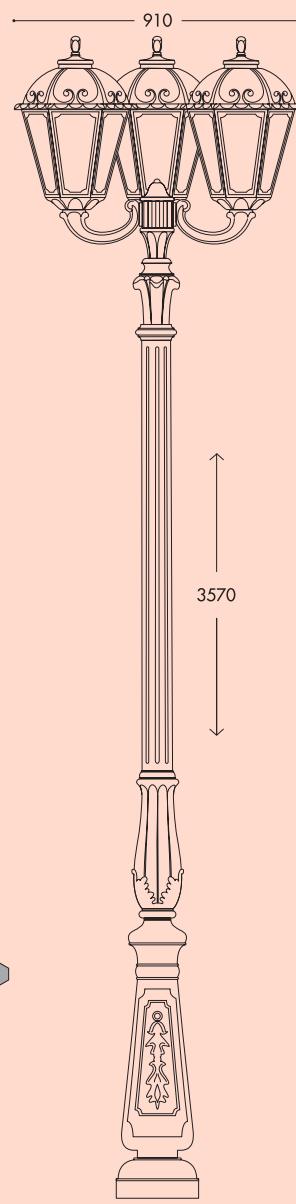
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K35.204.R20

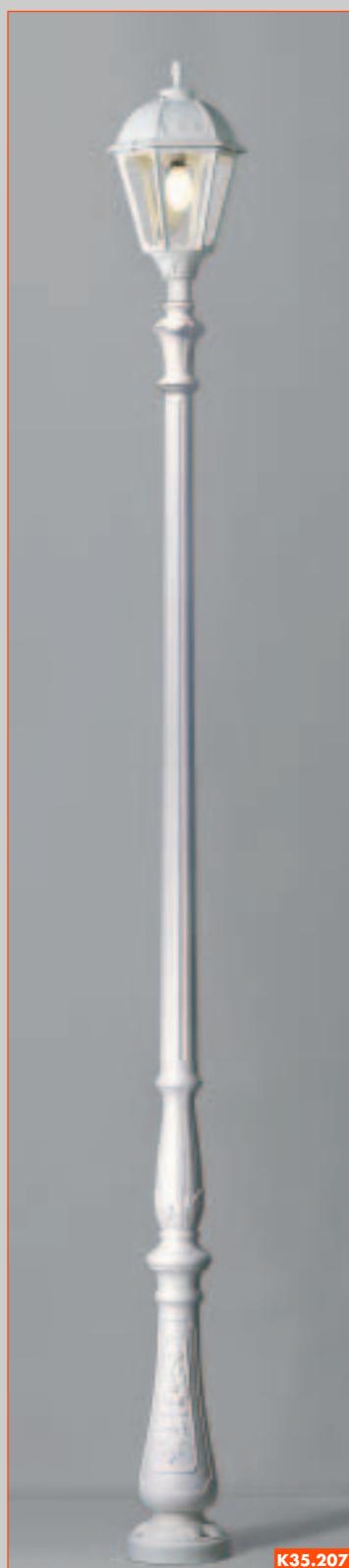
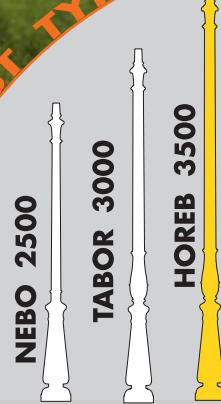

**TABOR OFIR/SILOE 3L**

K35.204.R30


 Pcs 1  
 Kg 27  
 mc 0,223

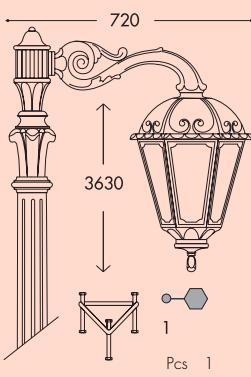
 Pcs 1  
 Kg 32,2  
 mc 0,295

 Pcs 1  
 Kg 34,6  
 mc 0,369

**POST TYPE**

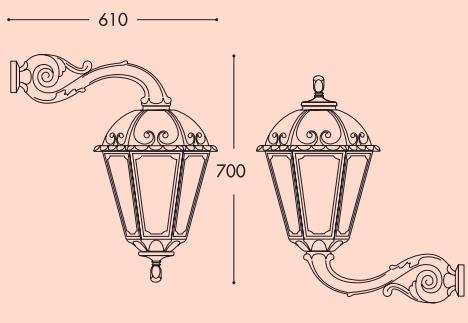
**HOREB ADAM/SILOE 1L**

K35.207.M10


Pcs 1  
Kg 30,4  
mc 0,280

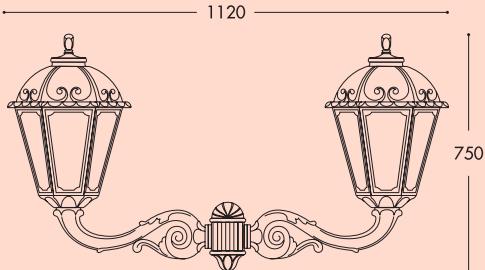
**ADAM/SILOE**

K35.171


Pcs 1  
Kg 6,3  
mc 0,083

**EVA/SILOE**

K35.181


Pcs 1  
Kg 13  
mc 0,168

**HOREB/SILOE**

K35.207

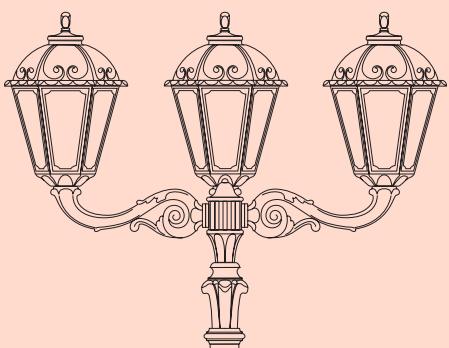


3970

Ø 275  
Pcs 1  
Kg 28,5  
mc 0,249

**HOREB ADAM/SILOE 3L**

K35.207.M30

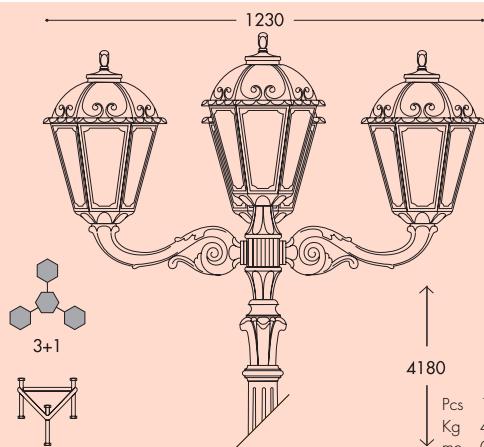


4120

Ø 275  
Pcs 1  
Kg 39,7  
mc 0,414

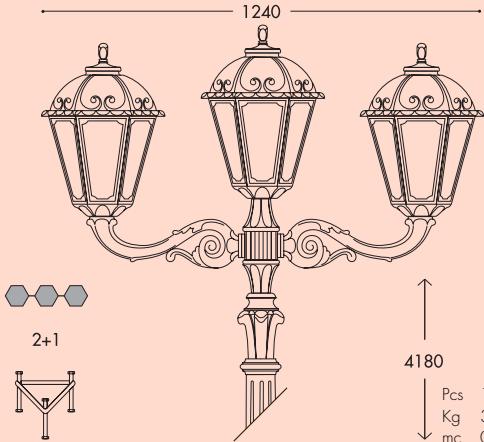
**HOREB ADAM/SILOE 3+1**

K35.207.M31


4180  
Pcs 1  
Kg 43,4  
mc 0,476

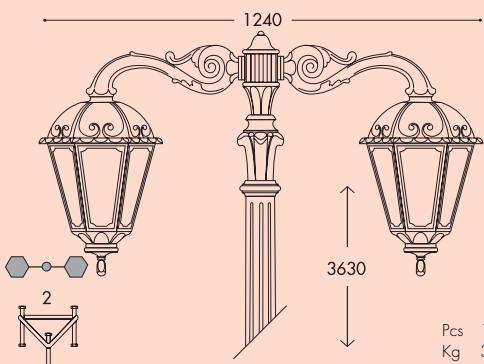
**HOREB ADAM/SILOE 2+1**

K35.207.M21


4180  
Pcs 1  
Kg 38,8  
mc 0,404

**HOREB ADAM/SILOE 2L**

K35.207.M20


3630  
Pcs 1  
Kg 35,1  
mc 0,342

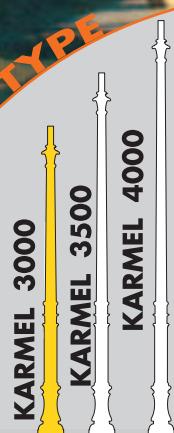
**SILOE**



**fumagalli®**

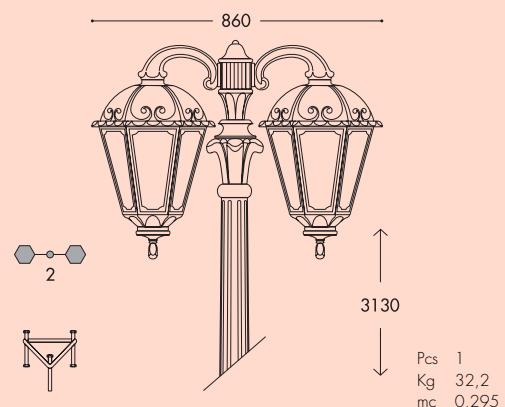


POST TYPE

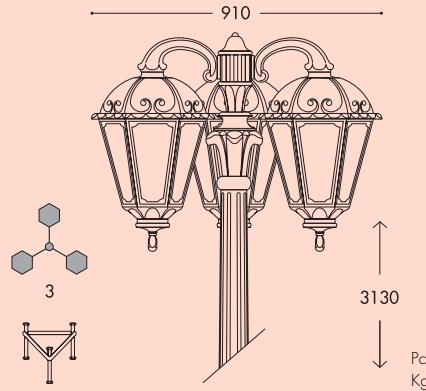


**KARMEL 3000 OFIR/SILOE 2L**

K35.231.R20


**KARMEL 3000 OFIR/SILOE 3L**

K35.231.R30


**KARMEL 3000/SILOE**

K35.231

350



3470

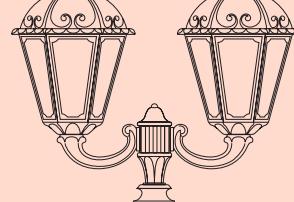
275

 Pcs 1  
Kg 27  
mc 0,223

**KARMEL 3000 OFIR/SILOE 2L**

K35.231.R20

860



3570

2

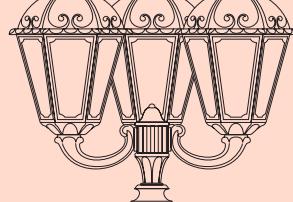
275

 Pcs 1  
Kg 32,2  
mc 0,295

**KARMEL 3000 OFIR/SILOE 3L**

K35.231.R30

910



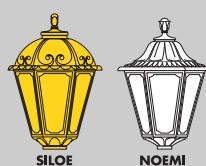
3570

3

275

 Pcs 1  
Kg 34,6  
mc 0,369

**SILOE**



**fumagalli®**



*POST TYPE*

KARMEL 3000  
KARMEL 3500  
KARMEL 4000

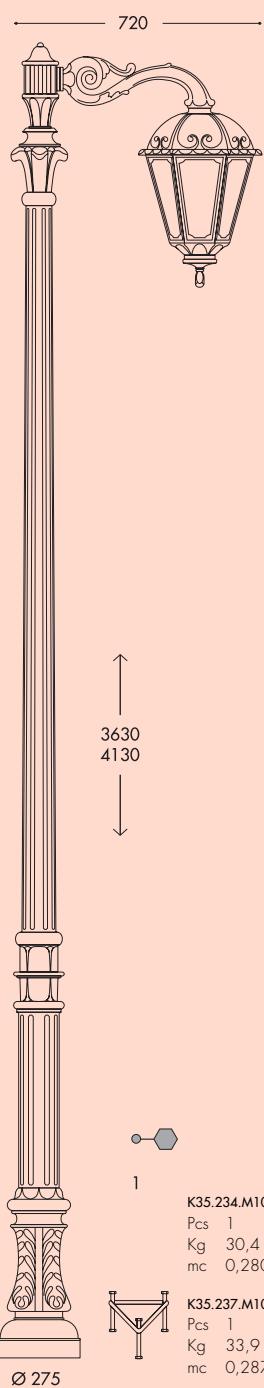


**KARMEL 3500 ADAM / SILOE 1L**

K35.234.M10

**KARMEL 4000 ADAM / SILOE 1L**

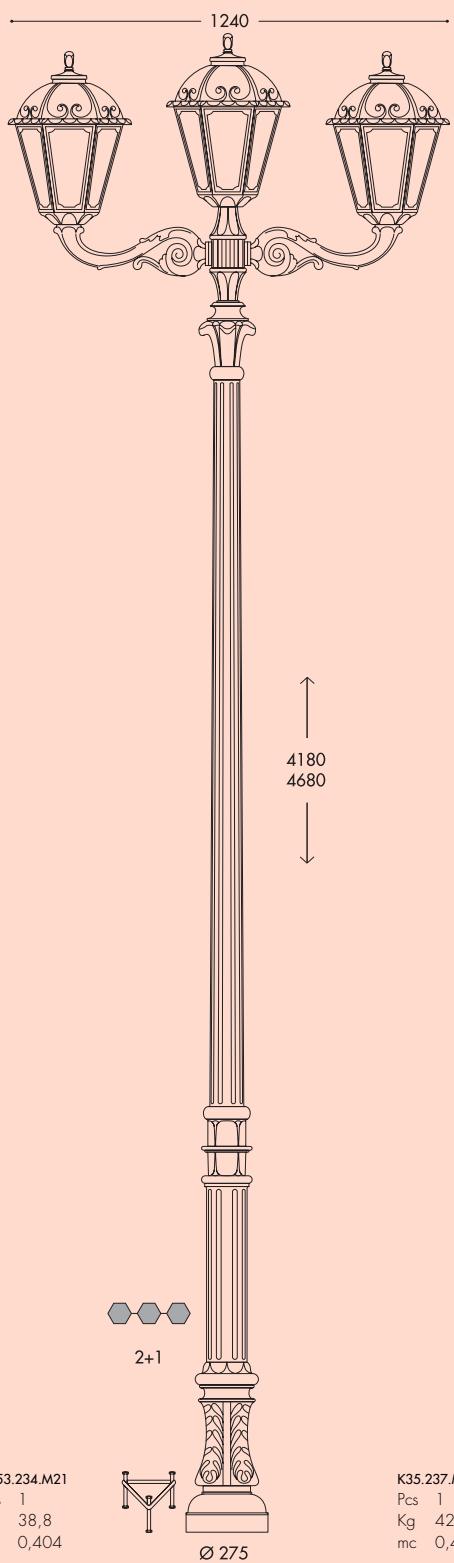
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**KARMEL 3500 ADAM / SILOE 2+1**

K35.234.M21

**KARMEL 4000 ADAM / SILOE 2+1**

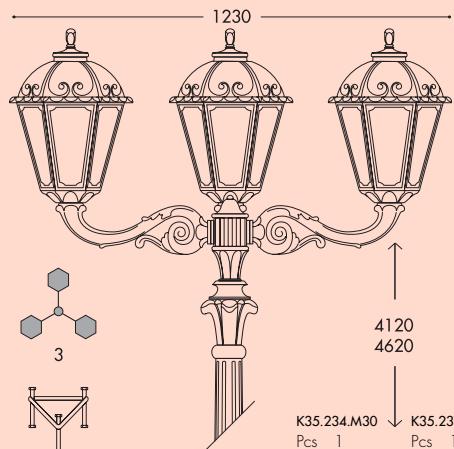
K35.237.M21


**KARMEL 3500 ADAM / SILOE 3L**

K35.234.M30

**KARMEL 4000 ADAM / SILOE 3L**

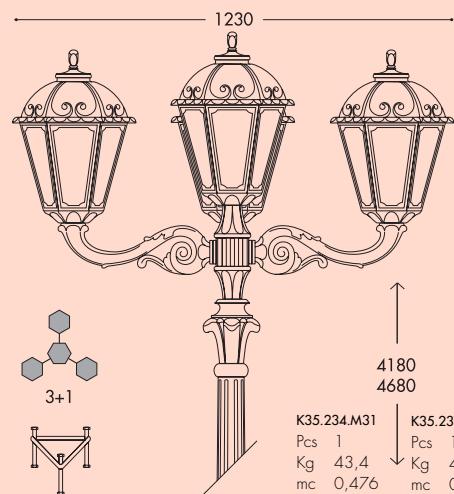
K35.237.M30


**KARMEL 3500 ADAM / SILOE 3+1**

K35.234.M31

**KARMEL 4000 ADAM / SILOE 3+1**

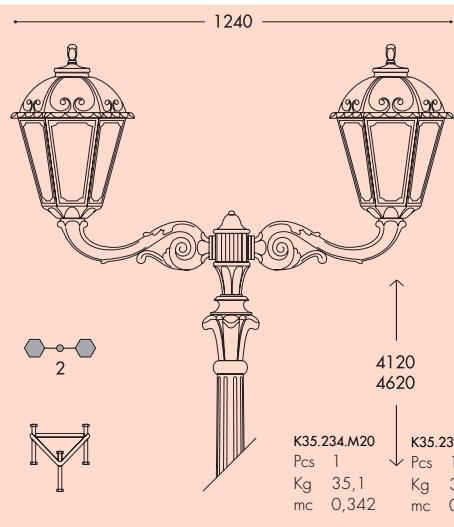
K35.237.M31


**KARMEL 3500 ADAM / SILOE 2L**

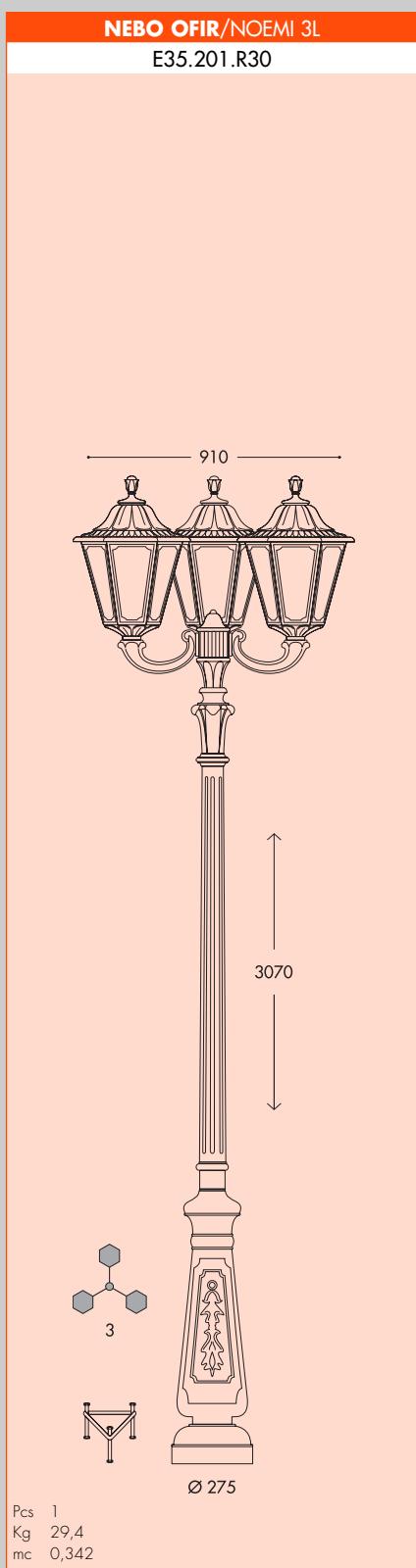
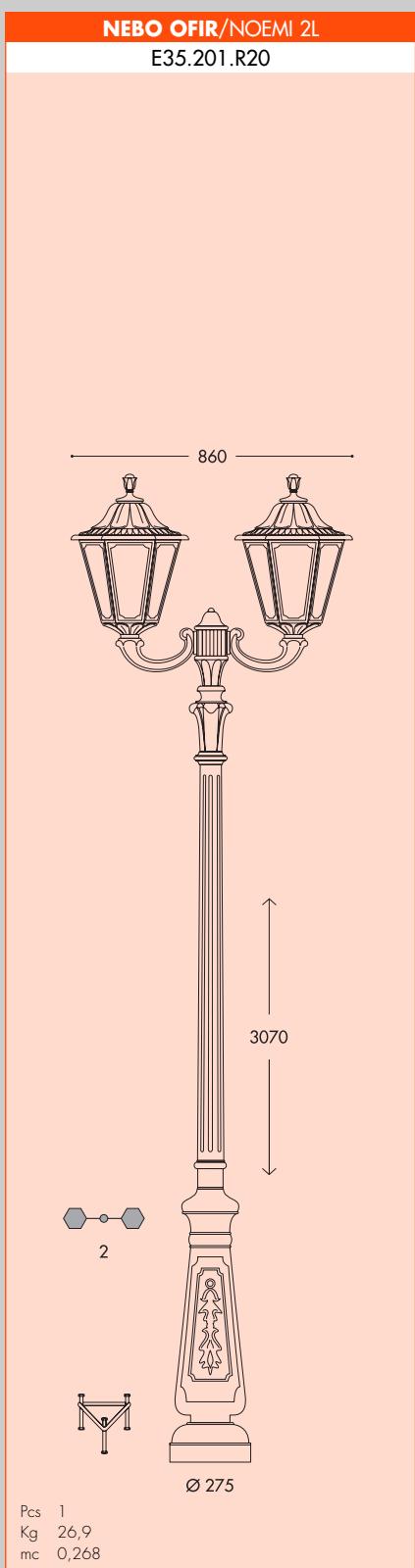
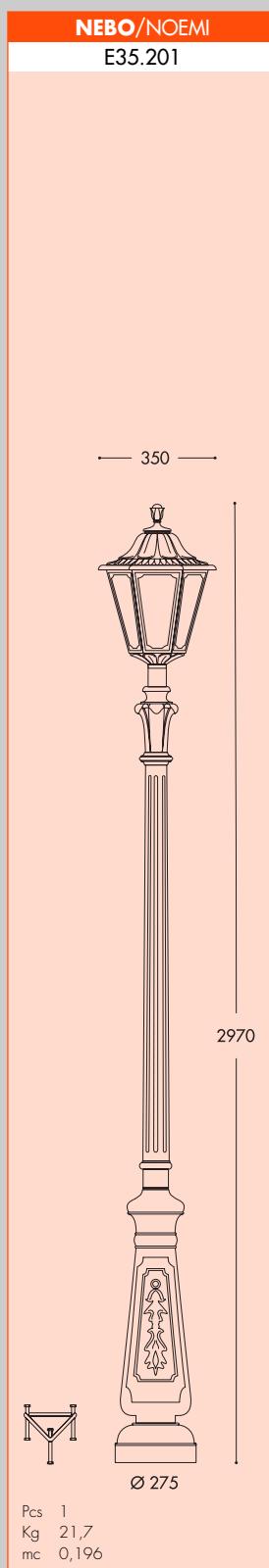
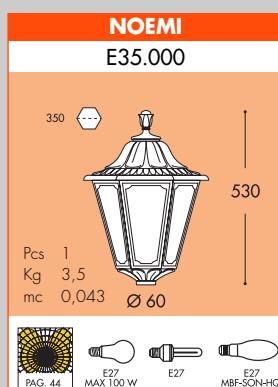
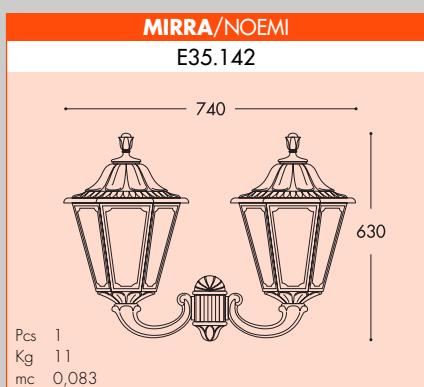
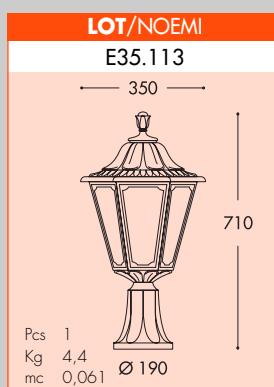
K35.234.M20

**KARMEL 4000 ADAM / SILOE 2L**

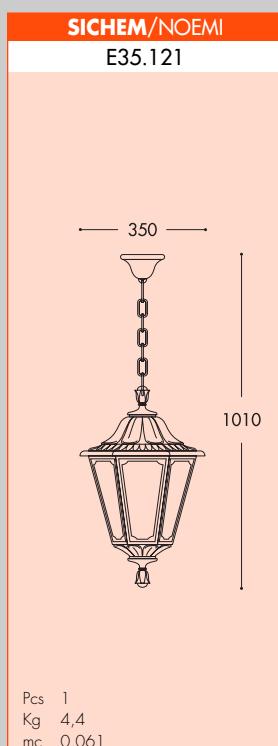
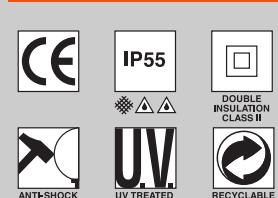
K35.237.M20







	GLS MAX 100W E27	
CLOSED DIFFUSER IP 55	SL 25W E27	WITHOUT BALLAST
	CFL 23W E27	
	MBF 50W E27	
	80W E27	
	SON 50W E27	
	70W E27	
	HQI 70W E27	WITH BALLAST



# NOEMI

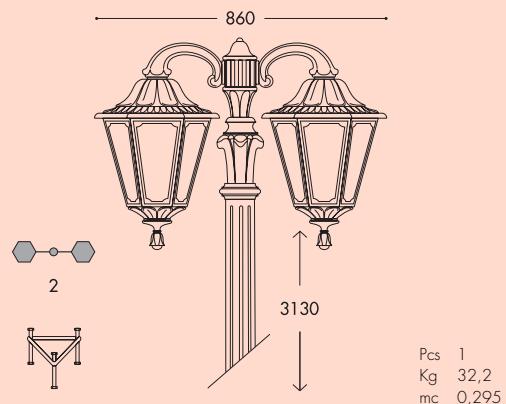


 fumagalli®

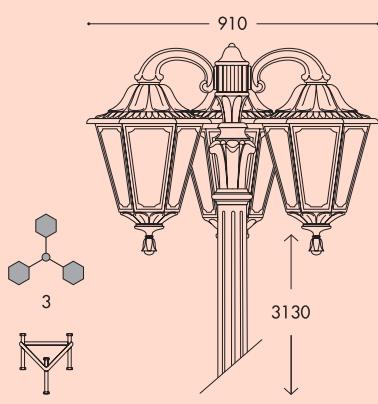


**TABOR OFIR/NOEMI 2L**

E35.204.R20

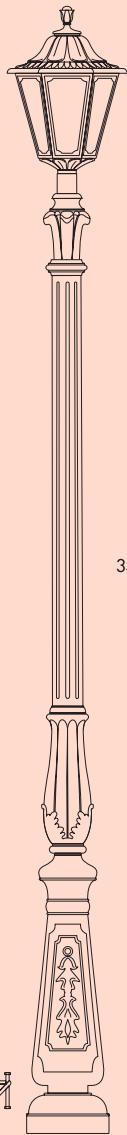

**TABOR OFIR/NOEMI 3L**

E35.204.R30

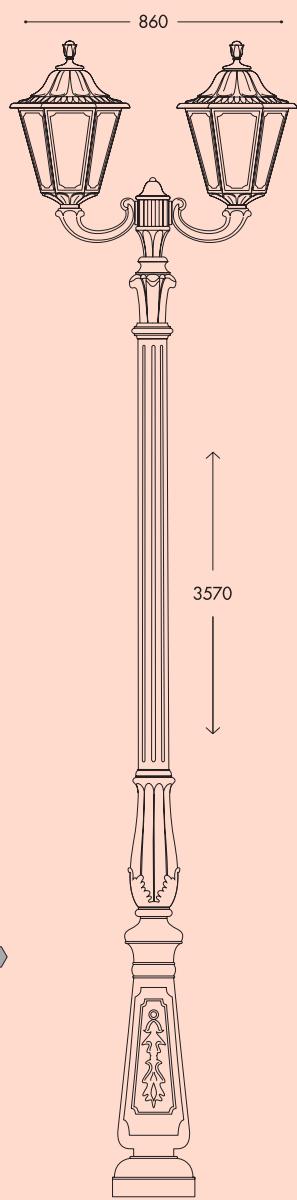

**TABOR/NOEMI**

E35.204

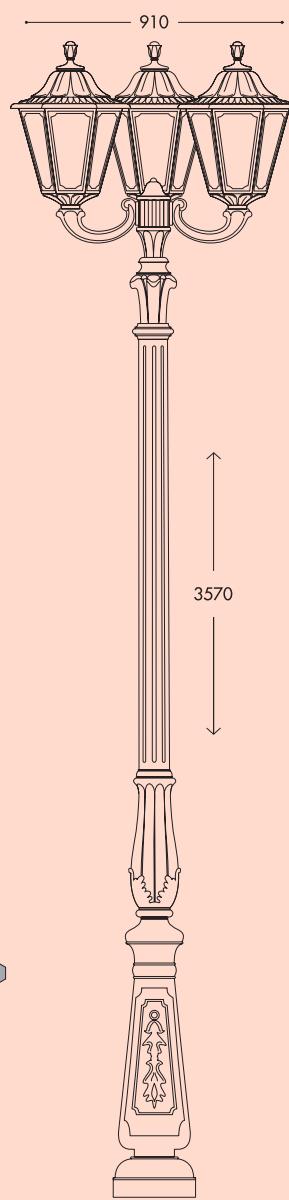
350


**TABOR OFIR/NOEMI 2L**

E35.204.R20


**TABOR OFIR/NOEMI 3L**

E35.204.R30



**NOEMI**



 fumagalli®

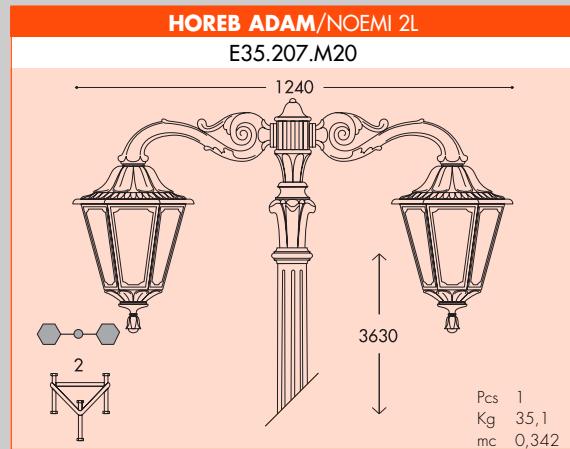
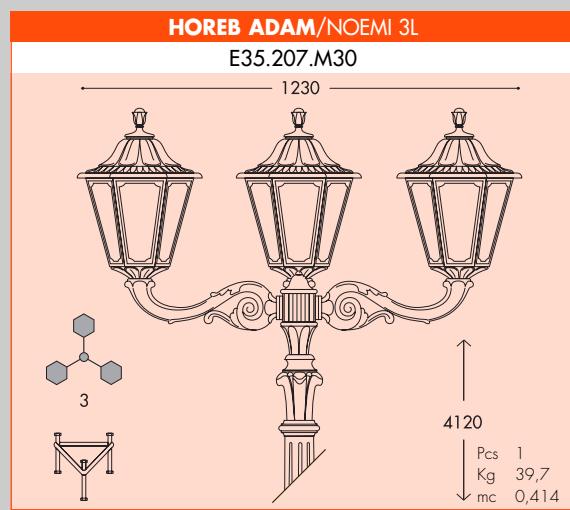
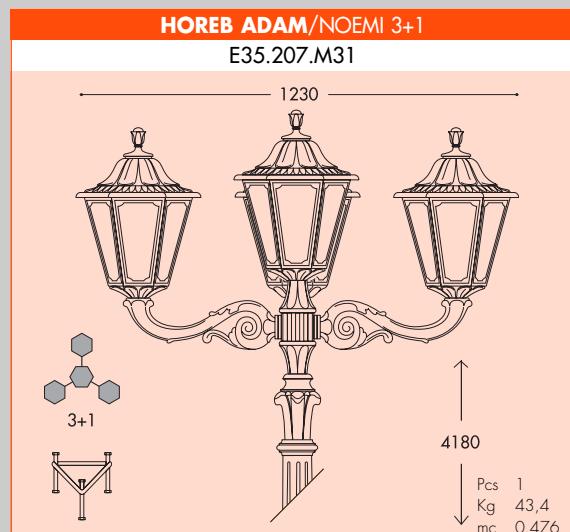
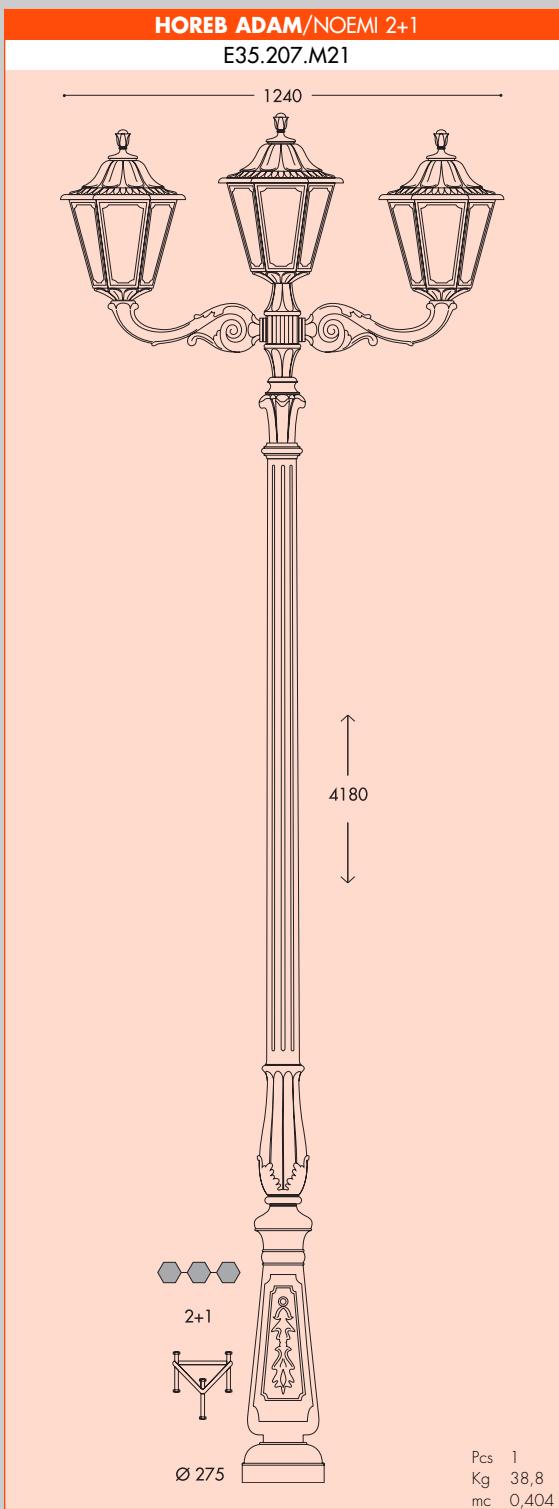
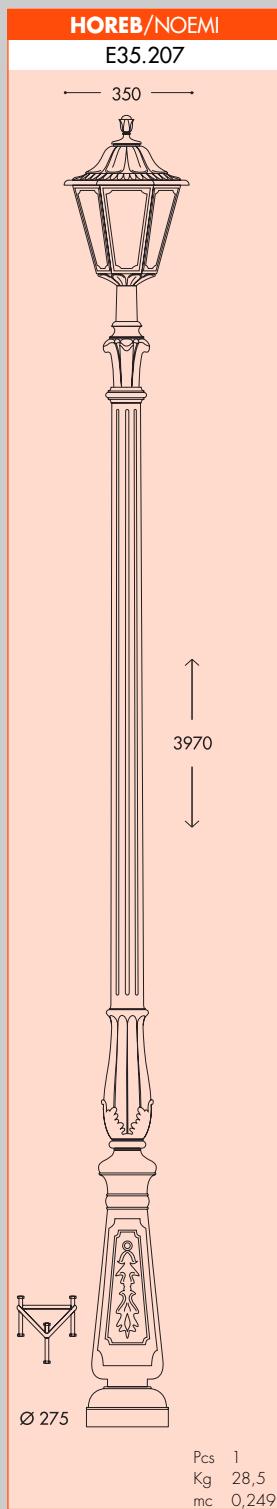
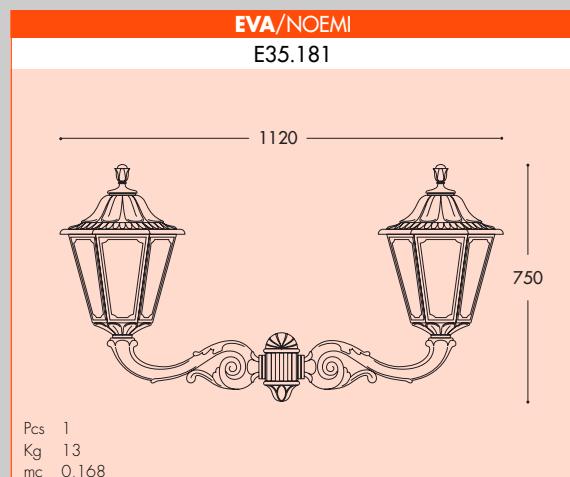
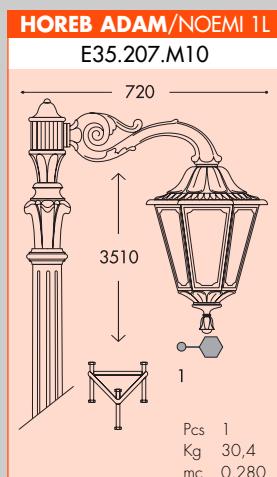


K35.207.M20



NEBO 2500      TABOR 3000      HOREB 3500





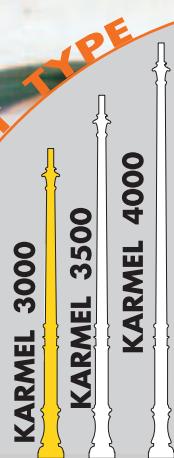
**NOEMI**



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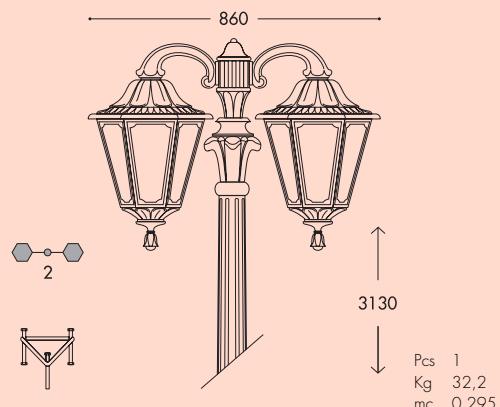


POST TYPE

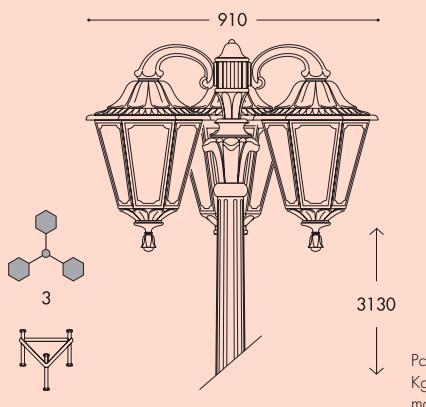


**KARMEL 3000 OFIR/NOEMI 2L**

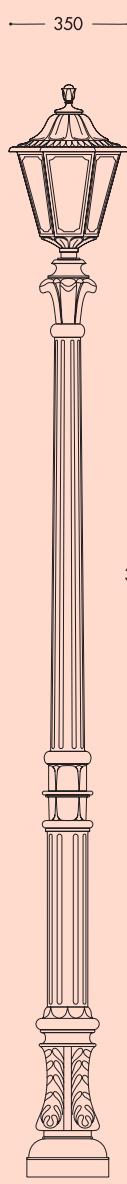
E35.231.R20


**KARMEL 3000 OFIR/NOEMI 3L**

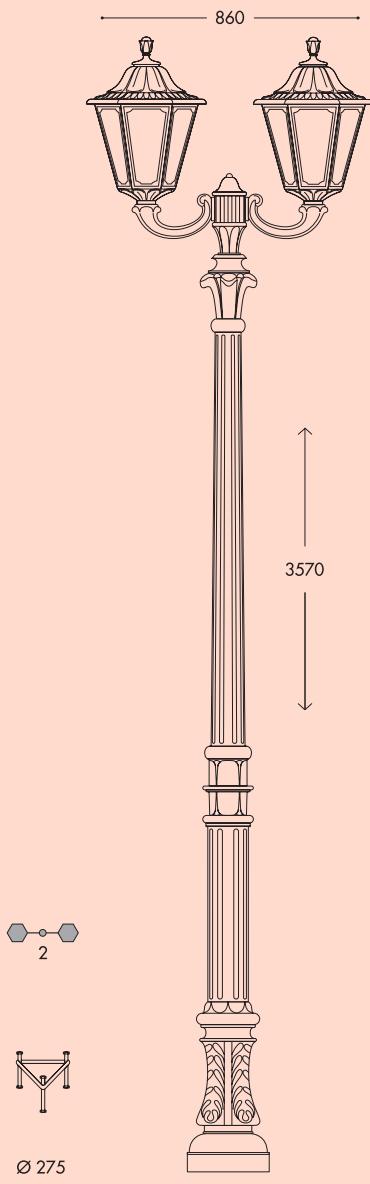
E35.231.R30


**KARMEL 3000/NOEMI**

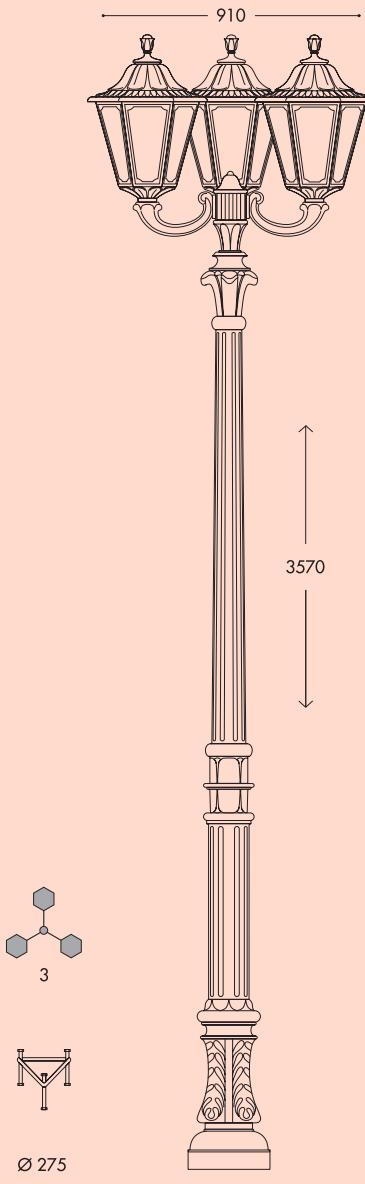
E35.231


**KARMEL 3000 OFIR/NOEMI 2L**

E35.231.R20


**KARMEL 3000 OFIR/NOEMI 3L**

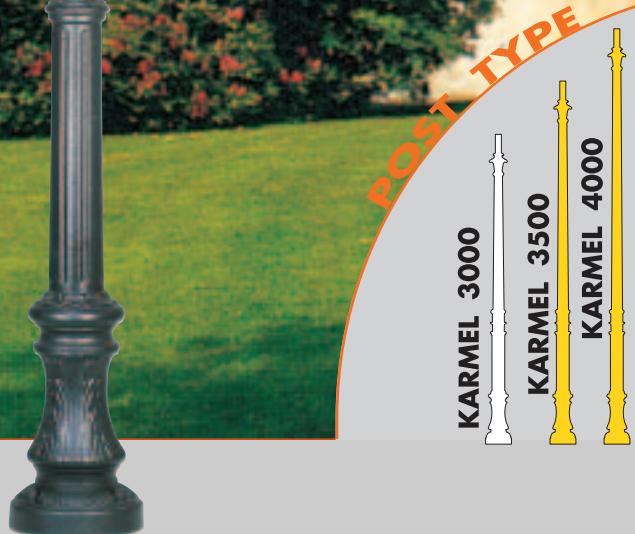
E35.231.R30



**NOEMI**



**fumagalli®**

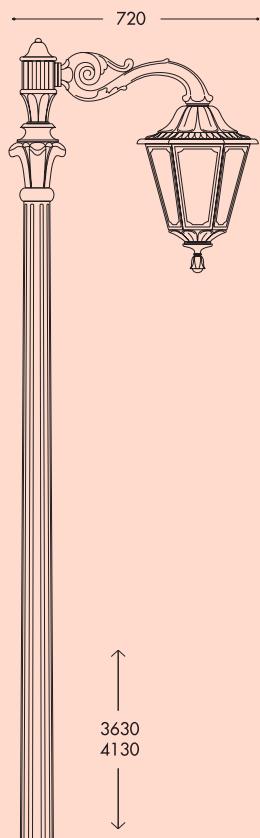


**KARMEL3500 ADAM/NOEMI 1L**

E35.234.M10

**KARMEL4000 ADAM/NOEMI 1L**

E35.237.M10



1

U33.234.M10  
Pcs 1  
Kg 30,4  
mc 0,280

U33.237.M10  
Pcs 1  
Kg 33,9  
mc 0,287

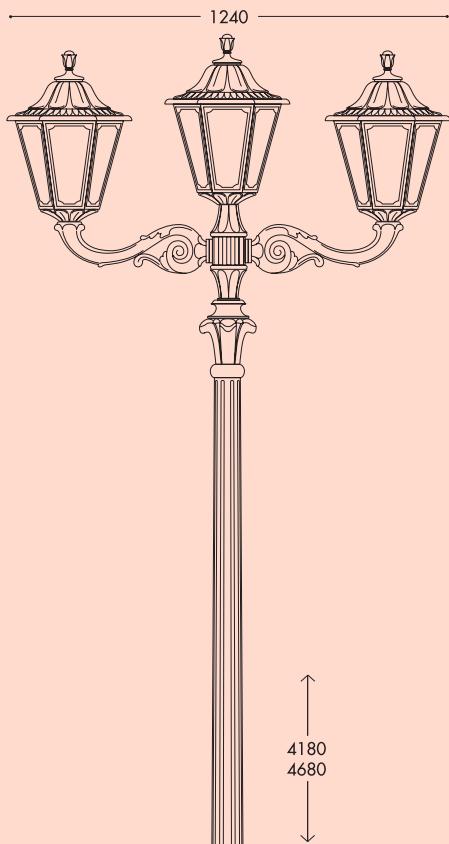
Ø 275

**KARMEL 3500 ADAM/NOEMI 2+1**

E35.234.M21

**KARMEL 4000 ADAM/NOEMI 2+1**

E35.237.M21



2+1

U33.234.M21  
Pcs 1  
Kg 38,8  
mc 0,404

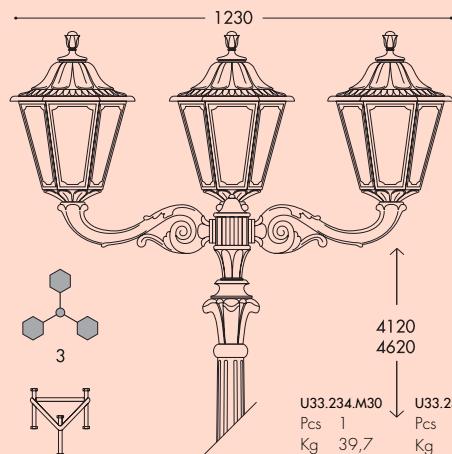
Ø 275

**KARMEL 3500 ADAM/NOEMI 3L**

E35.234.M30

**KARMEL 4000 ADAM/NOEMI 3L**

E35.237.M30


U33.234.M30  
Pcs 1  
Kg 39,7  
mc 0,414

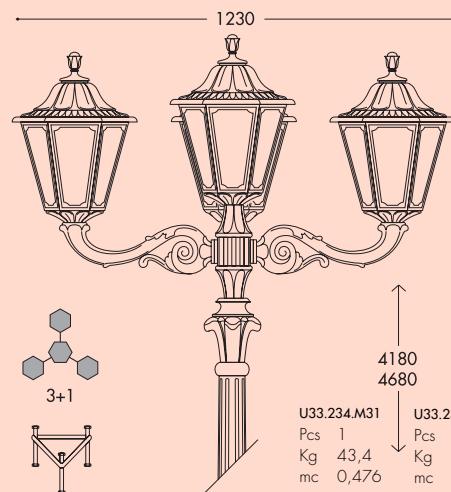
U33.237.M30  
Pcs 1  
Kg 43,2  
mc 0,441

**KARMEL 3500 ADAM /NOEMI 3+1**

E35.234.M31

**KARMEL 4000 ADAM /NOEMI 3+1**

E35.237.M31


U33.234.M31  
Pcs 1  
Kg 43,4  
mc 0,476

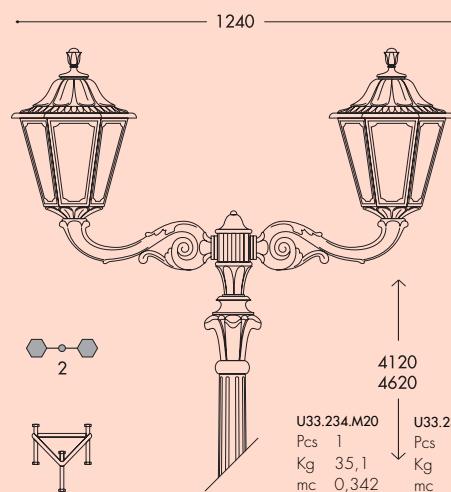
U33.237.M31  
Pcs 1  
Kg 46,9  
mc 0,503

**KARMEL 3500 ADAM/NOEMI 2L**

E35.234.M20

**KARMEL 4000 ADAM/NOEMI 2L**

E35.237.M20


U33.234.M20  
Pcs 1  
Kg 35,1  
mc 0,342

U33.237.M20  
Pcs 1  
Kg 38,7  
mc 0,369

**GLOBO DIAM.300/400 MM IN POLIMETILMETACRILATO (PMMA), COMPLETO DI BASE REALIZZATA IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE.**

**IDONEO PER IL MONTAGGIO A PALO, A SOSPENSIONE O A PARETE.**

300/400 MM PMMA GLOBE, COMPLETE WITH GLOBE BASE MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. SUITABLE FOR POST TOP, HANGING AND WALL INSTALLATION.

**GLOBE 300 G30.B30**



#### Dimensions and weight.

Height 310 mm, Ø 300 mm.

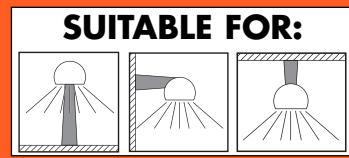
Weight: 0,8 Kg (excluding electrical components)

Area exposed to wind pressure  $CxS = 0,085 \text{ m}^2$

Junction to the support: diameter 60 mm

Insulation class: II

IP 55



**GLOBE 400 G40.B40**



#### Dimensions and weight.

Height 410 mm, Ø 400 mm.

Weight: 2,1 Kg (excluding electrical components)

Area exposed to wind pressure  $CxS = 0,122 \text{ m}^2$

Junction to the support: diameter 60 mm

Insulation class: II

IP 65 (electrical equipment seat)

## VERSIONS AVAILABLE

				REF.CODE
GLSMAX	60W	E27		
SL	25W	E27		
DU LUX EL	23W	E27		
PLC	23W	E27		
			G30.B30.000	

WITHOUT BALLAST	GLS MAX	100W E27	G40.B40.000
	SL	25W E27	
	CFL	23W E27	
WITH BALLAST	MBF	50W E27	G40.B40.M50
		80W E27	
	SON	50W E27	G40.B40.S50
		70W E27	G40.B40.S70
	HQI	70W E27	G40.B40.H70

white alluminium breaklight	H.FB1	H.FB6
chrome alluminium breaklight	H.FC1 (UPWARD)	H.FC6 (DOWNWARD)

The photometric data for all the versions are available upon request

## COLOURS



	<b>SON</b> SODIUM VAPOR		<b>MBF</b> MERCURY VAPOR
	<b>HQI</b> METAL HALIDE		



1.



2.



3.

4.

## G40.B40

**Globo diam. 400mm** in polimetilmetacrilato (PMMA) resistente all'ingiallimento ed ai raggi UV, realizzato in unico pezzo, disponibile in 3 varianti di colore: trasparente, bianco o fumè

**400 mm globe** in polymethylmethacrylate (PMMA), one piece only, UV stabilized, available in 3 different colour options: clear, opal or smoked

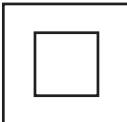
Possibilità di applicare alla base un **frangiluce** in alluminio pressofuso con sistema ottico lamellare a ripartizione simmetrica per orientare il fascio di luce e ridurre l'abbagliamento (opzionale). Disponibile in versione bianca o cromo.

An aluminium die cast **breaklight** with a laminar symmetrical optic system can be fixed on the diffuser base, to direct the lighting output and to get a lower dazzle (optional). Available in white or chrome version.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzato ai raggi UV, inattaccabile da ruggine e corrosione. Composta da un supporto e da un coperchio nella cui parte inferiore possono essere fissati gli accessori elettrici e nella cui parte superiore si trova l'alloggiamento per il portalampada. Una guarnizione in gomma garantisce la protezione dell'alloggiamento degli accessori elettrici dagli agenti esterni.

Luminaires **base**, made in shockproof resin material, UV rays stabilized, rust and corrosion-free, consisting of a support and of a cover suitable for electrical accessories fixation on its lower side and provided with lampholder seat on its upper side. A rubber gasket warranties the protection of the electrical accessories seat from external agents.

### CLASS II



DOUBLE  
INSULATION

### PROTECTION

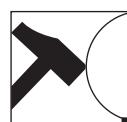


electrical equipment seat

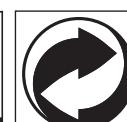
### RESIN MATERIAL



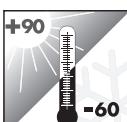
COLOURS  
IN PASTE



ANTI-SHOCK

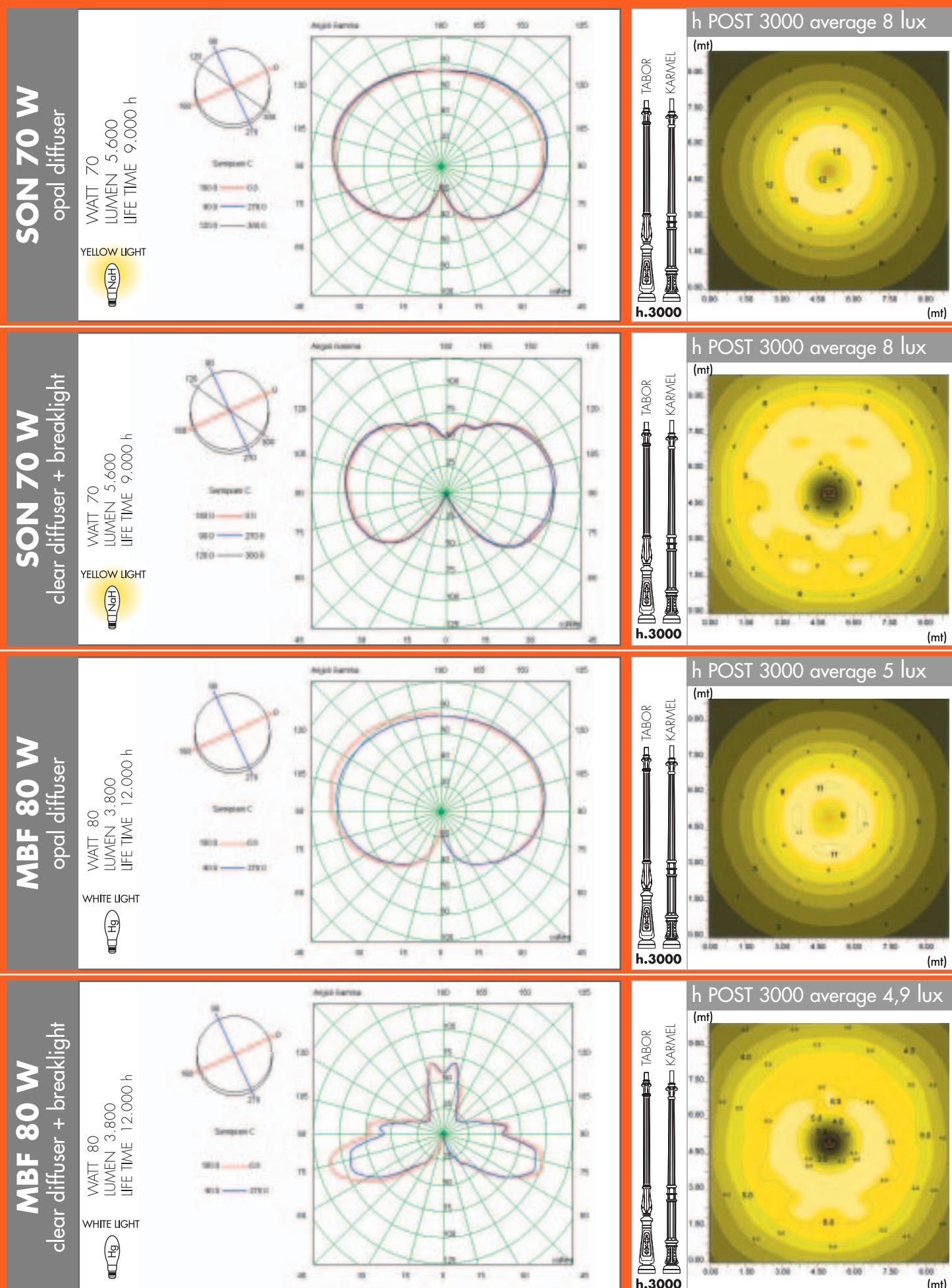


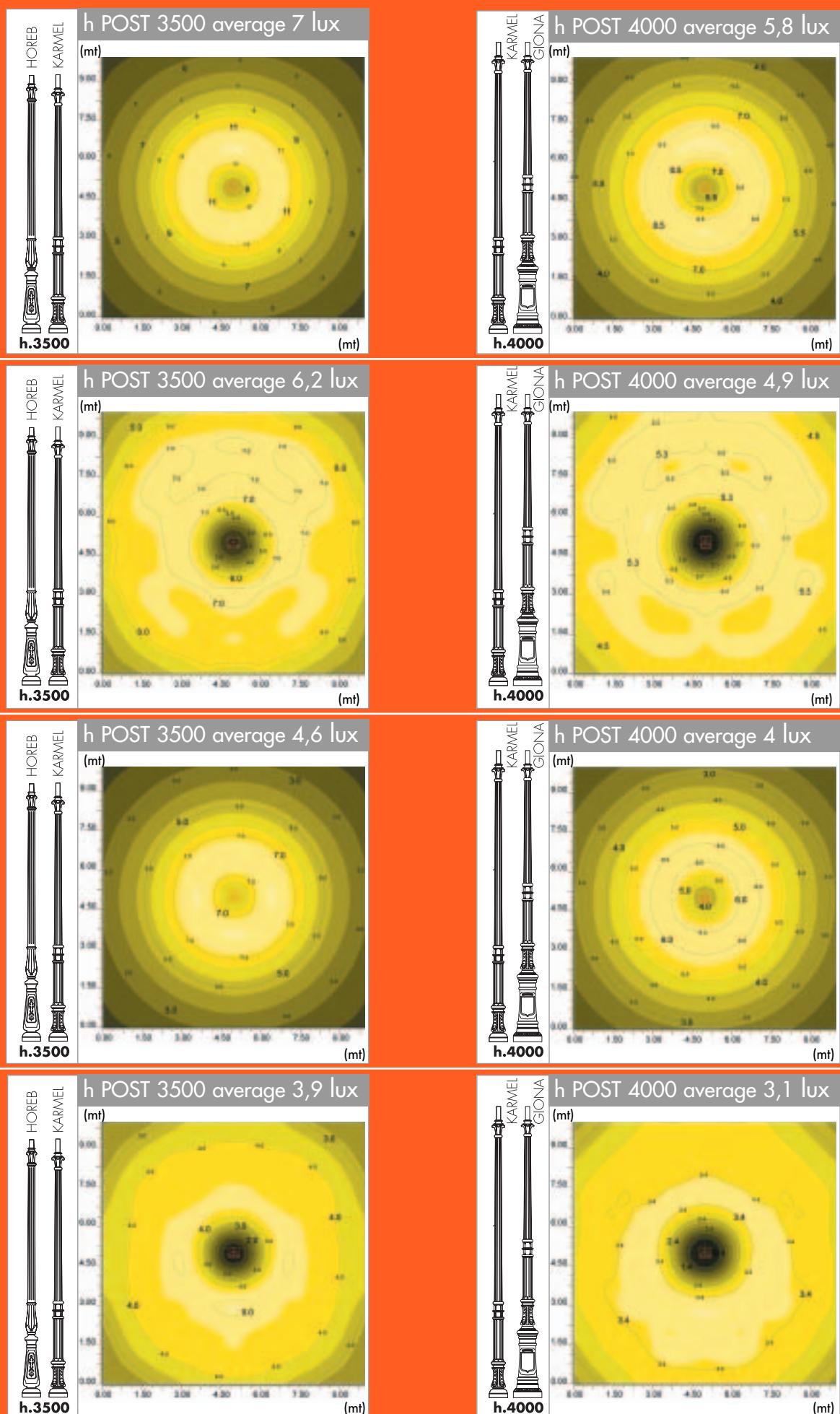
RECYCLABLE



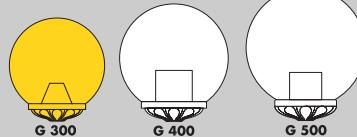
TEMPERATURE

# PHOTOMETRIC DIAGRAMS





# GLOBE 300



fumagalli®



G30.201.R20

POST TYPE



TABOR 3000



HOREB 3500



G30.201.R30



G30.201



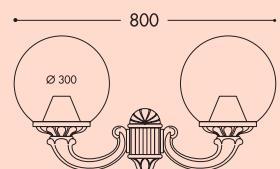
G30.132

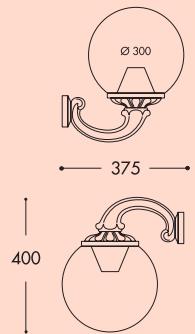


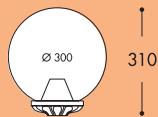
G30.111



G30.120

**MIRRA/G300**
**G30.142**

Pcs 1  
Kg 4,6  
mc 0,143

**OFIR/G300**
**G30.132**

Pcs 2  
Kg 2,5  
mc 0,59

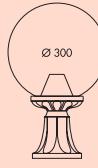
**GLOBE 300**
**G30.B30**

Pcs 2  
Kg 1,6  
mc 0,059

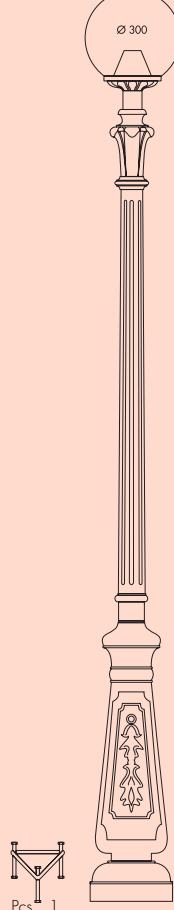
 

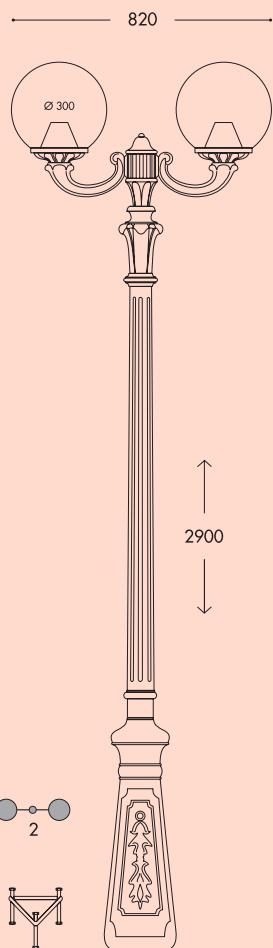
## Colours:

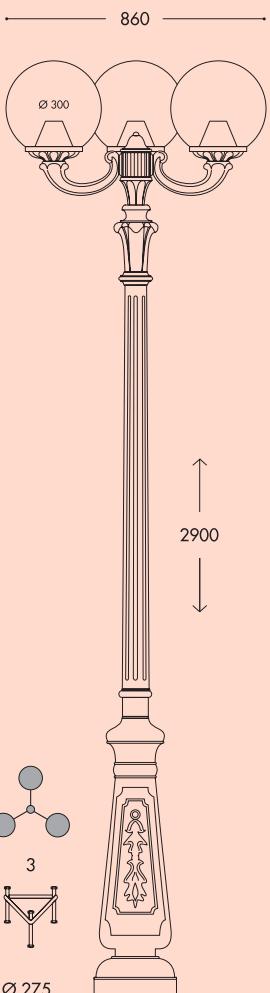
Moulded Black - White -Green  
Painted Antique Green  
Antique Bronze

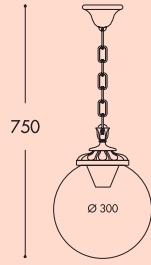
Diffuser: Transparent - Opal  
Smoked

**MINILOT/G300**
**G30.111**

Pcs 2  
Kg 2,5  
mc 0,59

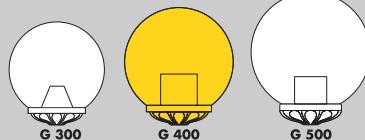
**NEBO/G300**
**G30.201**

Pcs 1  
Kg 19  
mc 0,163

**NEBO OFIR/G300 2L**
**G30.201.R20**

Pcs 1 2  
Kg 22,9  
mc 0,208

**NEBO OFIR/G300 3L**
**G30.201.R30**

Pcs 1 3  
Kg 24,4  
mc 0,237

**SICHEM/G300**
**G30.120**

Pcs 2  
Kg 2,5  
mc 0,59

# GLOBE 400



**fumagalli®**



G40.204.R20

POST TYPE

NEBO 2500

TABOR 3000

HOREB 3500



G40.204



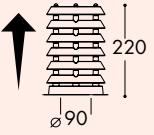
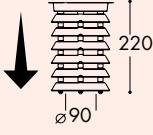
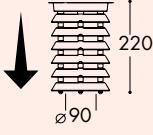
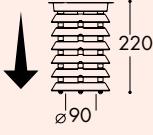
G40.121

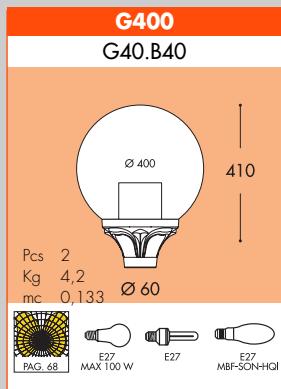
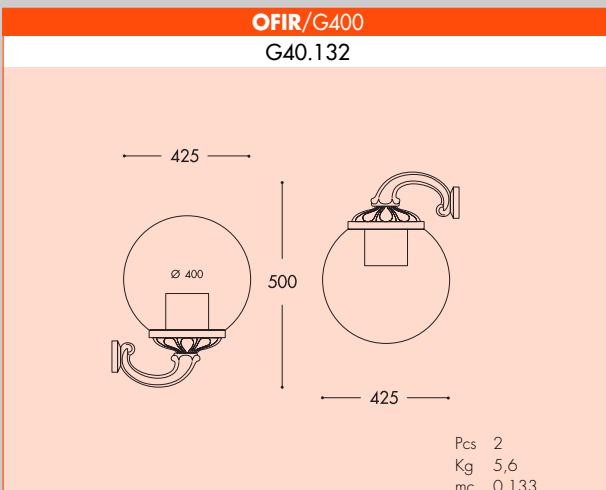


G40.132



G40.113

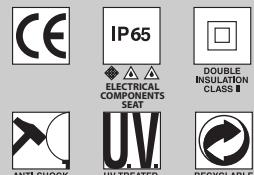
<b>ALUMINIUM BREAKLIGHT (optional)</b>	
<b>WHITE COLOUR</b>	
CODE: H.FB1	
<b>CHROME</b>	
CODE: H.FC1	
<b>WHITE COLOUR</b>	
CODE: H.FB6	
<b>CHROME</b>	
CODE: H.FC6	



Colours:  
 Molded Black - White - Green  
 Painted Antique Green  
 Antique Bronze

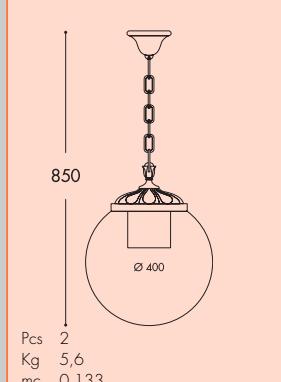
Diffuser: Transparent - Opal  
 Smoked

WITHOUT BALLAST	GLS MAX 100W	E27
	SL 25W	E27
	CFL 23W	E27
	MBF 50W	E27
	80W	E27
WITH BALLAST	SON 50W	E27
	70W	E27
	HQI 70W	E27



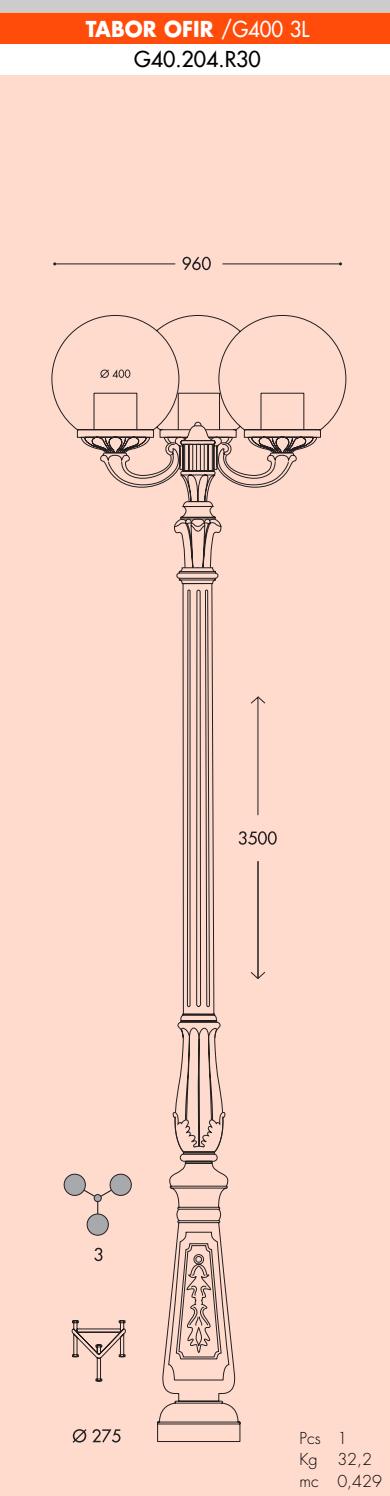
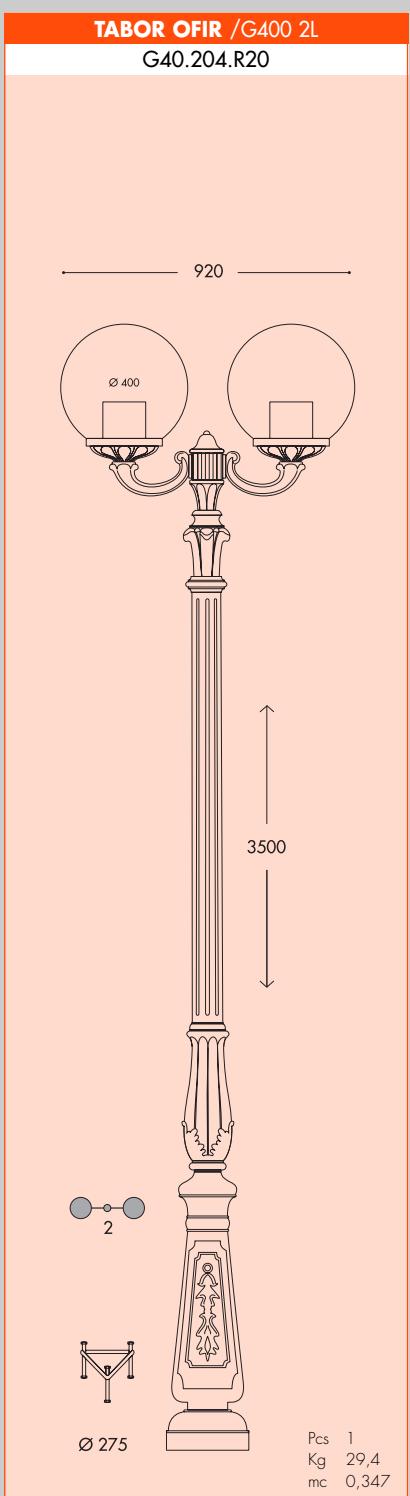
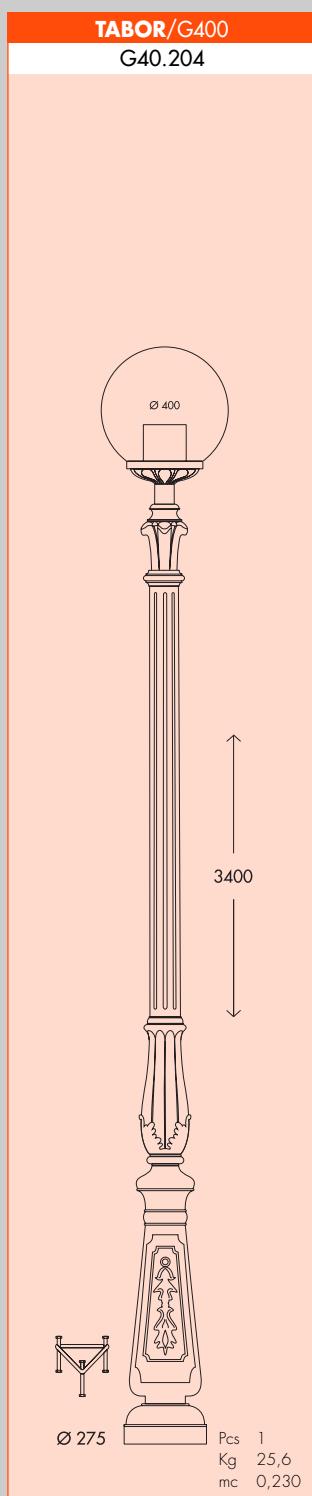
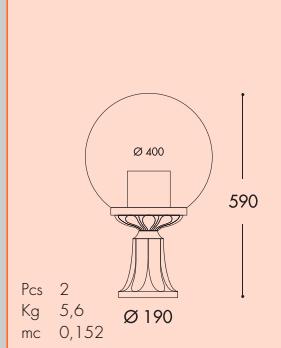
#### SICHEM/G400

G40.121

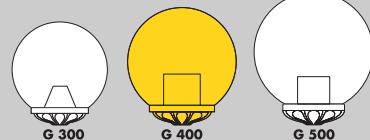


#### LOT/G400

G40.113



# GLOBE 400



**fumagalli®**



*POST TYPE*

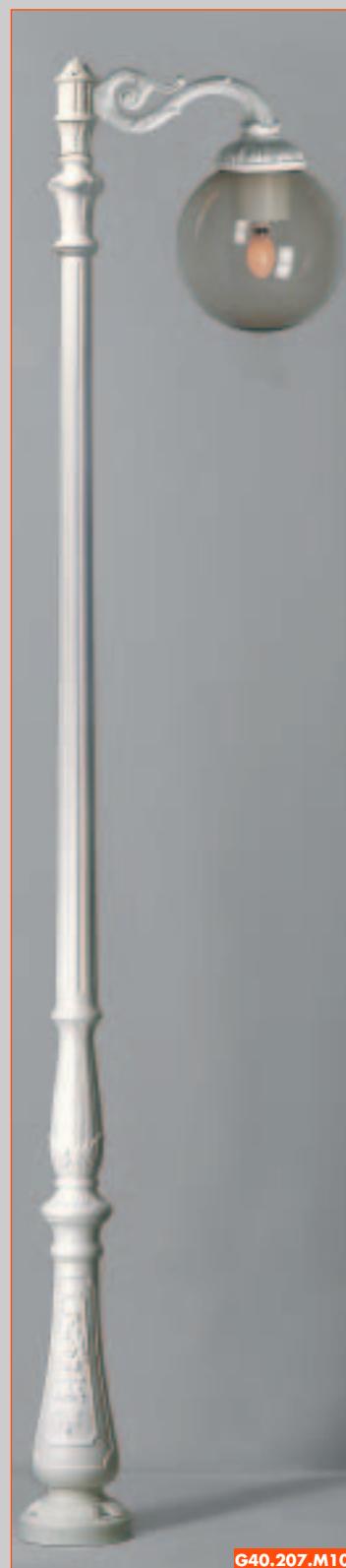
NEBO 2500

TABOR 3000

HOREB 3500



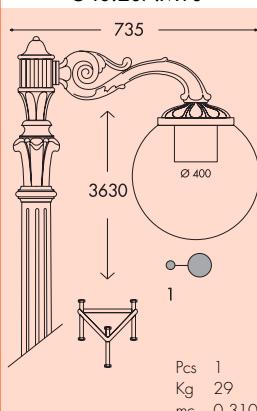
G40.171



G40.207.M10

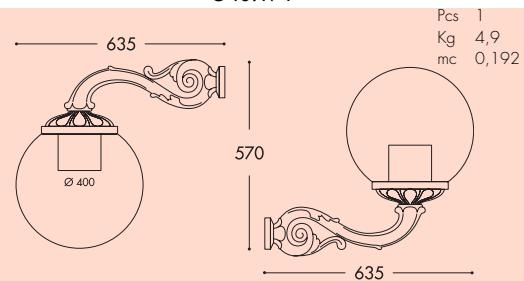
**HOREB ADAM/G400 1L**

G40.207.M10


Pcs 1  
Kg 29  
mc 0,310

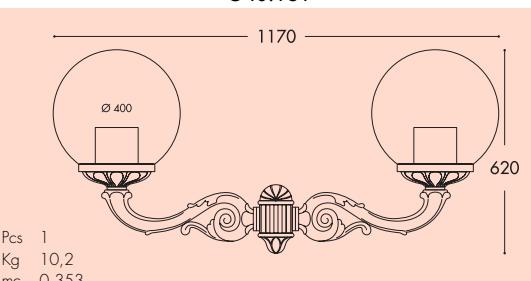
**ADAM/G400**

G40.171


Pcs 1  
Kg 4,9  
mc 0,192

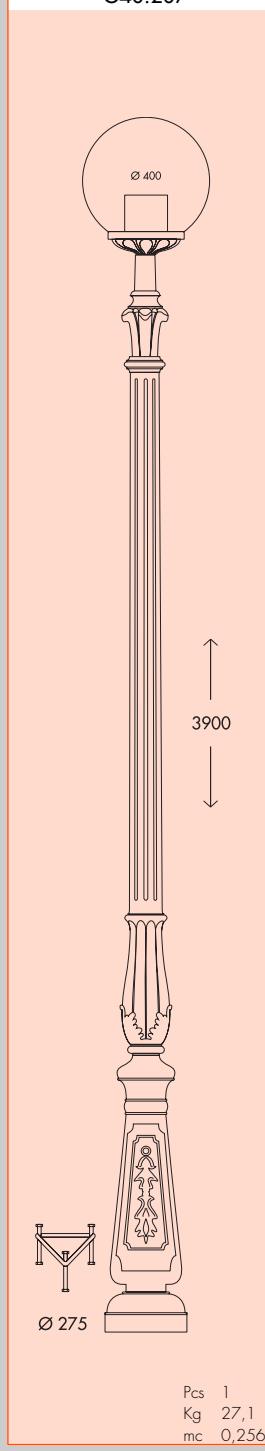
**EVA/G400**

G40.181


Pcs 1  
Kg 10,2  
mc 0,353

**HOREB/G400**

G40.207



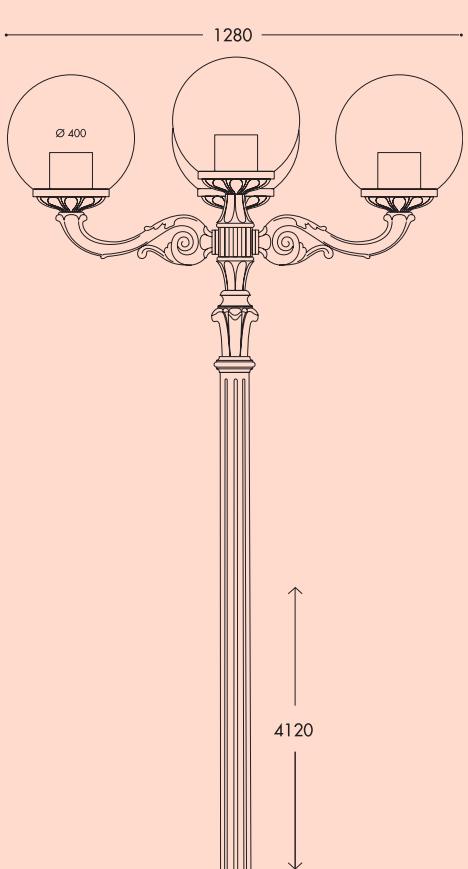
3900

Ø 275

Pcs 1  
Kg 27,1  
mc 0,256

**HOREB ADAM/G400 3+1**

G40.207.M31



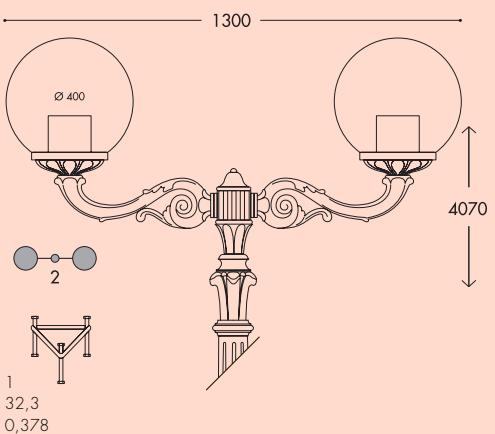
4120

3+1

Ø 275

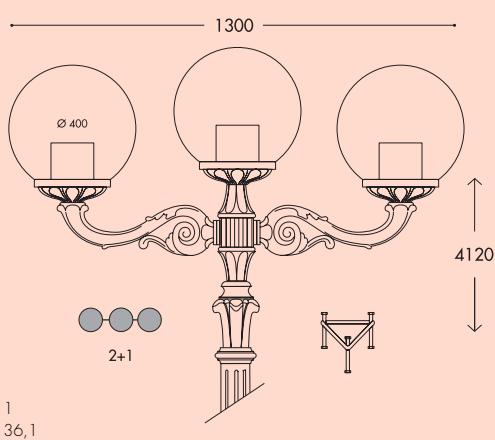
**HOREB ADAM/G400 2L**

G40.207.M20


Pcs 1  
Kg 32,3  
mc 0,378

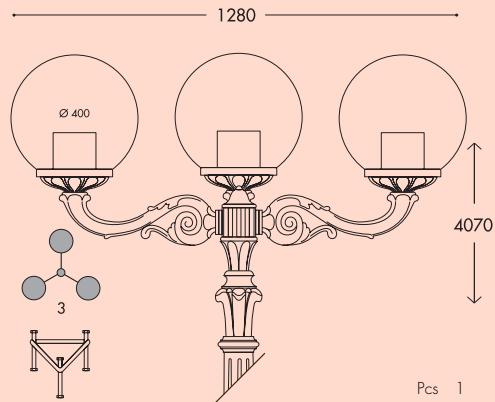
**HOREB ADAM/G400 2+1**

G40.207.M21


Pcs 1  
Kg 36,1  
mc 0,447

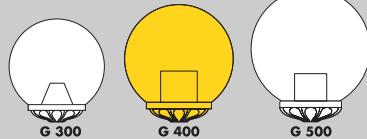
**HOREB ADAM/G400 3L**

G40.207.M30


Pcs 1  
Kg 40  
mc 0,545

Pcs 1  
Kg 37,2  
mc 0,477

# GLOBE 400

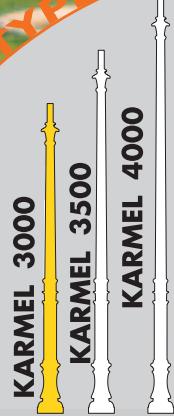


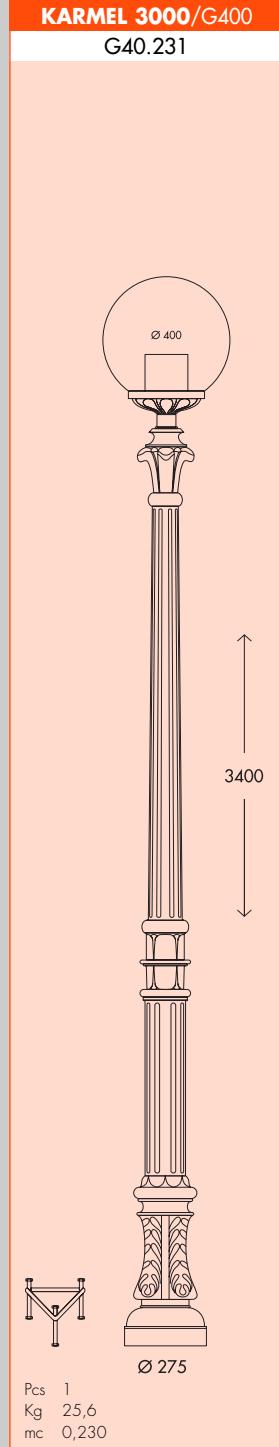
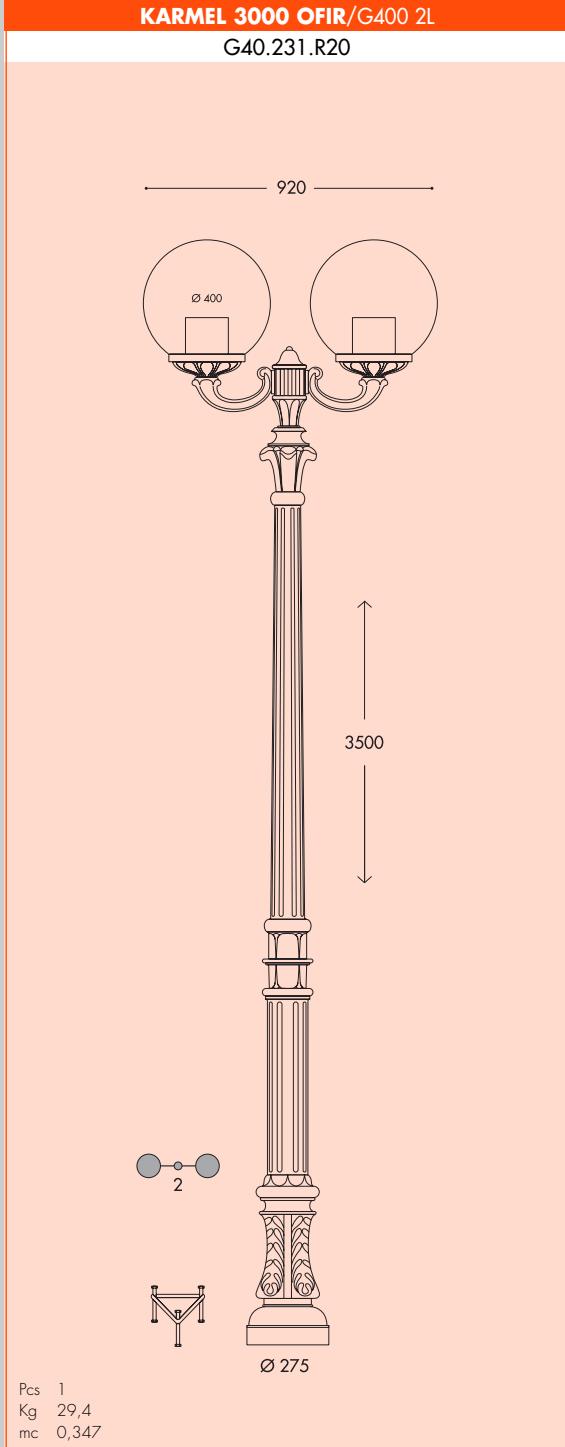
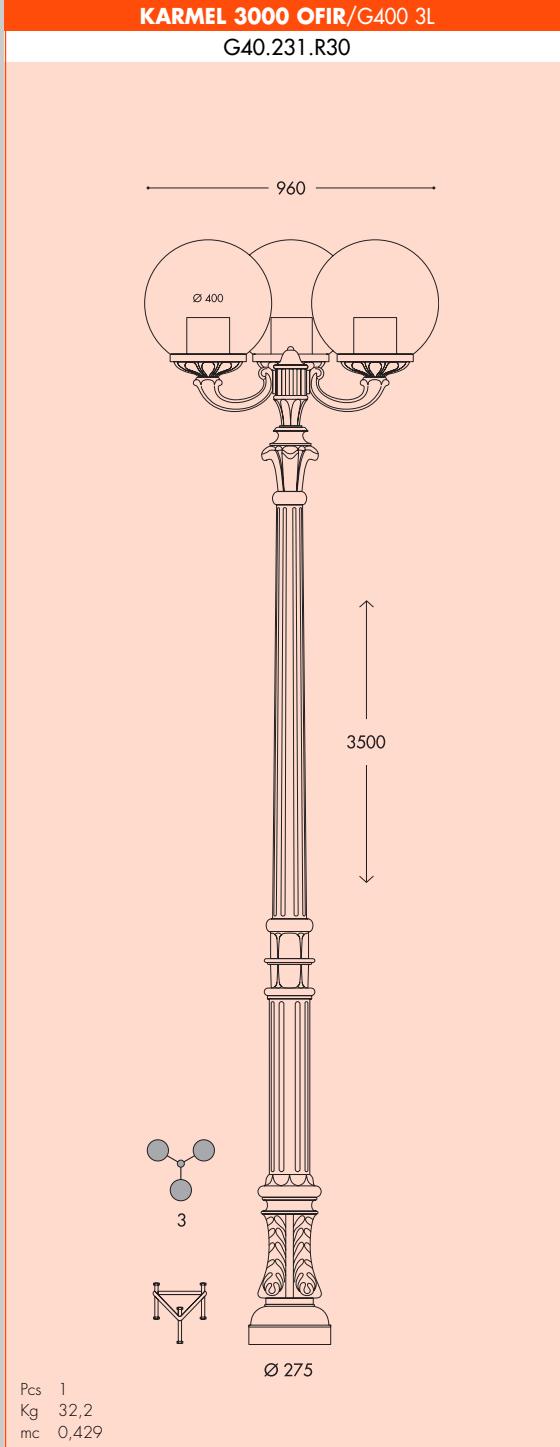
fumagalli®



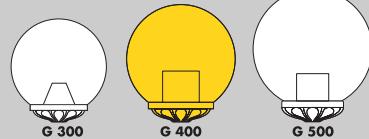
G40.231.R20

POST TYPE



<b>KARMEL 3000/G400</b> G40.231	<b>KARMEL 3000 OFIR/G400 2L</b> G40.231.R20	<b>KARMEL 3000 OFIR/G400 3L</b> G40.231.R30
 <p>Height: 3400 Base diameter: Ø 275 Pcs 1 Kg 25,6 mc 0,230</p>	 <p>Width: 920 Height: 3500 Base diameter: Ø 275 Pcs 1 Kg 29,4 mc 0,347</p>	 <p>Width: 960 Height: 3500 Base diameter: Ø 275 Pcs 1 Kg 32,2 mc 0,429</p>

# GLOBE 400



**fumagalli®**



POST TYPE

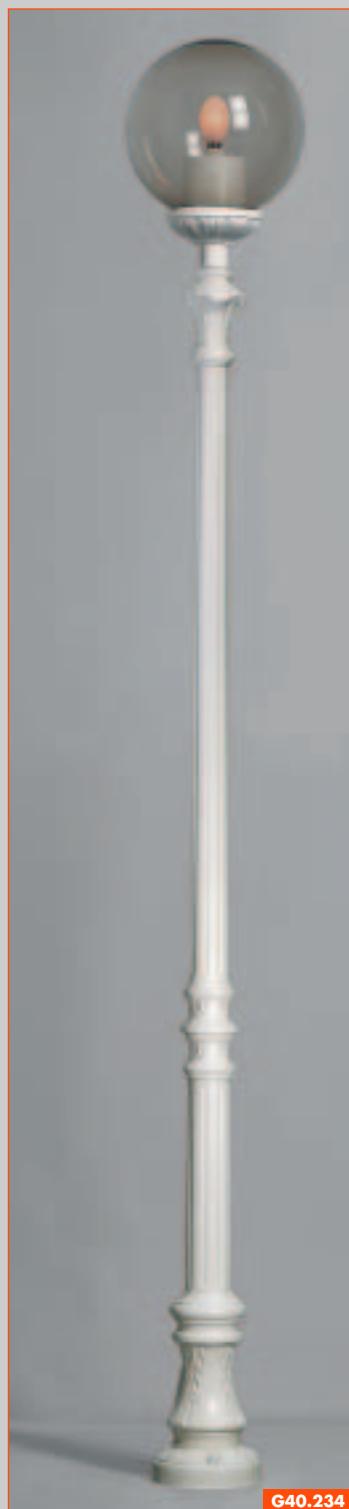
KARMEL 3000

KARMEL 3500

KARMEL 4000



G40.171



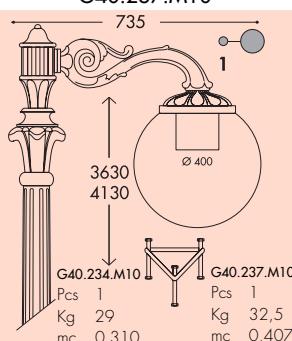
G40.234

**KARMEL 3500 ADAM/G400 1L**

G40.234.M10

**KARMEL 4000 ADAM/G400 1L**

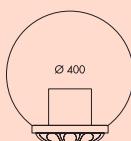
G40.237.M10


**KARMEL 3500/G400**

G40.234

**KARMEL 4000/G400**

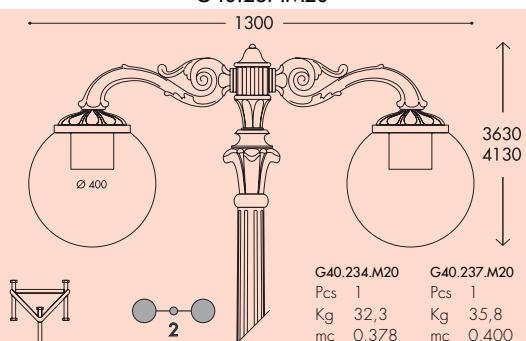
G40.237


**KARMEL 3500 ADAM/G400 2L**

G40.234.M20

**KARMEL 4000 ADAM/G400 2L**

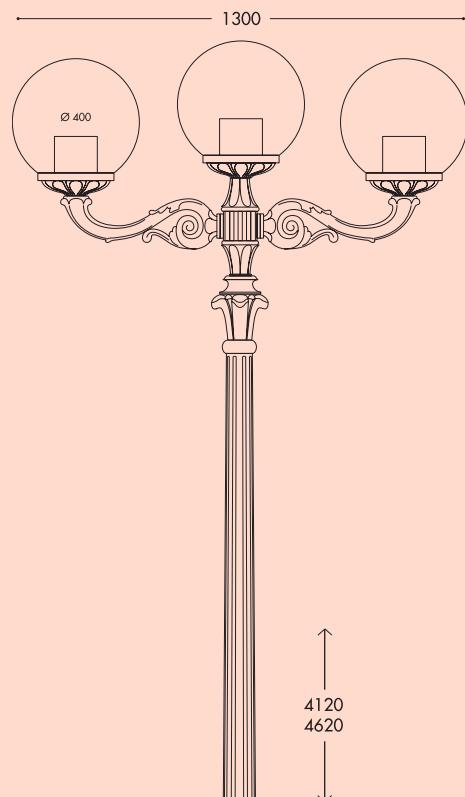
G40.237.M20


**KARMEL 3500 ADAM/G400 2+1**

G40.234.M21

**KARMEL 4000 ADAM/G400 2+1**

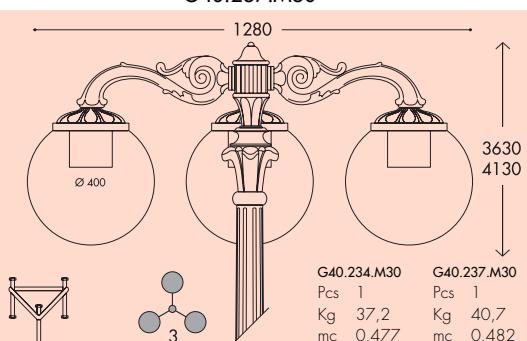
G40.237.M21


**KARMEL 3500 ADAM/G400 3L**

G40.234.M30

**KARMEL 4000 ADAM/G400 3L**

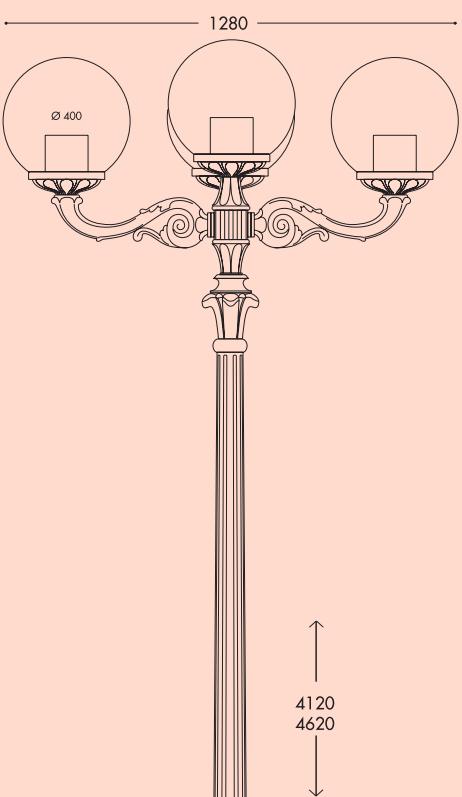
G40.237.M30


**KARMEL 3500 ADAM /G400 3+1**

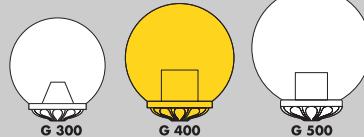
G40.234.M31

**KARMEL 4000 ADAM /G400 3+1**

G40.237.M31



# GLOBE 400



**fumagalli®**



G40.221.M21

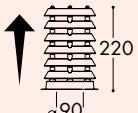
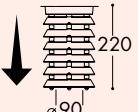
*POST TYPE*

GIONA 4000

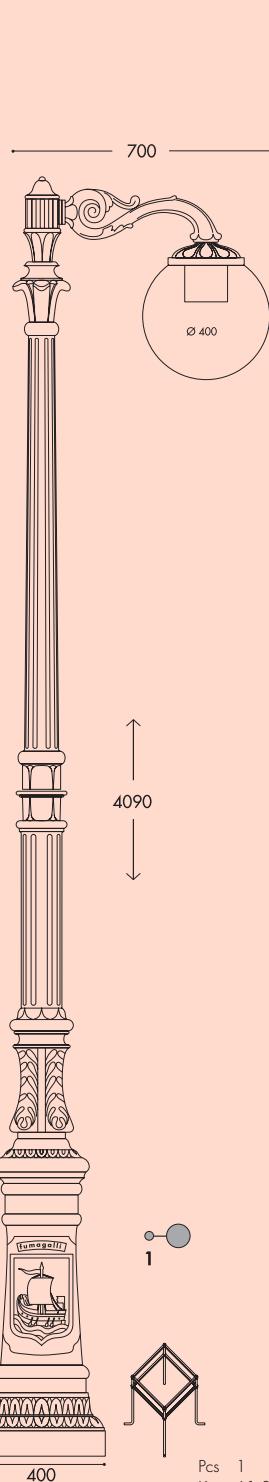
GIONA 4500

GIONA 5000

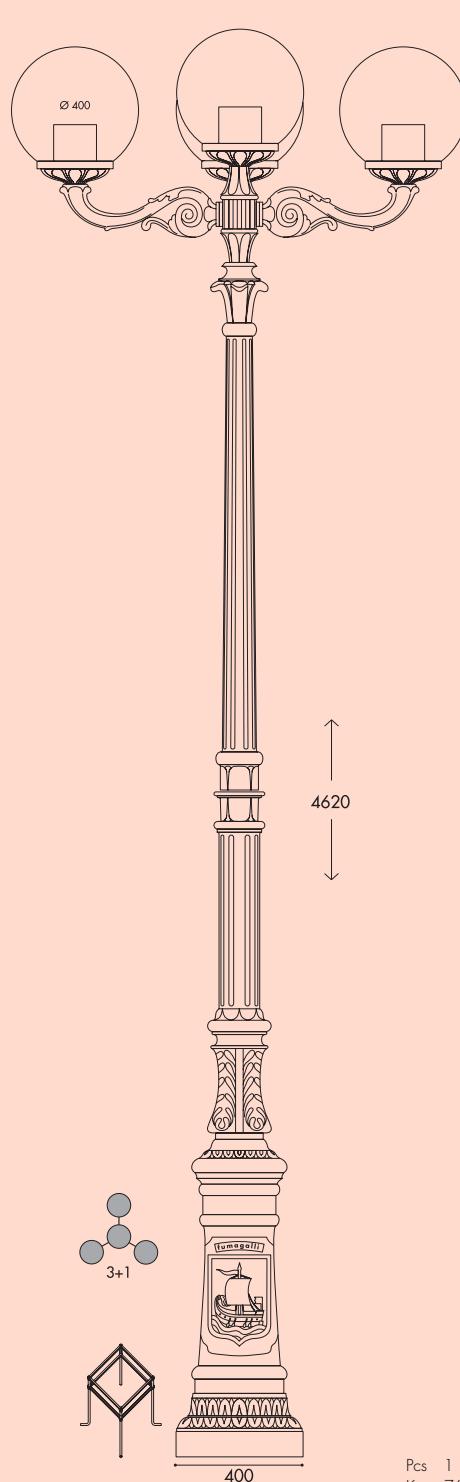
**ALUMINIUM BREAKLIGHT  
(optional)**

<b>WHITE COLOUR</b> CODE: H.FB1	
<b>CHROME</b> CODE: H.FC1	
	<b>WHITE COLOUR</b> CODE: H.FB6
	<b>CHROME</b> CODE: H.FC6

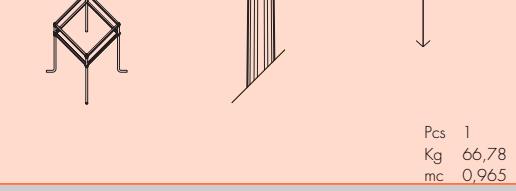
**GIONA 4000 ADAM/G400 1L**  
G40.221.M10



**GIONA 4000 ADAM/G400 3+1**  
G40.221.M31

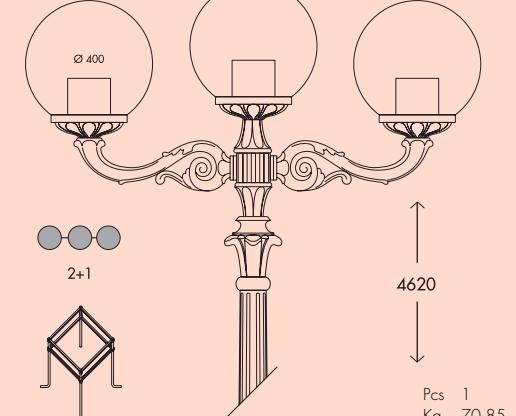


**GIONA 4000 ADAM/G400 2L**  
G40.221.M20



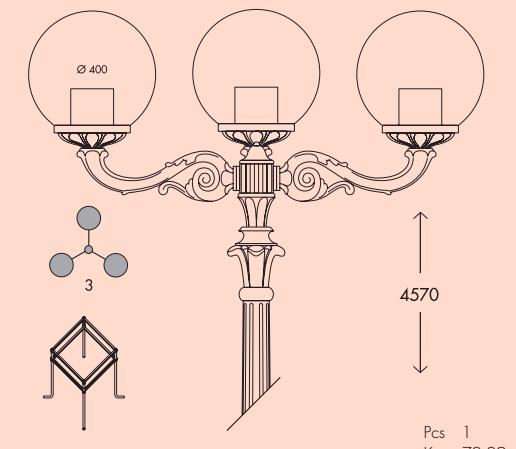
Pcs 1  
Kg 66,78  
mc 0,965

**GIONA 4000 ADAM/G400 2+1**  
G40.221.M21



Pcs 1  
Kg 70,85  
mc 1,034

**GIONA 4000 ADAM/G400 3L**  
G40.221.M30



Pcs 1  
Kg 72,29  
mc 1,064

1  
3+1  
3  
400  
Pcs 1  
Kg 61,31  
mc 0,897

400  
Pcs 1  
Kg 76,29  
mc 1,32

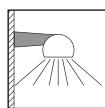
**MEZZE LANTERNE CON DISEGNO CLASSICO, IDONEE PER IL MONTAGGIO A PARETE, REALIZZATE IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE E DISPONIBILI IN 2 GRANDEZZE.**

HALF LANTERNS IN CLASSIC STYLE MADE BY SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE, AVAILABLE IN 2 DIFFERENT SIZES.

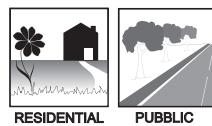
**DARIA M28.000**



**SUITABLE FOR:**



**INSTALLATION:**



RESIDENTIAL AREA

PUBLIC AREA

Pcs 1  
Kg 2,5  
mc 0,056

**IESSE M22.000**



Pcs 16  
Kg 18  
mc 0,225

**Dimensions and weight.**

Height 515 mm, width 286 mm, depth 143 mm.  
Weight: 2,3 Kg

Insulation class: II

Protection rating: IP55

Moulded colours in paste, no maintenance or painting required.

Modular construction for simplified replacement of spare parts Ceramic lampholder.

**VERSIONS AVAILABLE**

**REF.CODE**

WITHOUT BALLAST	GLS MAX	100W E27	M28.000.000
	SL	25W E27	
	CFL	23W E27	
WITH BALLAST	MBF	50W E27	M28.000.M50
		80W E27	M28.000.M80
	SON	50W E27	M28.000.S50
		70W E27	M28.000.S70
	HQI	70W E27	M28.000.H70

	E27 MAX 60 W		E27 MAX 160 mm
GLSMAX	60W	E27	<b>REF.CODE</b>
SL	25W	E27	M22.000.000
CFL	23W	E27	

The photometric data for all the versions are available upon request

**COLOURS**

MOULDED



White



Black



Green

PAINTED



Antique Green

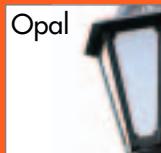


Antique Bronze

PMMA  
DIFFUSERS



Clear



Opal



**Base a muro** realizzata in policarbonato (PC) bianco ad alta resistenza al calore, con supporto per il fissaggio del portalampada.

**High temperature** resistant wall plate made in white polycarbonate (PC), with support for lampholder fixation.

**Diffusore** in polimetilmacrilato (PMMA) resistente all'ingiallimento ed ai raggi UV, disponibile in colore trasparente o opale, realizzato in unico pezzo.

**Luminaire diffuser** of UV stabilized PMMA, one piece only, available in clear or opal colour

**Gabbia** in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione, realizzato in unico pezzo.

**Cage** in one piece only made by shockproof resin material, UV rays stabilized, rust and corrosion-free.

# DARIA M28.000



**Base a muro** realizzata in policarbonato (PC) bianco ad alta resistenza al calore, con supporto per il fissaggio degli ausiliari elettrici e del portalampada.

**High temperature resistant** white polycarbonate wall plate with suppot for ballast and lampholder fixation.

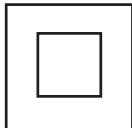
**Diffusore** in polimetilmacrilato (PMMA) resistente all'ingiallimento ed ai raggi UV, disponibile in colore trasparente o opale, realizzato in unico pezzo.

**Luminaire diffuser** of UV stabilized PMMA, one piece only, available in clear or opal colour

**Gabbia** in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione, realizzato in unico pezzo.

**Cage** in one piece only made by shockproof resin material, UV rays stabilized, rust and corrosion-free.

## CLASS II



DOUBLE  
INSULATION

## PROTECTION



IP55  
※△△

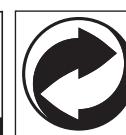
## RESIN MATERIAL



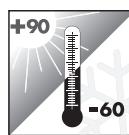
U.V.  
COLOURS  
IN PASTE



ANTI-SHOCK

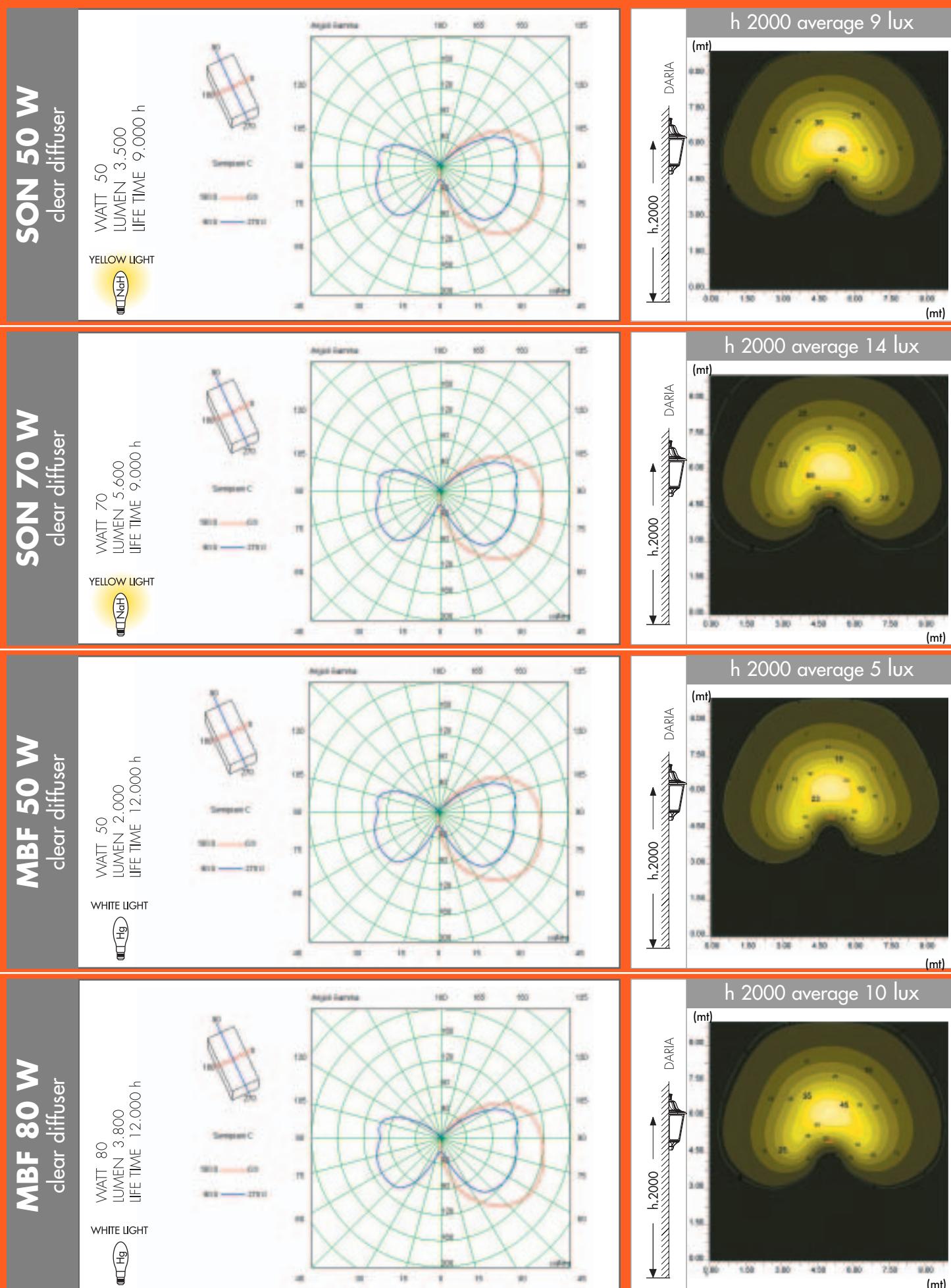


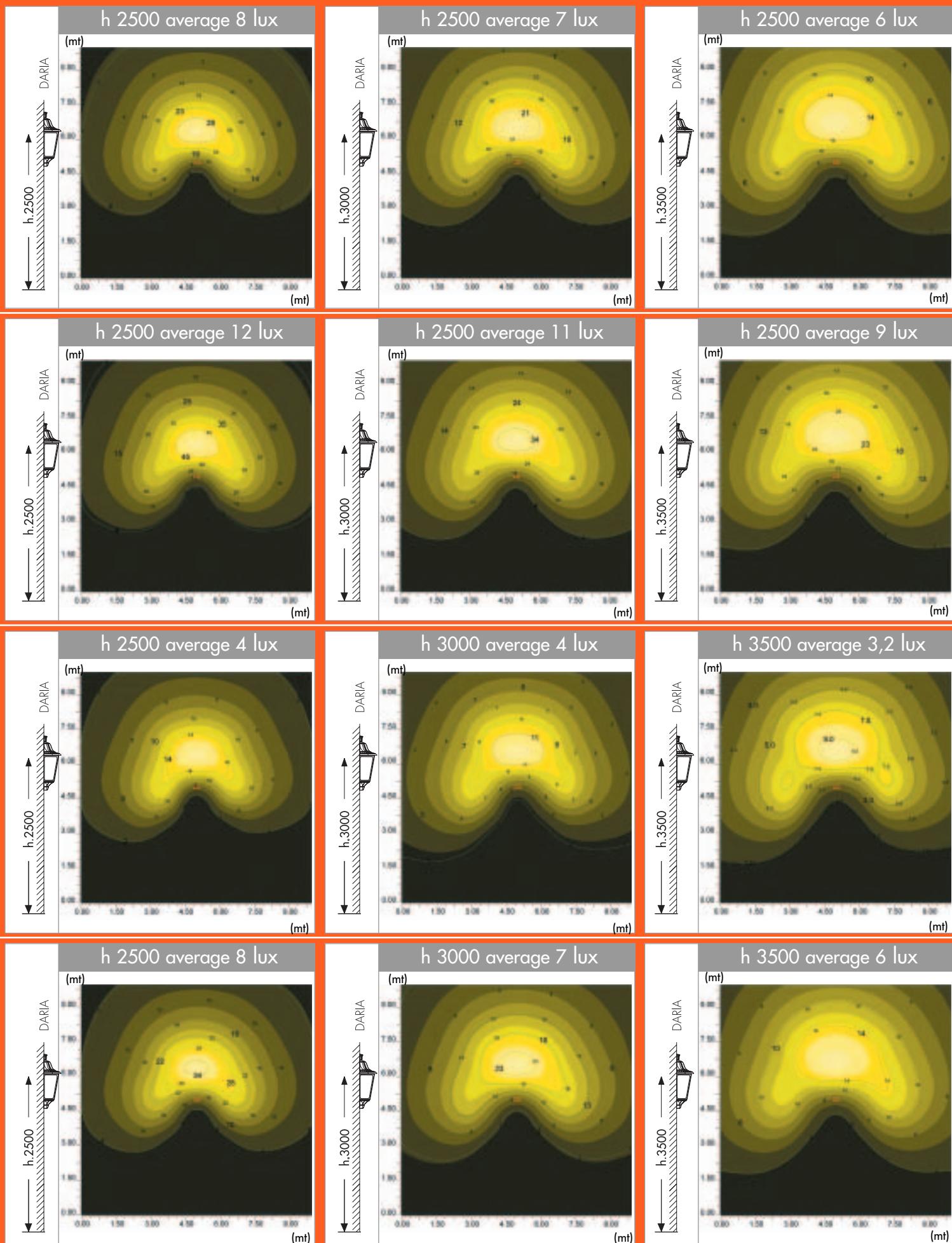
RECYCLABLE



+90  
-60  
TEMPERATURE

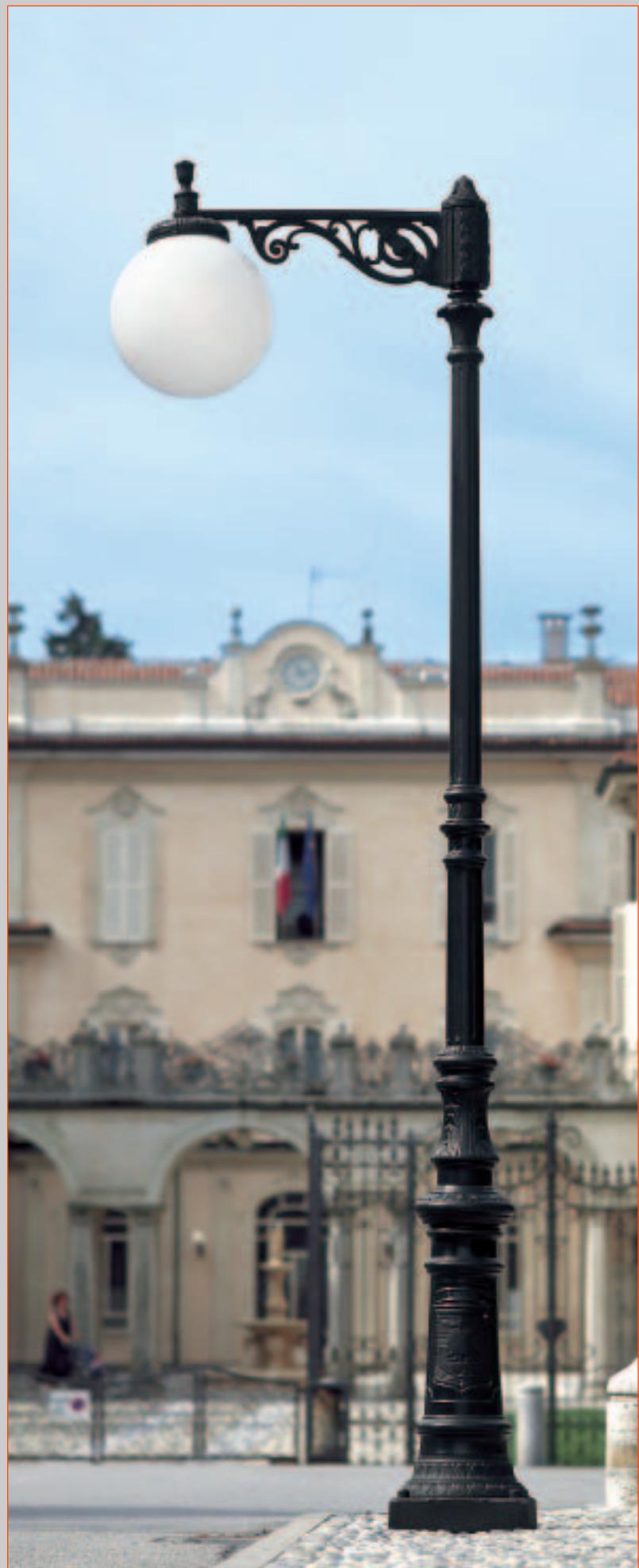
# PHOTOMETRIC DIAGRAMS





# Grand Size



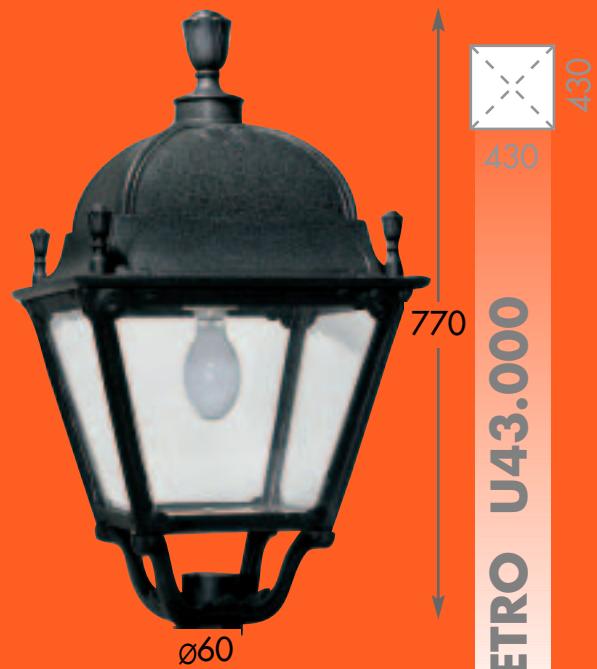
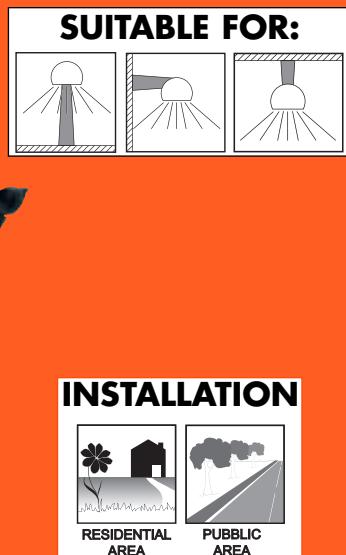


**LANTERNA QUADRATA CLASSICA REALIZZATA IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE. DISPONIBILE IN DUE VARIANTI DECORATIVE, IDONEA PER IL MONTAGGIO A PALO, A SOSPENSIONE O A PARETE.**

CLASSIC SQUARE LANTERNS MADE BY SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULAR CONSTRUCTION IN TWO DESIGN OPTION SUITABLE FOR POST TOP, HANGING AND WALL INSTALLATION.



**ELIA Q43.000**



**PIETRO U43.000**

#### Dimensions and weight.

Height 740 mm, width 430 mm, depth 430 mm.  
Weight: 7,5 Kg (excluding electrical components)  
Area exposed to wind pressure CxS = 0,165m<sup>2</sup>

#### Dimensions and weight.

Height 770 mm, width 430 mm, depth 430 mm.  
Weight: 7,5 Kg (excluding electrical components)  
Area exposed to wind pressure CxS = 0,182 m<sup>2</sup>

### VERSIONS AVAILABLE

REF.CODE			
CLOSED DIFFUSER IP 55	GLS MAX 100 W E27		WITHOUT BALLAST
	SL 25 W E27	Q43.000.000	
	CFL 23 W E27		
	MBF 50 W E27	Q43.000.M50	
	80 W E27	Q43.000.M80	
	125 W E27	Q43.000.M12	
	SON 50 W E27	Q43.000.S50	
	70 W E27	Q43.000.S70	
	100 W E40	Q43.000.S10	
	HQII 70 W E27	Q43.000.H70	
OPEN DIFFUSER	100 W E40	Q43.000.H10	
	MBF 250 W E40	Q43.000.M25	WITH BALLAST
	400 W E40	Q43.000.M40	
	SON 150W E40	Q43.000.S15	
	250 W E40	Q43.000.S25	
	400 W E40	Q43.000.S40	
	HQI 150W E40	Q43.000.H15	
	250 W E40	Q43.000.H25	
	400 W E40	Q43.000.H40	
	white alluminium breaklight		
		H.FB6	
		H.FC6	



The photometric data for all the versions are available upon request

REF.CODE			
CLOSED DIFFUSER IP 55	GLS MAX 100 W E27		WITHOUT BALLAST
	SL 25 W E27	U43.000.000	
	CFL 23 W E27		
	MBF 50 W E27	U43.000.M50	
	80 W E27	U43.000.M80	
	125 W E27	U43.000.M12	
	SON 50 W E27	U43.000.S50	
	70 W E27	U43.000.S70	
	100 W E40	U43.000.S10	
	HQII 70 W E27	U43.000.H70	
OPEN DIFFUSER	100 W E40	U43.000.H10	
	MBF 250 W E40	U43.000.M25	WITH BALLAST
	400 W E40	U43.000.M40	
	SON 150W E40	U43.000.S15	
	250 W E40	U43.000.S25	
	400 W E40	U43.000.S40	
	HQI 150W E40	U43.000.H15	
	250 W E40	U43.000.H25	
	400 W E40	U43.000.H40	
	white alluminium breaklight		
		H.FB6	
		H.FC6	

### COLOURS

MOULDED



White



Black



Green

PAINTED



Antique Green



Antique Bronze

PMMA  
DIFFUSERS



Clear



Opal



1.

2.

3.

4.

5.

6.

**Pinnacolo decorativo** applicabile alla sommità della calotta (montaggio a palo) o sulla gabbia (montaggio a sospensione).

**Decorative pinnacle** to be mounted on the roof top for post top installation or on the lantern base for hanging installation.

**Tetto** in un unico pezzo, removibile senza l'ausilio di attrezzi per manutenzione e cambio lampadina. Realizzato in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

**Lantern roof**, one piece only, tool-free opening for relamping and access to controlgear. Made by shock-proof resin material, UV rays stabilized, rust and corrosion-free.

**Soffitto** realizzato in policarbonato (PC) bianco ad alta resistenza al calore, nella cui parte superiore possono essere fissati gli ausiliari elettrici e nella cui parte inferiore si trova l'alloggiamento del portalamppada.

**High temperature resistant ceiling** made in white polycarbonate (PC), suitable for ballast fixation on its upper side and provided with lampholder seat on its lower side.

**Diffusore in polimetilmetacrilato** (PMMA) resistente all'ingiallimento ed ai raggi UV, disponibile in colore trasparente o opale, realizzato in unico pezzo, provvisto di sede per alloggiamento del cavo elettrico di alimentazione. Per la versione MBF 250W o superiore e SON 150W o superiore il diffusore è aperto alla base per un corretto smaltimento del calore nel vano ottico.

**Luminaire diffuser** of UV stabilized PMMA, one piece only, with recess for a power supply cable, available in clear or opal colour. For the version MBF 250W or higher and SON 150W or higher the enclosure is open at the bottom, enabling a correct disposal of temperature inside the diffuser.

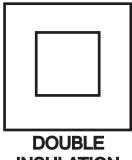
**Gabbia**, realizzata in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

**Cage**, made by shockproof resin material, UV rays stabilized, rust and corrosion-free.

Possibilità di applicare al soffitto un **frangiluce** in alluminio pressofuso con sistema ottico lamellare a ripartizione simmetrica per orientare il fascio di luce e ridurre l'abbagliamento (opzionale). Disponibile in versione bianca o cromo

An aluminium die cast louvre (**breaklight**) with a laminar symmetrical optic system can be fixed on the ceiling plate, to direct the lighting output and to get a lower dazzle (optional). Available in white or chrome.

#### CLASS II



DOUBLE  
INSULATION

#### PROTECTION



CLOSED  
DIFFUSER

#### RESIN MATERIAL



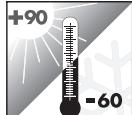
COLOURS  
IN PASTE



ANTI-SHOCK

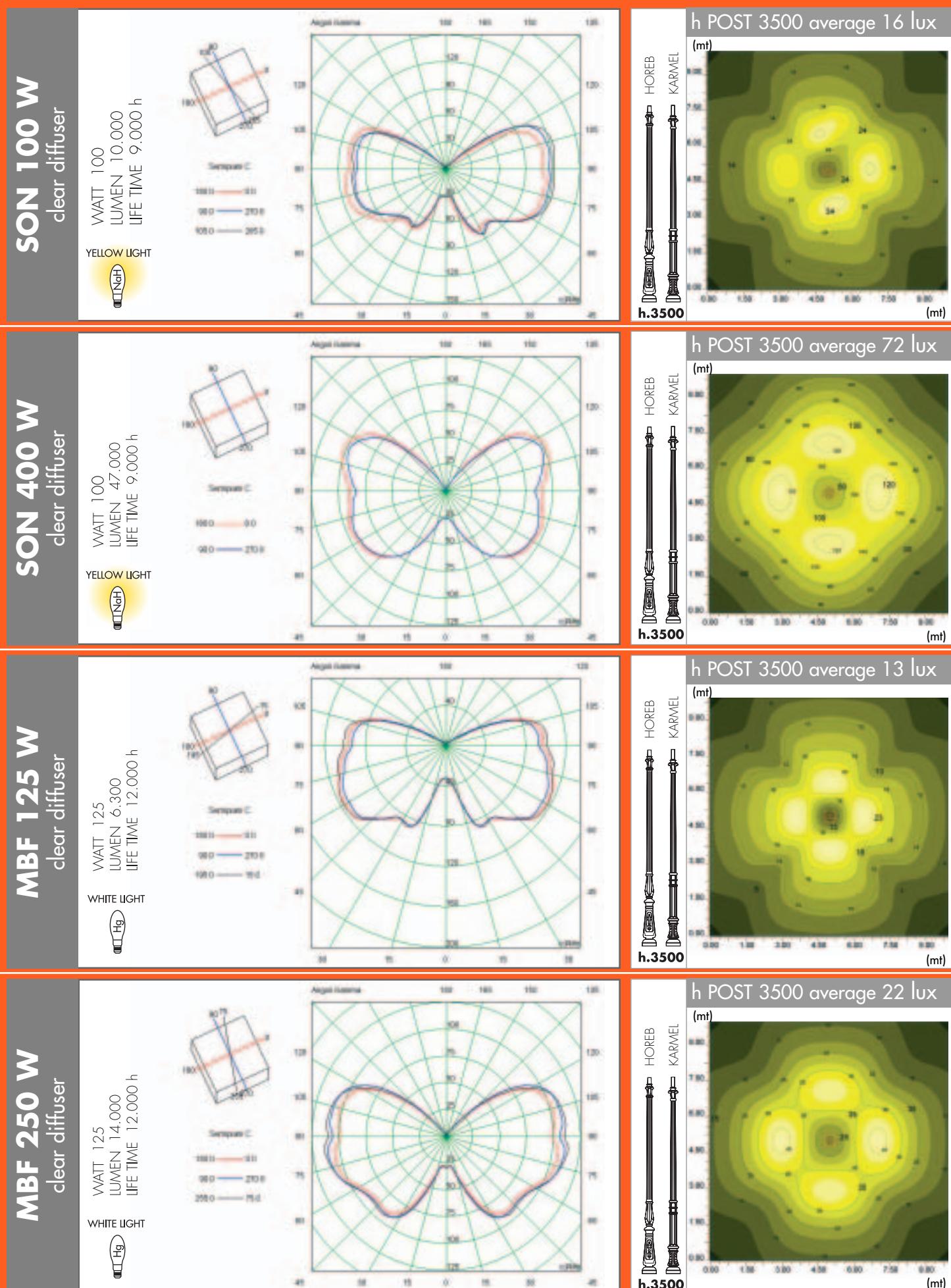


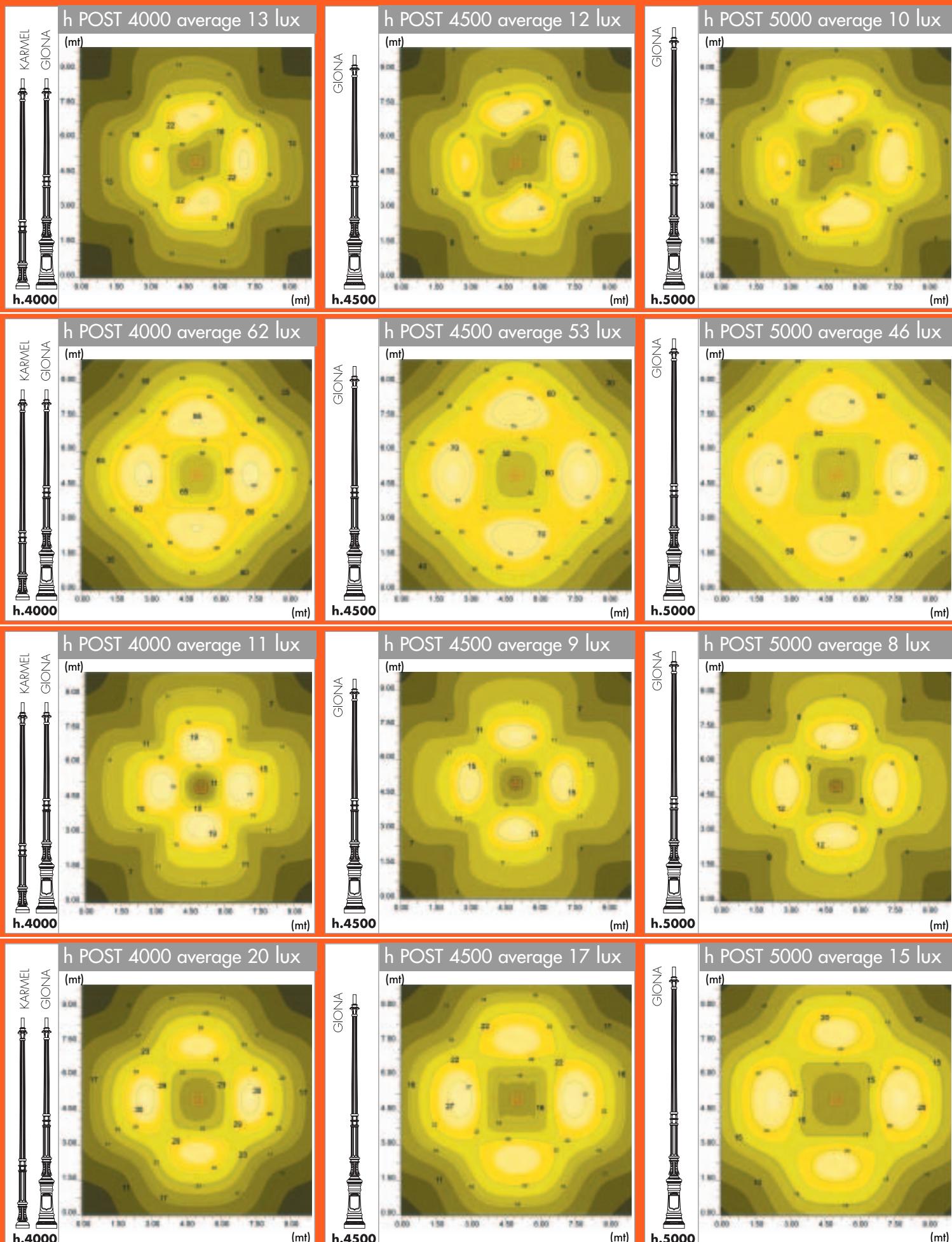
RECYCLABLE



TEMPERATURE

# PHOTOMETRIC DIAGRAMS





**PIETRO**



 **fumagalli®**



U43.207

**GIONA 4000/PIETRO**

U43.221

**GIONA 4500/PIETRO**

U43.224

**GIONA 5000/PIETRO**

U43.227

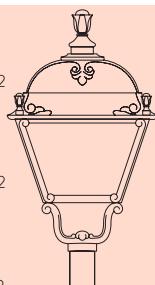
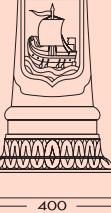
U43.221

Pcs 1  
Kg 58,5  
mc 0,862

U43.224

Pcs 1  
Kg 61,5  
mc 0,982

U43.227

Pcs 1  
Kg 64,5  
mc 1,1124710  
5210  
5710

400

**KARMEL 3000/PIETRO**

U43.231

**KARMEL 3500/PIETRO**

U43.234

**KARMEL 4000/PIETRO**

U43.237

U43.231

Pcs 1  
Kg 31  
mc 0,362

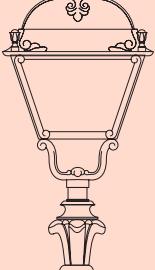
U43.234

Pcs 1  
Kg 32,5  
mc 0,402

U43.237

Pcs 1  
Kg 36  
mc 0,453

430

3710  
4210  
4710

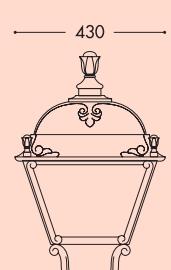
430

**TABOR/PIETRO**

U43.204

**HOREB/PIETRO**

U43.207

U43.204  
Pcs 1  
Kg 31  
mc 0,362U43.207  
Pcs 1  
Kg 32,5  
mc 0,402

430

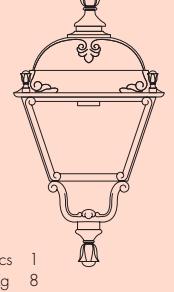
3710  
4210

430

**SICHEM/PIETRO**

U43.121

430

Pcs 1  
Kg 8  
mc 0,182

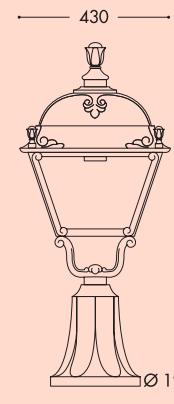
1180

CLOSED DIFFUSER IP 55	GLS MAX 100W E27 SL 25W E27 CFL 23W E27
	MBF 50W E27 80W E27 125W E27
	SON 50W E27 70W E27 100W E40 HQI 70W E27 70W E40

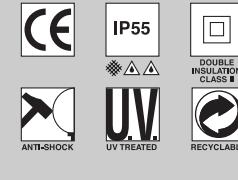
OPEN DIFFUSER	MBF 250W E40 400W E40
	SON 150W E40 250W E40 400W E40
	HQI 150W E40 250W E40 400W E40

**LOT/PIETRO**

U43.113

Pcs 1  
Kg 8,4  
mc 0,182

430

940  
Ø 190
**ALUMINIUM BREAKLIGHT (optional)**

WHITE COLOUR CODE: H.FB6	CHROME CODE: H.FC6
-----------------------------	-----------------------

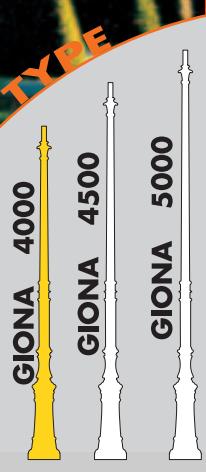
# PIETRO



 fumagalli®

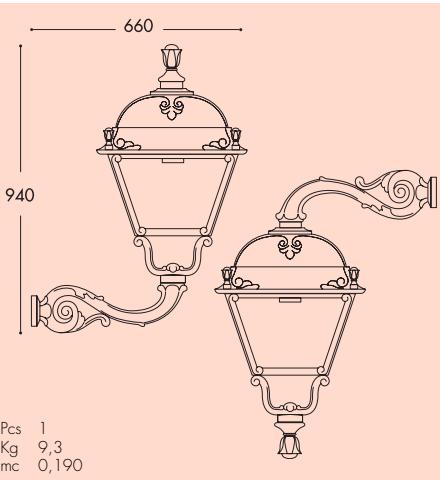


POST TYPE

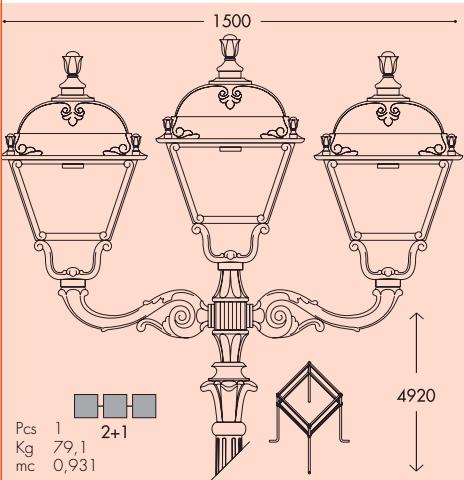


**ADAM/PIETRO**

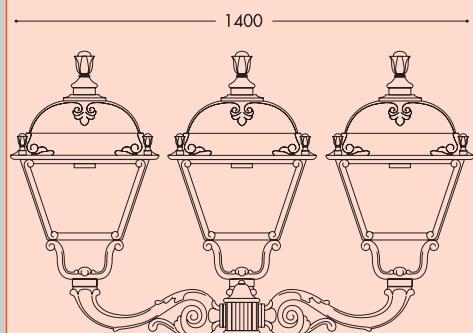
U43.171


**GIONA 4000 ADAM/PIETRO 2+1**

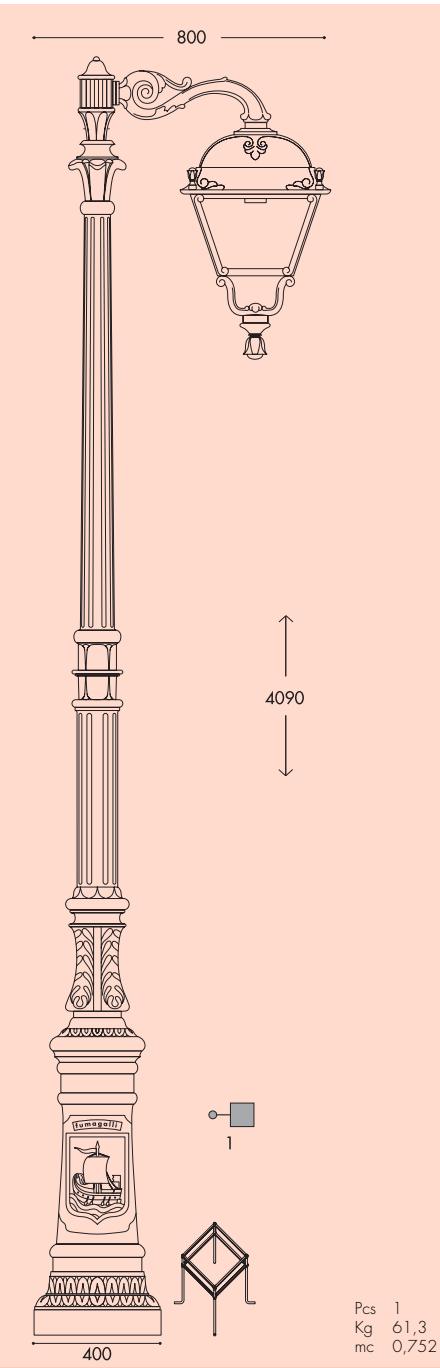
U43.221.M21


**GIONA 4000 ADAM/PIETRO 3L**

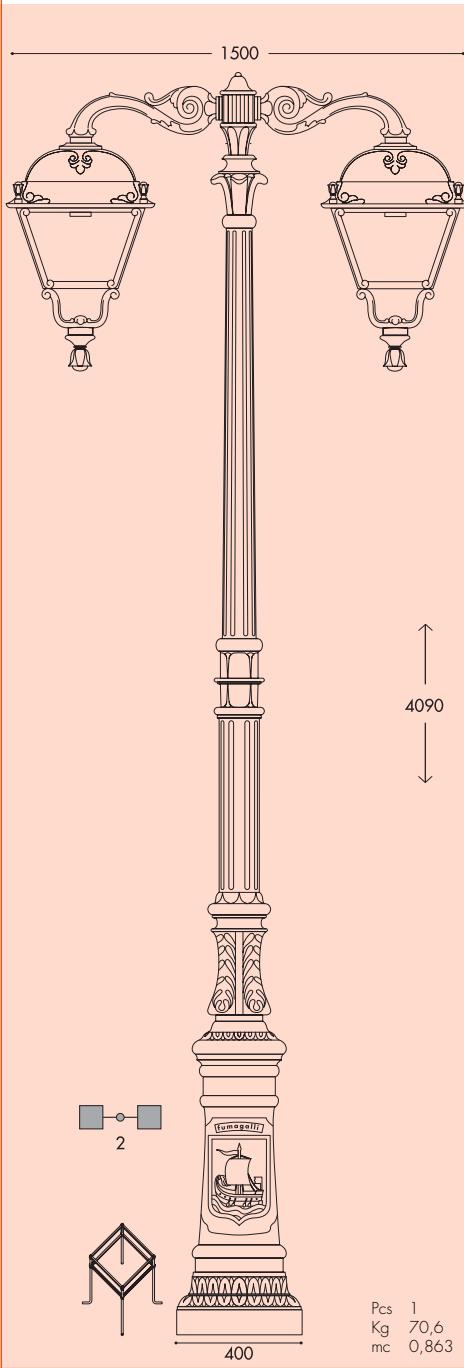
U43.221M30


**GIONA 4000 ADAM/PIETRO 1L**

U43.221.M10


**GIONA 4000 ADAM/PIETRO 2L**

U43.221M20



Pcs 1  
Kg 80  
mc 1,100

**PIETRO**



**fumagalli®**





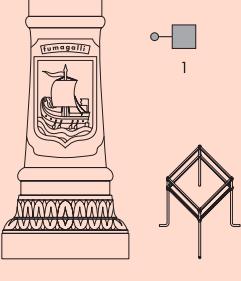
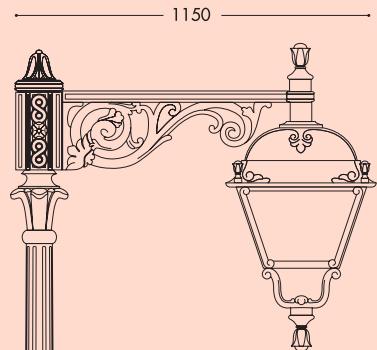
# GIONA 4500-5000 / PIETRO

## GIONA 4500 ARON/PIETRO

U43.224.N10

## GIONA 5000 ARON/PIETRO

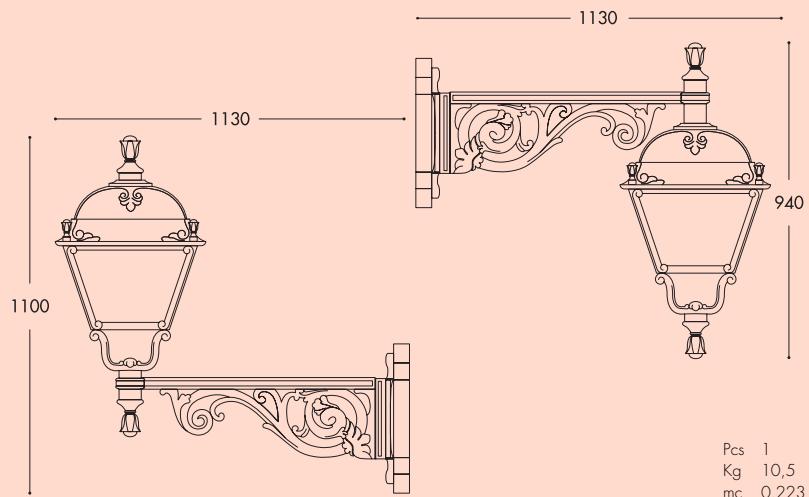
U43.227.N10



— 400 —

## ARON/PIETRO

U43.172

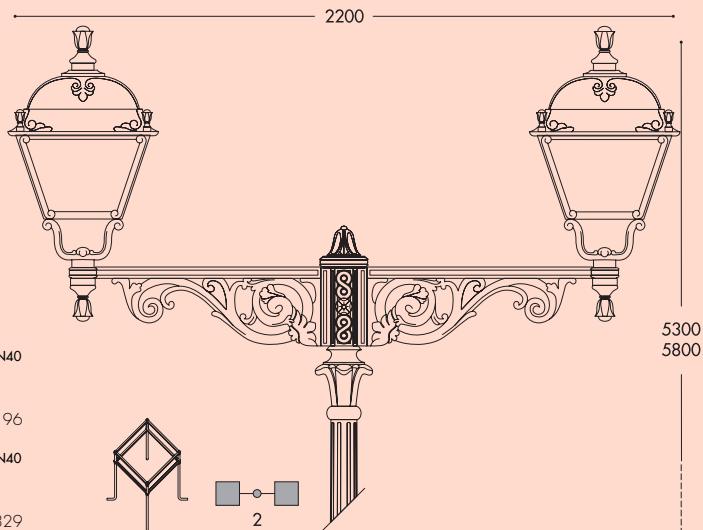


## GIONA 4500 ARON/PIETRO 2L

U43.224.N20

## GIONA 5000 ARON/PIETRO 2L

U43.227.N20

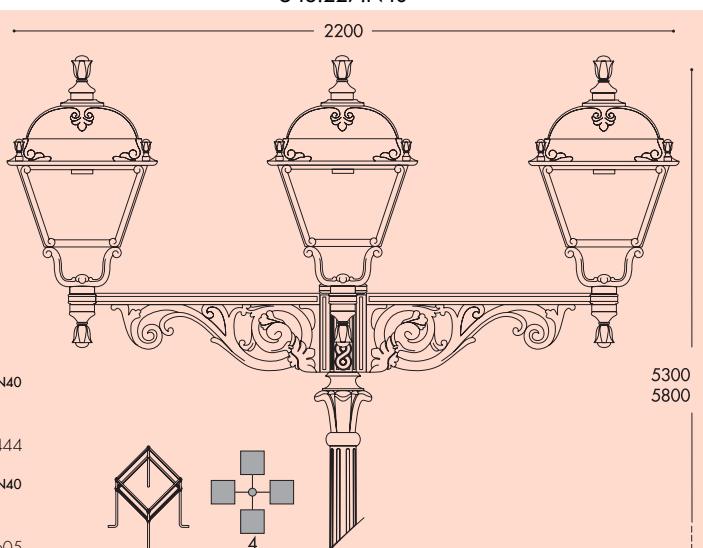


## GIONA 4500 ARON/PIETRO 4L

U43.224.N40

## GIONA 5000 ARON/PIETRO 4L

U43.227.N40



**ELIA**



**fumagalli®**



**GIONA 4000/ELIA**

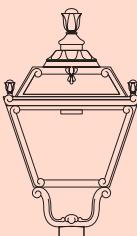
Q43.221

**GIONA 4500/ELIA**

Q43.224

**GIONA 5000/ELIA**

Q43.227



Q43.221  
Pcs 1  
Kg 58,5  
mc 0,862

Q43.224  
Pcs 1  
Kg 61,5  
mc 0,982

Q43.227  
Pcs 1  
Kg 64,5  
mc 1,112

4680  
5180  
5680

400

**KARMEL 3000/ELIA**

Q43.231

**KARMEL 3500/ELIA**

Q43.234

**KARMEL 4000/ELIA**

Q43.237

430

Q43.231  
Pcs 1  
Kg 31  
mc 0,362

Q43.234  
Pcs 1  
Kg 32,5  
mc 0,402

Q43.237  
Pcs 1  
Kg 36  
mc 0,453

3680  
4180  
4680

Ø 275

**TABOR/ELIA**

Q43.204

**HOREB/ELIA**

Q43.207

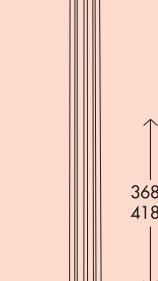
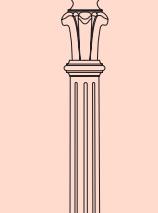
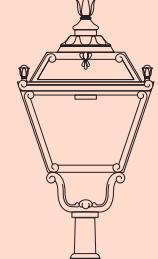
Q43.204  
Pcs 1  
Kg 31  
mc 0,362

Q43.207  
Pcs 1  
Kg 32,5  
mc 0,402

430

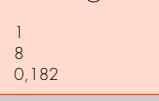
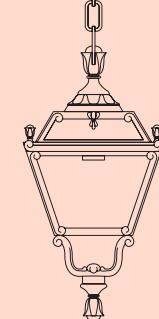
3680  
4180

Ø 275


**SICHEM/ELIA**

Q43.121

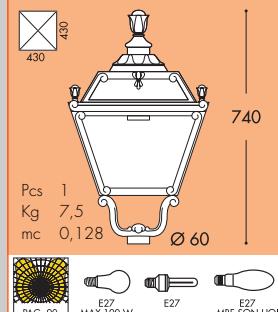
430



Pcs 1  
Kg 8  
mc 0,182

**ELIA**

Q43.000



Colours:

Moulded Black - White -Green  
Painted Antique Green  
Antique Bronze

Diffuser: Transparent - Opal

GLS MAX 100W E27

SL 25W E27

CFL 23W E27

MBF 50W E27

80W E27

125W E27

CLOSED DIFFUSER IP 55

SON 50W E27

70W E27

100W E40

HQI 70W E27

70W E40

OPEN DIFFUSER

MBF 250W E40

400W E40

SON 150W E40

250W E40

400W E40

HQI 150W E40

250W E40

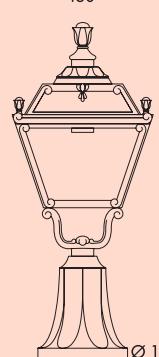
400W E40


**ALUMINIUM BREAKLIGHT (optional)**
**WHITE COLOUR**

CODE: H.FB6

**CHROME**

CODE: H.FC6



220

910

Ø 90

**ELIA****fumagalli®****POST TYPE**

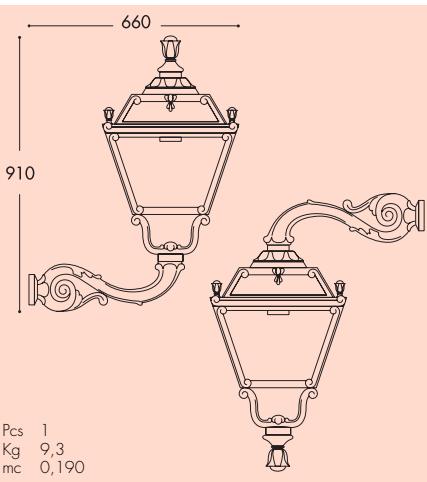
GIONA 4000

GIONA 4500

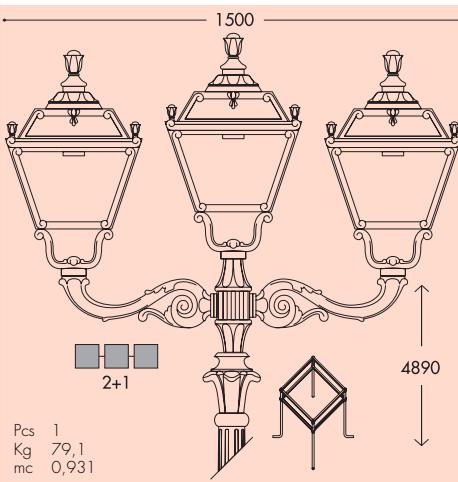
GIONA 5000

**ADAM/ELIA**

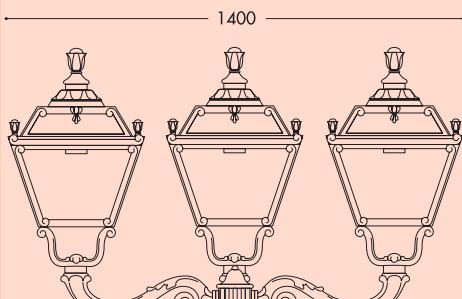
Q43.171


**GIONA 4000 ADAM/ELIA 2+1**

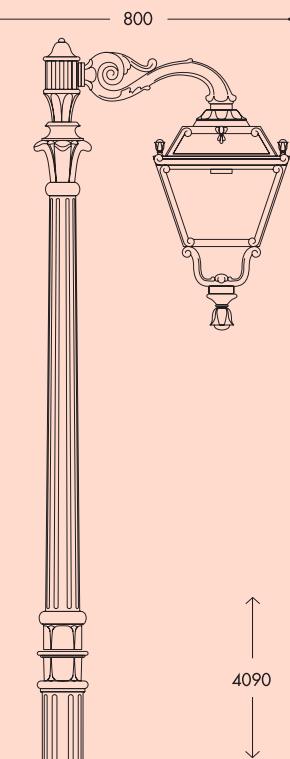
Q43.221M21


**GIONA 4000 ADAM/ELIA 3L**

Q43.221.M30

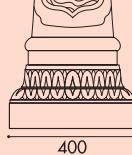

**GIONA 4000 ADAM/ELIA 1L**

Q43.221.M10



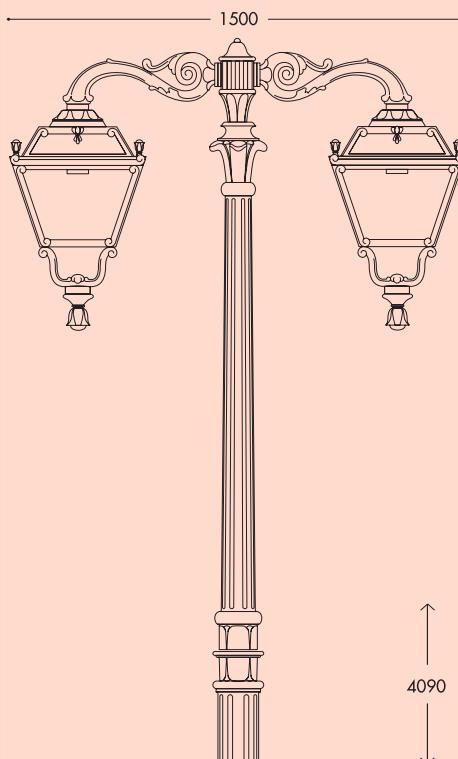
4090

1


Pcs 1  
Kg 61,3  
mc 0,752

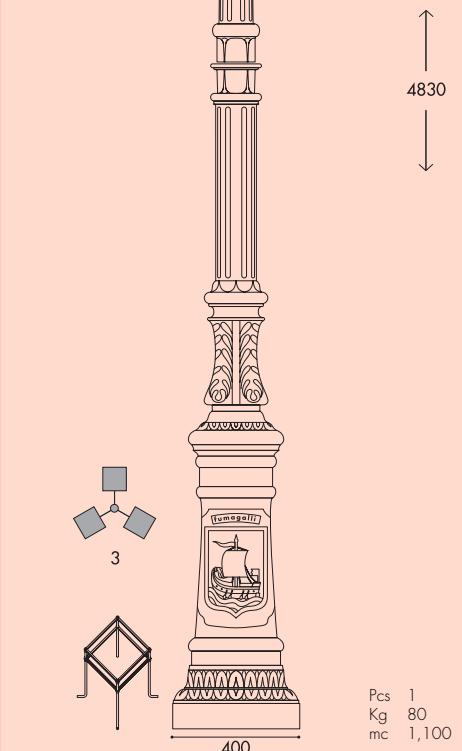
**GIONA 4000 ADAM/ELIA 2L**

Q43.221.M20

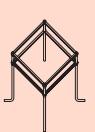


4090

2

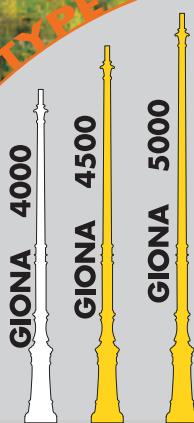

Pcs 1  
Kg 70,6  
mc 0,863


3


Pcs 1  
Kg 80  
mc 1,100

**ELIA****fumagalli®**

POST TYPE



Q43.172



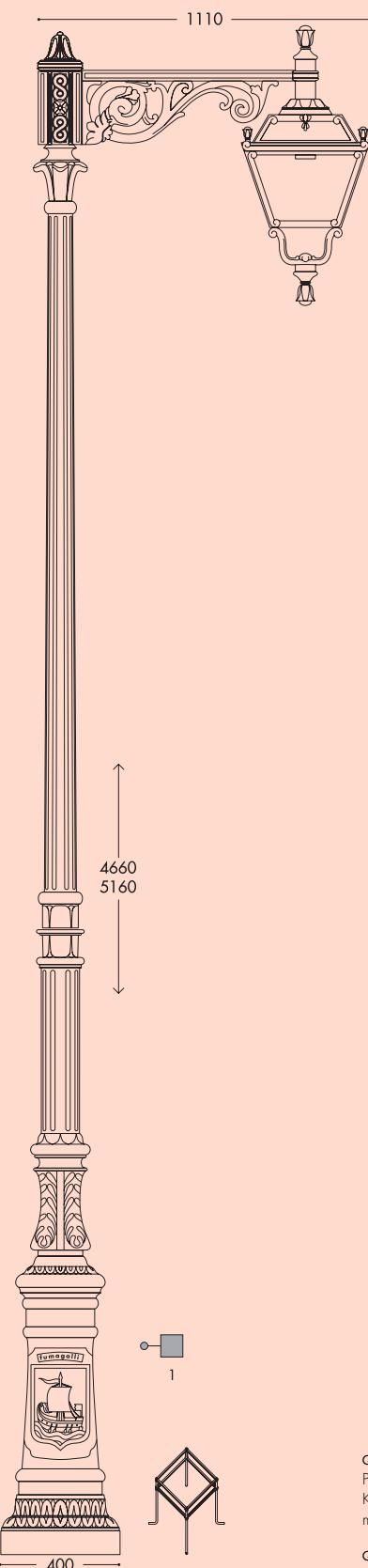
Q43.224.N20

**GIONA 4500 ARON /ELIA 1L**

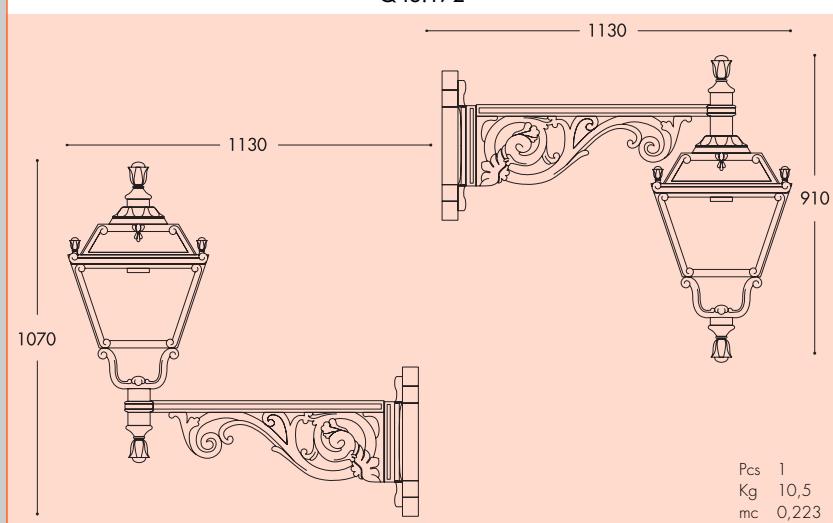
Q43.224.N10

**GIONA 5000 ARON /ELIA 1L**

Q43.227.N10


**ARON/ELIA**

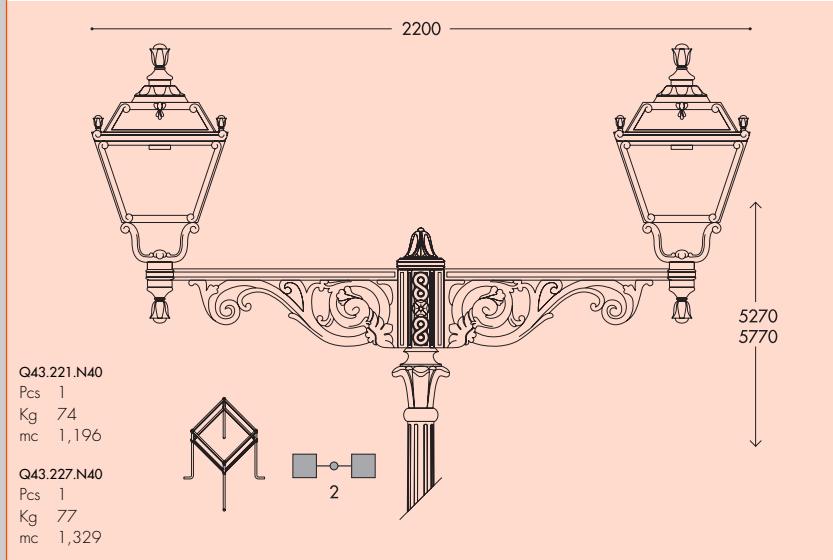
Q43.172


**GIONA 4500 ARON/ELIA 2L**

Q43.224.N20

**GIONA 5000 ARON/ELIA 2L**

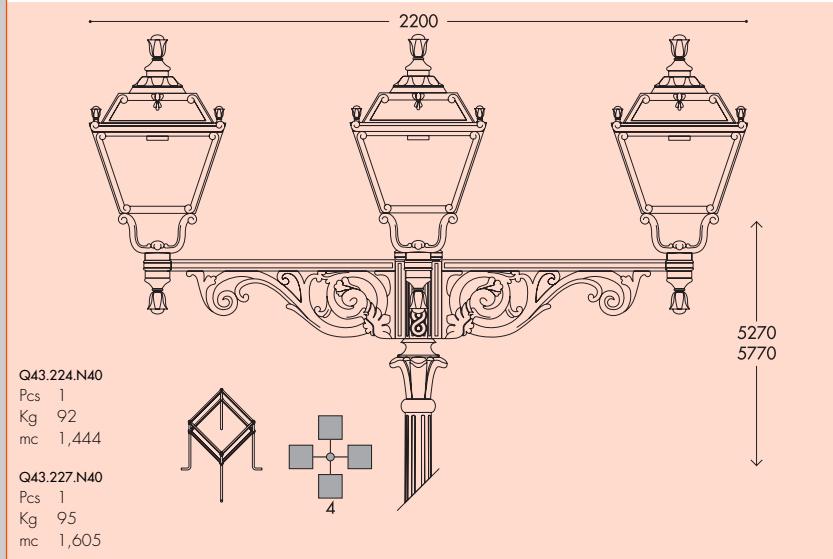
Q43.227.N20


**GIONA 4500 ARON/ELIA 4L**

Q43.224.N40

**GIONA 5000 ARON/ELIA 4L**

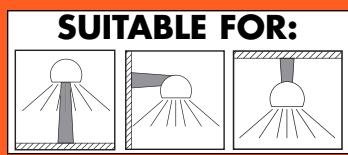
Q43.227.N40



**GLOBO DIAM. 500 MM E ANFORA CLASSICA IN POLIMETILMETACRILATO (PMMA), COMPLETI DI BASE REALIZZATA IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE. IDONEI PER IL MONTAGGIO A PALO, A PARETE E A SOSPENSIONE (SOLO GLOBO).**

500 MM PMMA GLOBE AND CLASSIC AMPHORE, COMPLETE WITH BASE MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. SUITABLE FOR POST TOP, WALL AND HANGING (GLOBE ONLY) INSTALLATION.

## GLOBE 500 G50.B50



**Dimensions and weight.**

Height 510 mm, Ø 500 mm.

Weight: 3,5 Kg (without optional breaklight)

Area exposed to wind pressure  $CxS = 0,181 \text{ m}^2$

Junction to the support: diameter 60

Insulation class: II Ceramic lampholder.

## VERSIONS AVAILABLE

REF.CODE			
WITHOUT BALLAST	GLS MAX	100W E27	
	SL	25W E27	G50.B50.000
	CFL	23W E27	
WITH BALLAST	MBF	50W E27	G50.B50.M50
		80W E27	G50.B50.M80
		125W E27	G50.B50.M12
	SON	50W E27	G50.B50.S50
		70W E27	G50.B50.S70
		100W E40	G50.B50.S10
	HQI	70W E27	G50.B50.H70
		100W E40	G50.B50.H10
white aluminium breaklight		H.FB1	H.FB6
chrome aluminium breaklight		H.FC1	H.FC6
(UPWARD)		(UPWARD)	(DOWNWARD)

The photometric data for all the versions are available upon request

REF.CODE			
WITHOUT BALLAST	GLS MAX	100W E27	
	SL	25W E27	C50.B50.000
	CFL	23W E27	
WITH BALLAST	MBF	50W E27	C50.B50.M50
		80W E27	C50.B50.M80
	SON	50W E27	C50.B50.S50
		70W E27	C50.B50.S70
	HQI	70W E27	C50.B50.H70
white aluminium breaklight			H.FB1
chrome aluminium breaklight			H.FC1

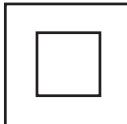
## COLOURS

PMMA  
DIFFUSERS



**SON** SODIUM VAPOR  
**HQI** METAL HALIDE

**MBF** MERCURY VAPOR


**MODERN**
**CLASSIC**
**CLASS II**

 DOUBLE  
INSULATION

**PROTECTION**


electrical equipment seat

**Globo diam. 500 mm e anfora classica** in polimetilmacrilato (PMMA) resistente all'ingiallimento ed ai raggi UV, realizzati in unico pezzo.

**500 mm globe and classic amphore** in poly-methylmethacrylate (PMMA), one piece only, UV stabilized.

Possibilità di applicare alla base un **frangiluce** in alluminio pressofuso con sistema ottico lamellare a ripartizione simmetrica per orientare il fascio di luce e ridurre l'abbagliamento (opzionale). Disponibile in versione bianca o cromo.

An **alluminium die cast breaklight** with a laminar symmetrical optic system can be fixed on the diffuser base, to direct the lighting output and to get a lower dazzle (optional). Available in white or chrome version.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzato ai raggi UV, inattaccabile da ruggine e corrosione. Composta da un supporto e da un coperchio nella cui parte inferiore possono essere fissati gli accessori elettrici e nella cui parte superiore si trova l'alloggiamento per il portalamppada. Una guarnizione in gomma garantisce la protezione dell'alloggiamento degli accessori elettrici dagli agenti esterni.

Luminaires **base**, made in shockproof resin material, UV rays stabilized, rust and corrosion-free, consisting of a support and of a cover suitable for electrical accessories fixation on its lower side and provided with lampholder seat on its upper side. A rubber gasket warranties the protection of the electrical accessories seat from external agents.

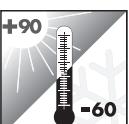
**RESIN MATERIAL**

 COLOURS  
IN PASTE

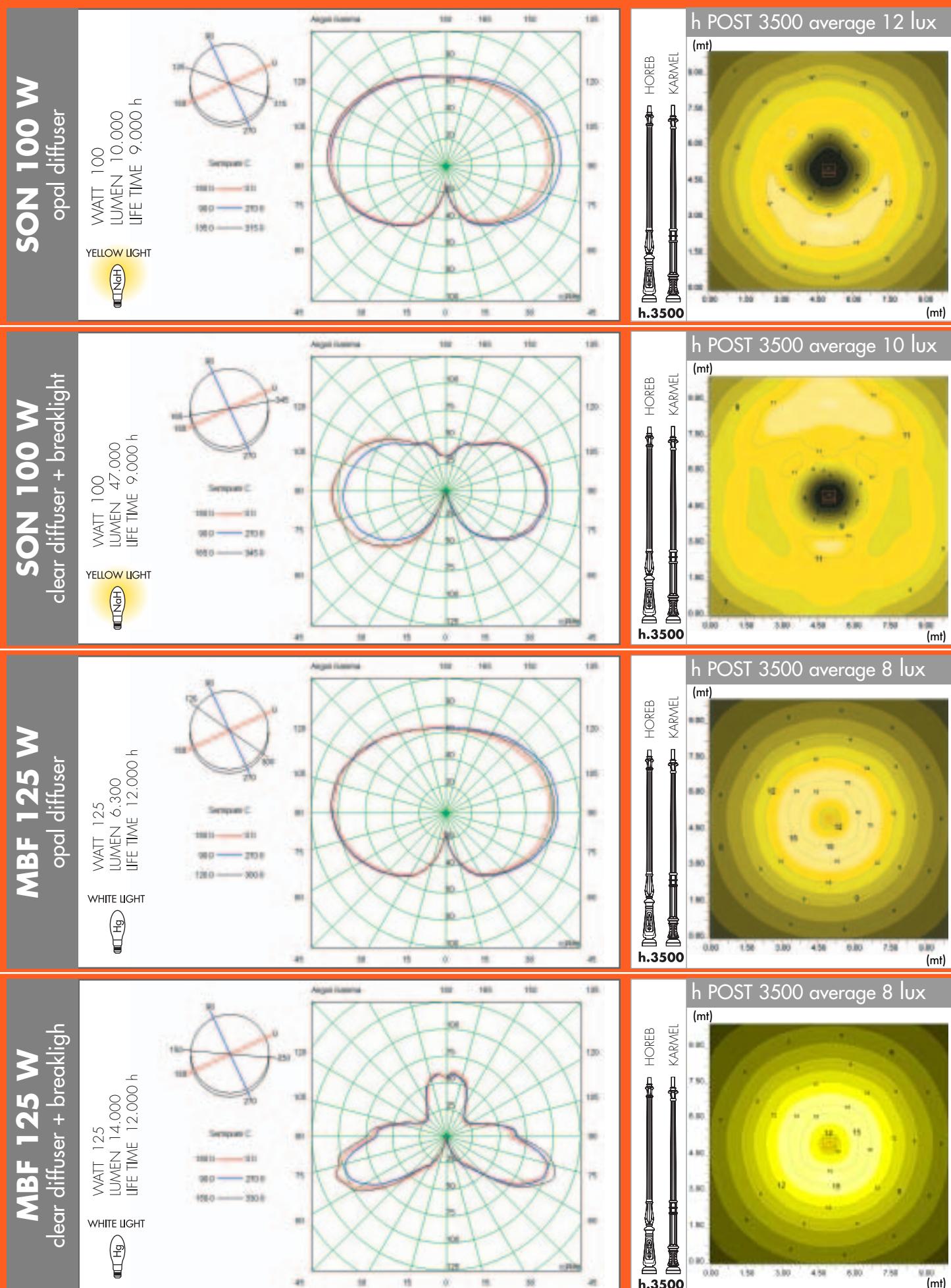

ANTI-SHOCK

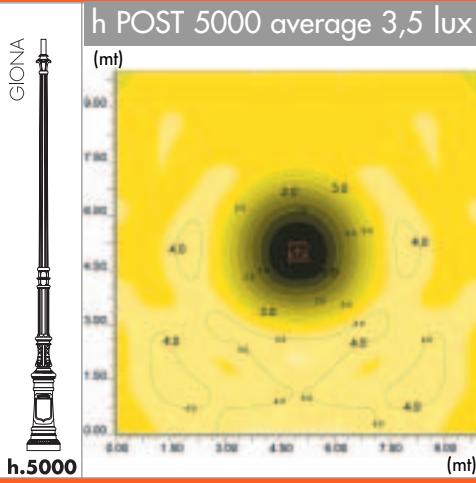
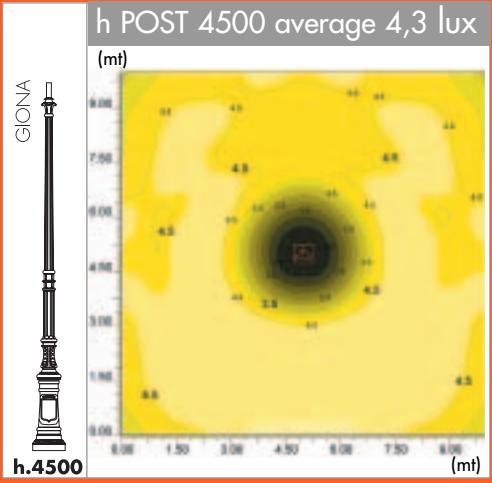
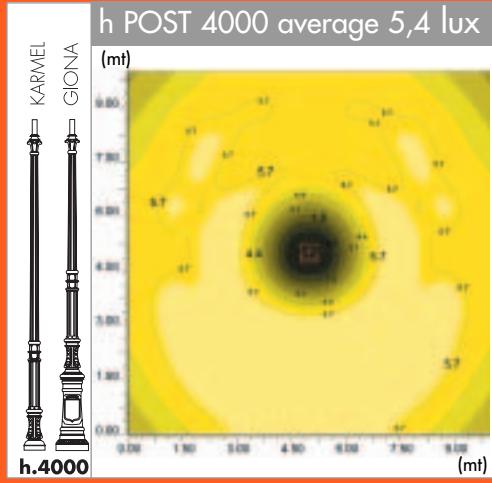
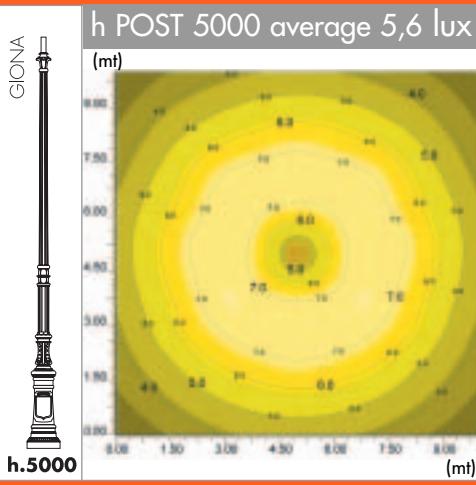
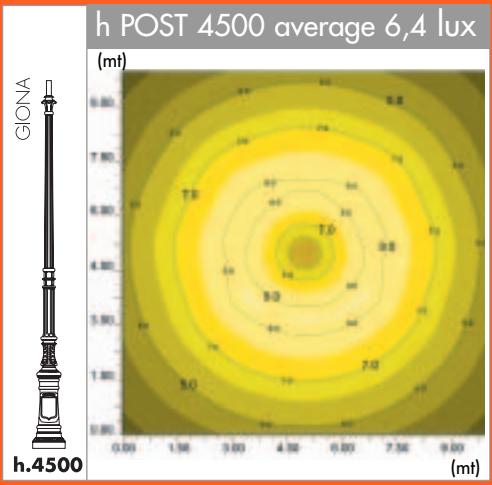
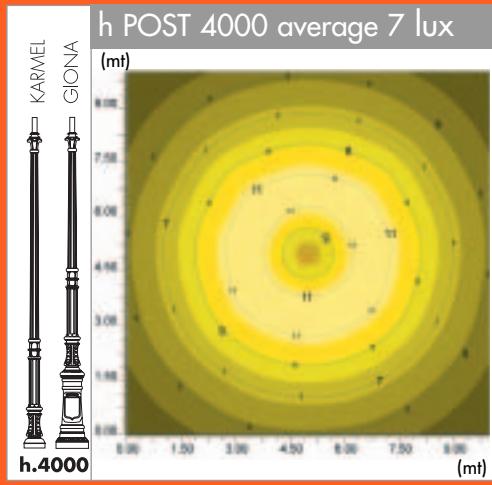
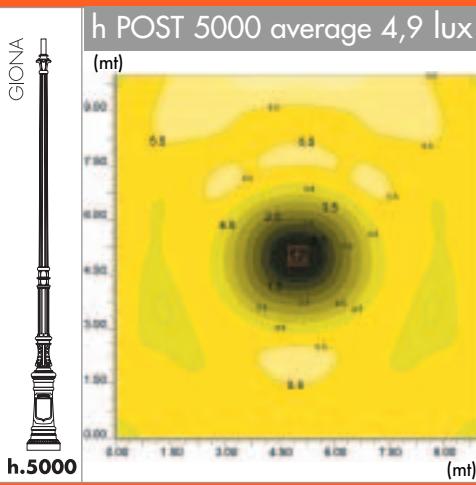
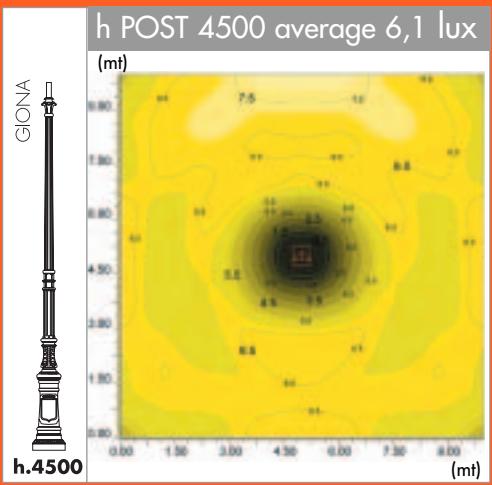
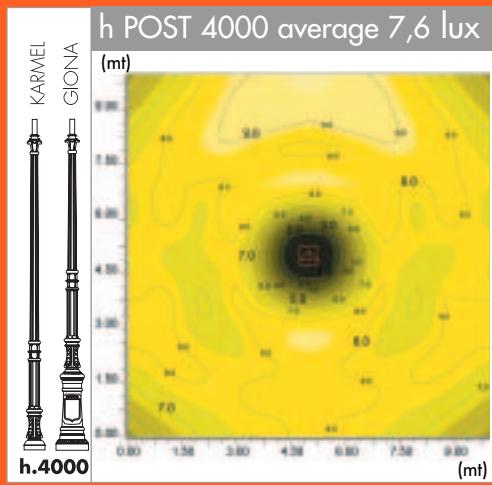
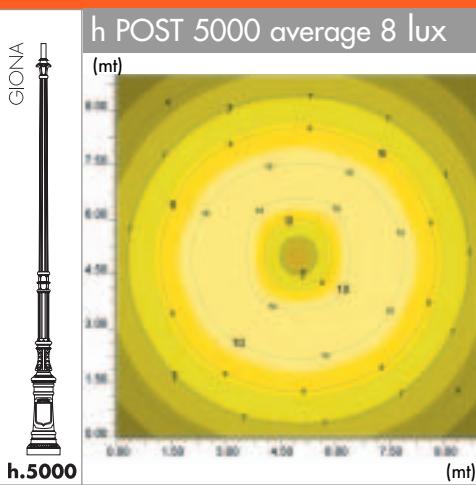
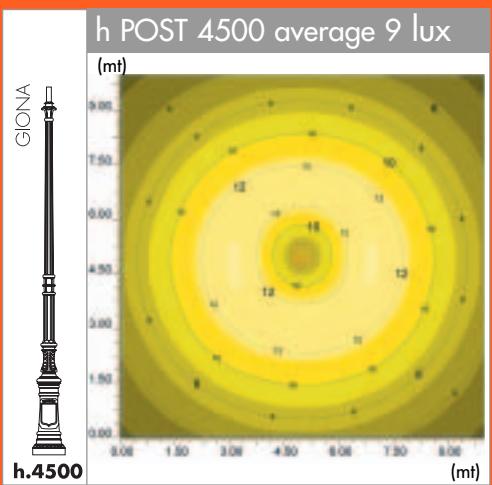
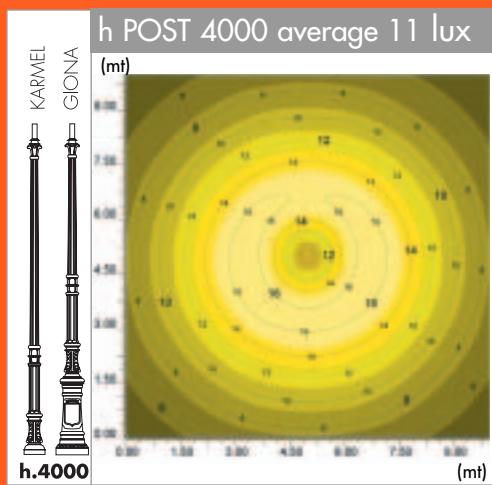


RECYCLABLE

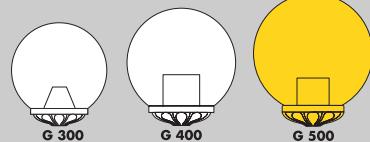

 +90  
-60

# PHOTOMETRIC DIAGRAMS





# GLOBE 500



**fumagalli®**



**GIONA 4000/G500**

G50.221

**GIONA 4500/G500**

G50.224

**GIONA 5000/G500**

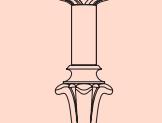
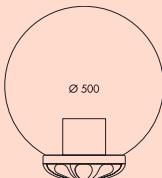
G50.227

G50.221

Pcs 1

Kg 54,5

mc 0,907


**KARMEL 3000/G500**

G50.231

**KARMEL 3500/G500**

G50.234

**KARMEL 4000/G500**

G50.237


**TABOR/G500**

G50.204

**HOREB/G500**

G50.207

**G50.204**

Pcs 1

Kg 27

mc 0,407

**G50.207**

Pcs 1

Kg 28,5

mc 0,447

**G50.237**

Pcs 1

Kg 32

mc 0,498


**GLOBE 500**

G50.B50

Ø 500

510

  
Pcs 2  
Kg 7  
mc 0,275 Ø 60


Colours:

 Moulded Black - White -Green  
 Painted Antique Green  
 Antique Bronze

 Diffuser: Transparent - Opal  
 Smoked

**SICHEM/G500**

G50.121

Pcs 2

Kg 15

mc 0,275

WITHOUT  
BALLAST

GLS MAX 100W E27

SL 25W E27

CFL 23W E27

MBF 50W E27

80W E27

125W E27

SON 50W E27

70W E27

100W E27

HQI 70W E27

100W E27

WITH  
BALLAST
**LOT/G500**

G50.113

Pcs 2

Kg 16

mc 0,275

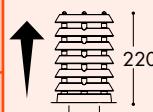
750

Ø 500

Ø 190

**ALUMINIUM BREAKLIGHT  
(optional)**
**WHITE COLOUR**

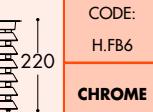
CODE: H.FB1


**CHROME**

CODE: H.FC1

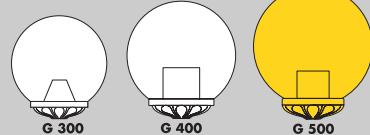

**WHITE COLOUR**

CODE: H.FB6


**CHROME**

CODE: H.FC6

# GLOBE 500



fumagalli®



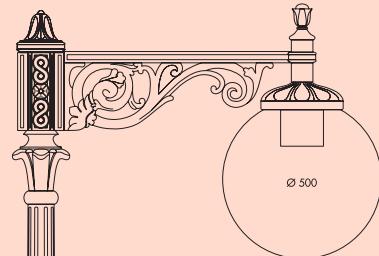
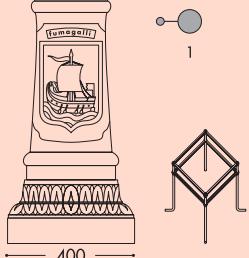
**GIONA 4500 ARON/G500 1L**

G50.224.N10

**GIONA 5000 ARON/G500 1L**

G50.227.N10

1185


4660  
5160


400



G50.224.N10

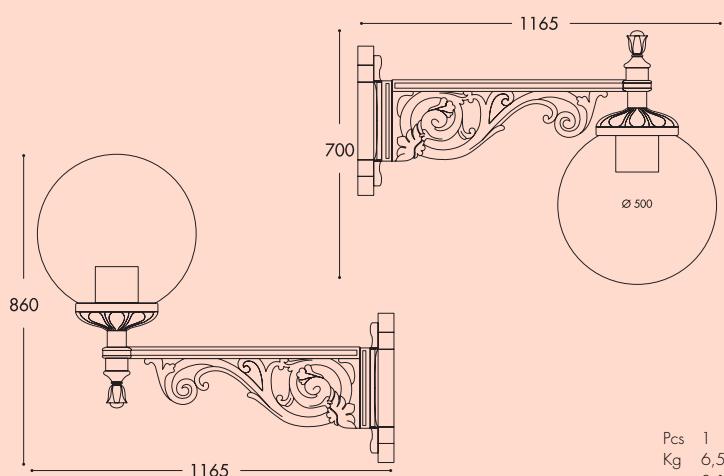
Pcs 1  
Kg 61  
mc 1,031

G50.227.N10

Pcs 1  
Kg 64  
mc 1,146

**ARON/G500**

G50.172

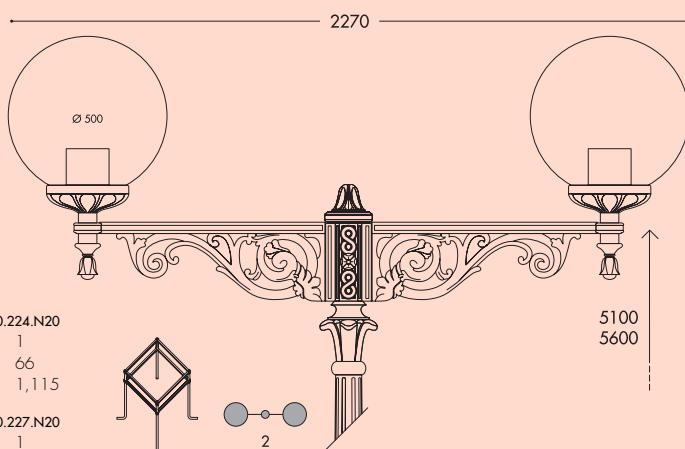

Pcs 1  
Kg 6,5  
mc 0,178

**GIONA 4500 ARON/G500 2L**

G50.224.N20

**GIONA 5000 ARON/G500 2L**

G50.227.N20


G50.224.N20  
Pcs 1  
Kg 66  
mc 1,115

G50.227.N20  
Pcs 1  
Kg 69  
mc 1,239

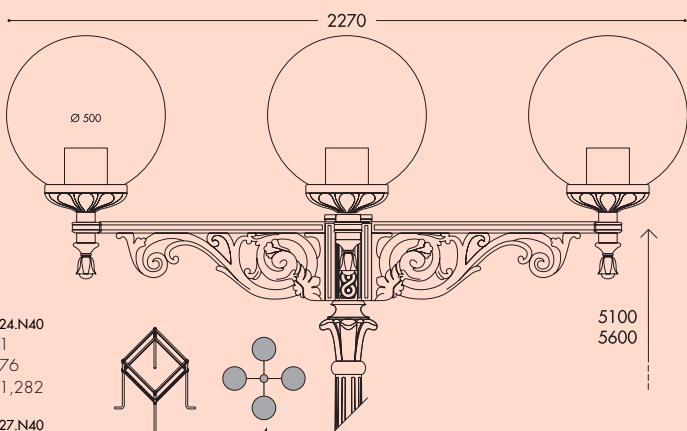
5100  
5600

**GIONA 4500 ARON/G500 4L**

G50.224.N40

**GIONA 5000 ARON/G500 4L**

G50.227.N40



G50.224.N40

Pcs 1  
Kg 76  
mc 1,282

G50.227.N40

Pcs 1  
Kg 79  
mc 1,425

5100  
5600

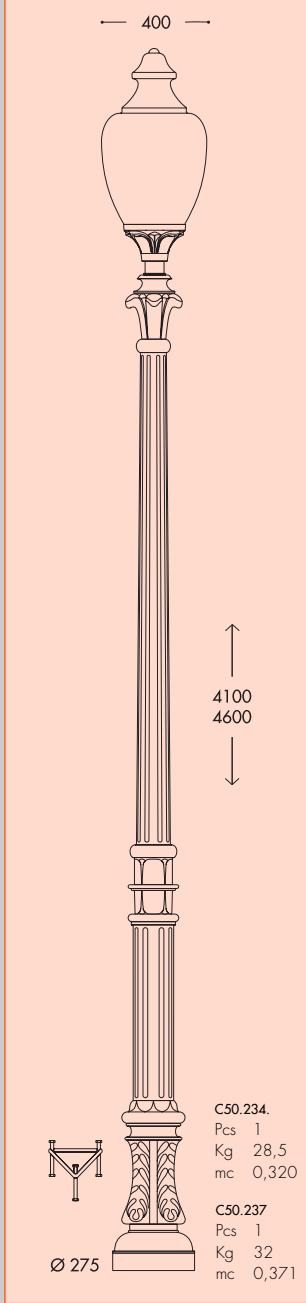
## CANA 500



WITHOUT BALAST	GLS MAX	100W	E27
	SL	25W	E27
	CFL	23W	E27
WITH BALAST	MBF	50W	E27
		80W	E27
	SON	50W	E27
		70W	E27
	HQI	70W	E27

ALUMINIUM BREAKLIGHT (optional)	
WHITE COLOUR	CODE: H.FB6
CHROME	CODE: H.FC6

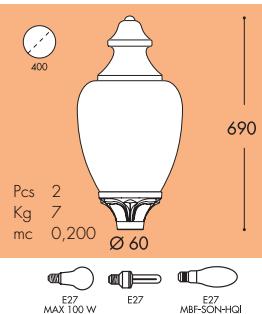
KARMEL 3500/CANA 500	C50.234
KARMEL 4000/CANA 500	C50.237


**Colours:**

Moulded **Black - White  
Green  
Antique Green  
Antique Bronze**  
Painted  
Diffuser: **Transparent  
Opal**


**CANA 500**

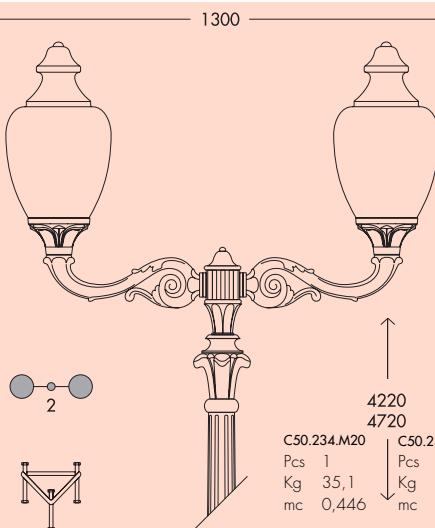
C50.B50


**KARMEL 3500 ADAM /CANA 500 2L**

C50.234.M20

**KARMEL 4000 ADAM /CANA 500 2L**

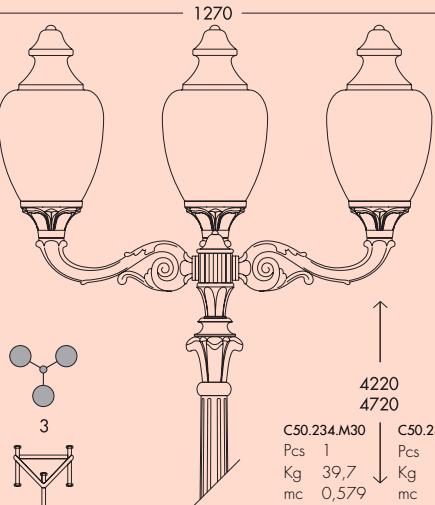
C50.237.M20


**KARMEL 3500 ADAM /CANA 500 3L**

C50.234.M30

**KARMEL 4000 ADAM /CANA 500 3L**

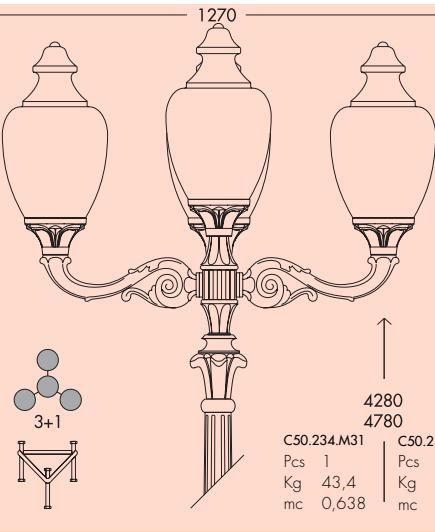
C50.237.M30


**KARMEL 3500 ADAM /CANA 500 3+1**

C50.234.M31

**KARMEL 4000 ADAM /CANA 500 3+1**

C50.237.M31



# CANA 500

Fumagalli®



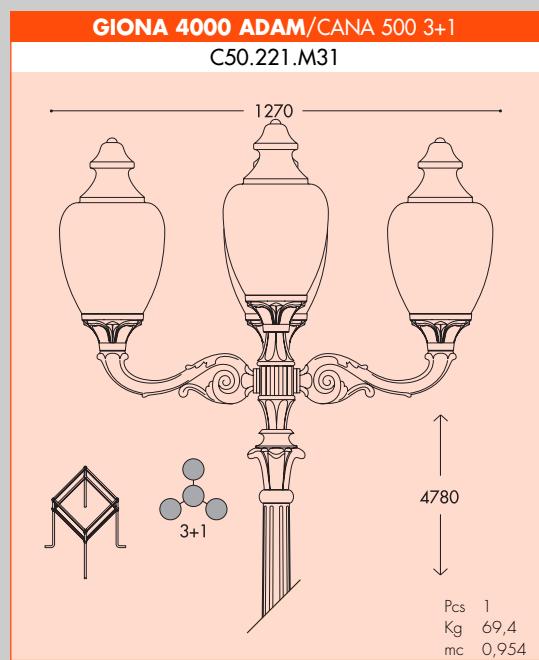
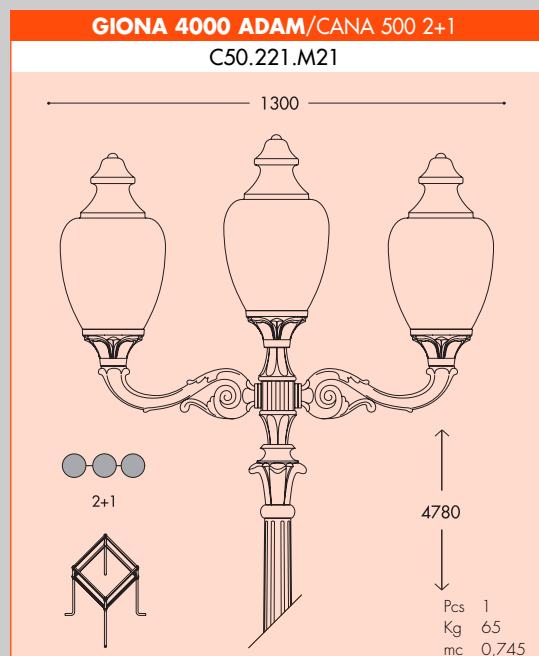
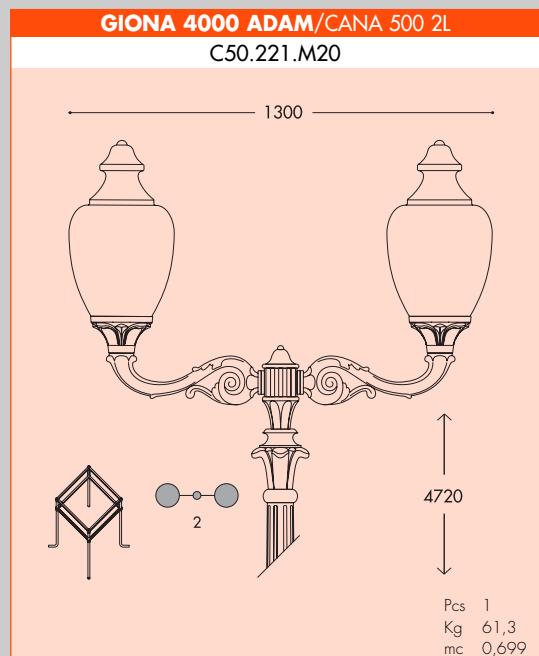
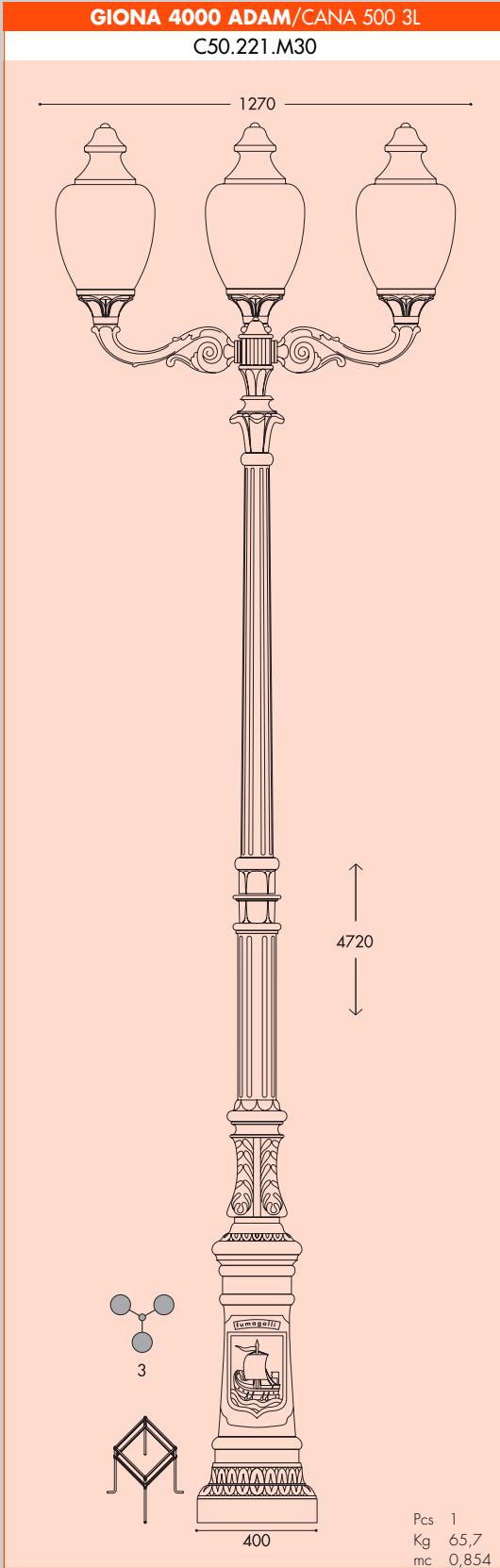
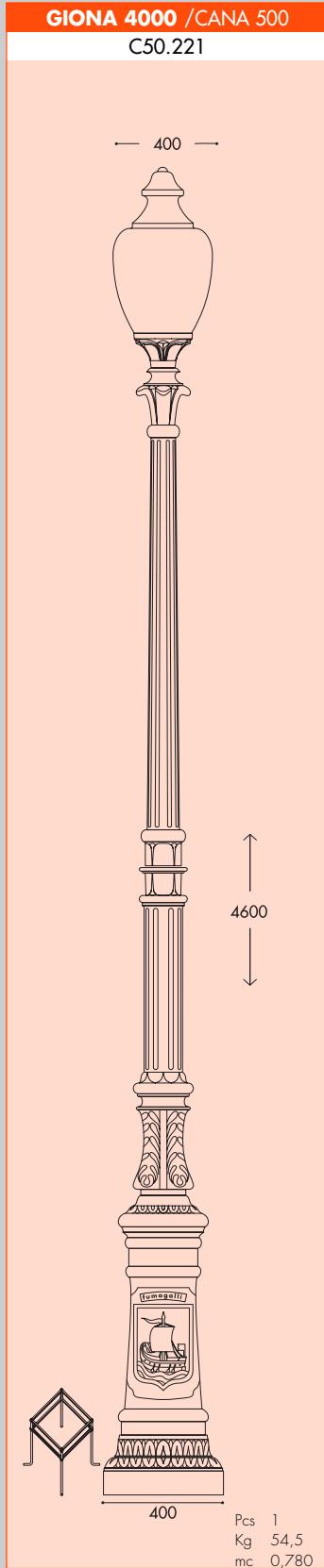
C50.221.M21

POST TYPE

GIONA 4000

GIONA 4500

GIONA 5000



# Bollards





## GAMMA DI BOLLARD IN STILE CLASSICO REALIZZATA IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE.

BOLLARD RANGE IN CLASSIC STYLE, MADE WITH SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE.



**WITH BALLAST**



**STANDARD**

PAINTED

Antique  
Green

Antique  
Bronze

**PMMA  
DIFFUSERS**

Clear

Opal

MOULDED

White

Black

Green

Gray



**CLASS II**  
DOUBLE  
INSULATION



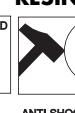
**PROTECTION**  
IP55



**RESIN MATERIAL**  
U.V.  
TREATED  
COLOURS  
IN PASTE



ANTI-SHOCK



RECYCLABLE



+90  
-60

### INSTALLATION SUITABLE FOR:

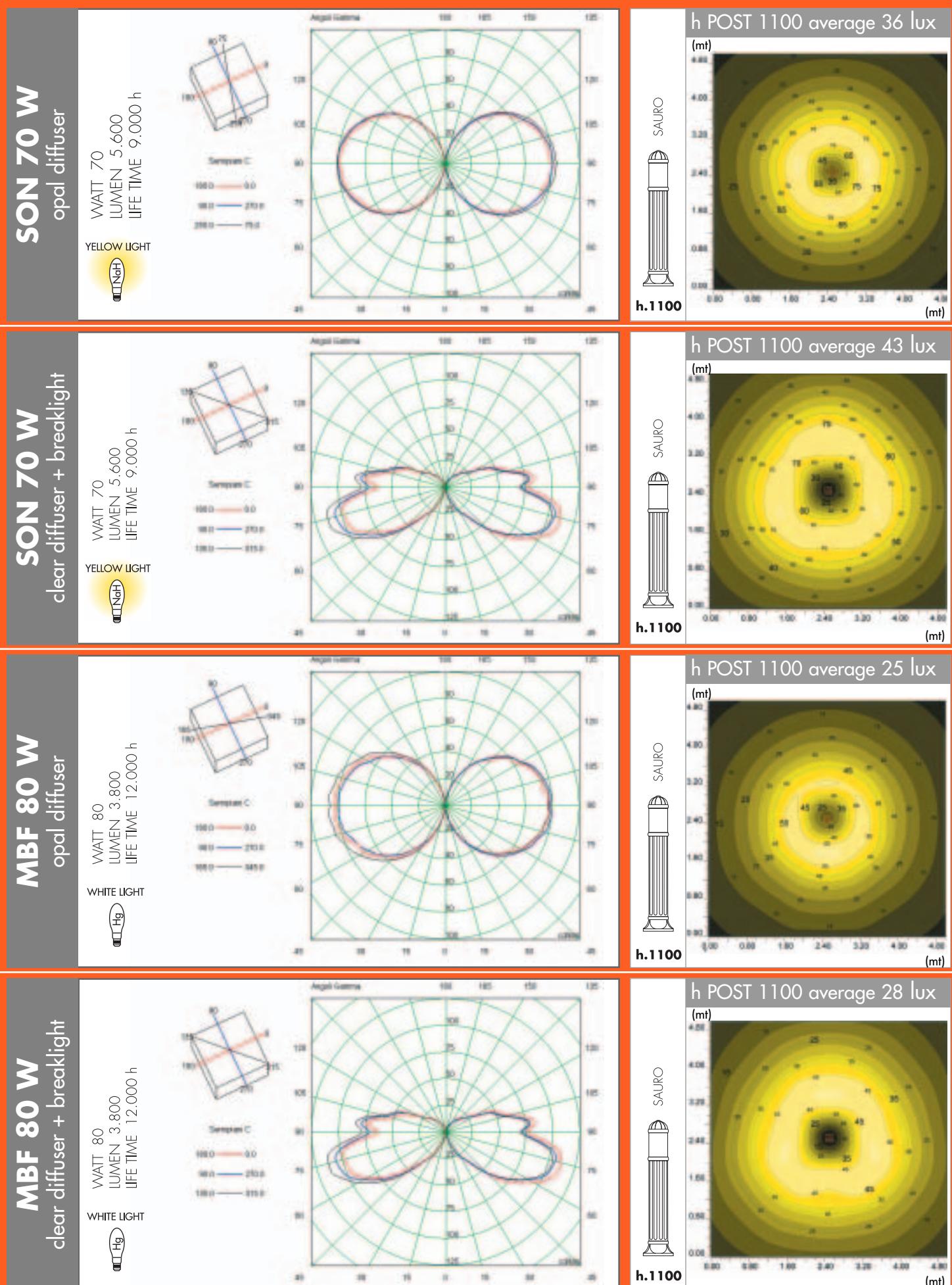


RESIDENTIAL  
AREA

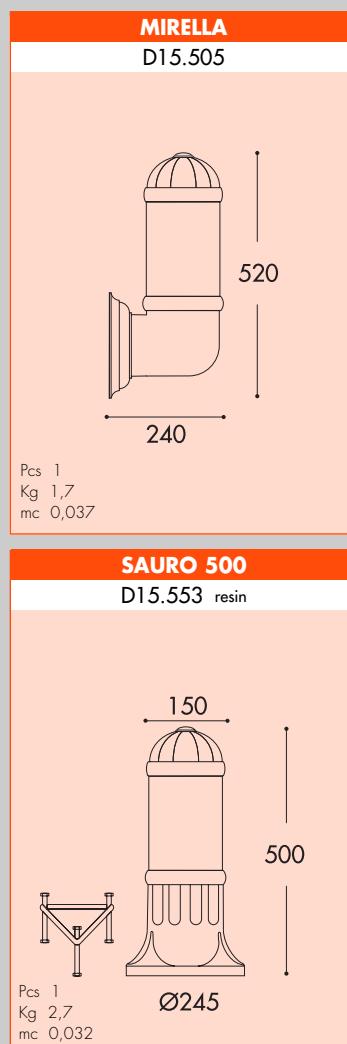
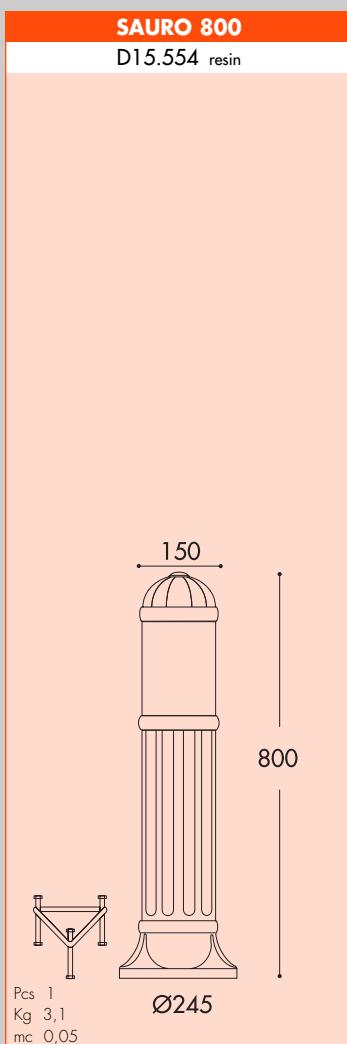
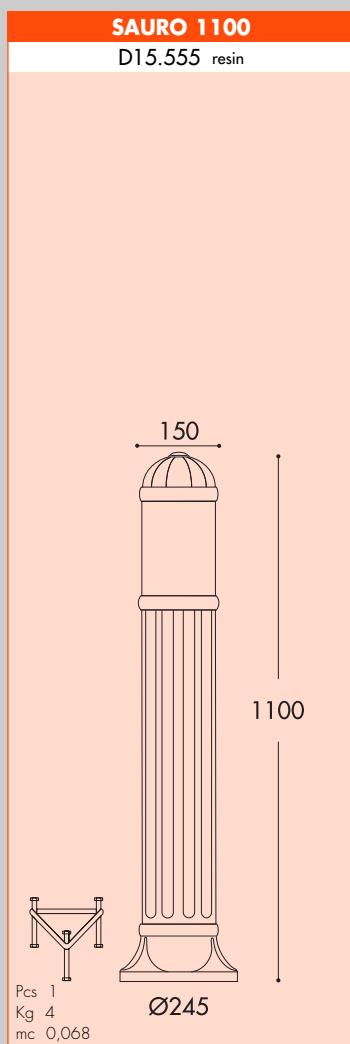


PUBLIC  
AREA

# PHOTOMETRIC DIAGRAMS







<b>STANDARD DIFFUSER</b>			
D15.000			
		150	310
	E27	E27	
PAG. 121	MAX 100 W		E27
<b>WITHOUT BALLAST</b>		<b>GLS MAX</b>	<b>100W E27</b>
<b>SL</b>		<b>25W E27</b>	
<b>CFL</b>		<b>23W E27</b>	
<b>DIFFUSER WITH BALLAST</b>			
D15.000			
		150	310
	E27	E27	
PAG. 121	MBF-SON-HQI		
<b>WITH BALLAST</b>		<b>MBF 50W E27</b>	
		<b>80W E27</b>	
<b>SON</b>		<b>50W E27</b>	
		<b>70W E27</b>	
<b>HQI</b>		<b>70W E27</b>	

Colours:  
 Moulded Black - White - Green - Gray  
 Painted Antique Green  
 Antique Bronze

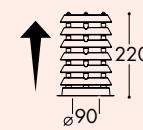
Diffuser: Transparent - Opal

## BALLAST KIT ( OPTIONAL )

<b>MBF MERCURY VAPOR</b>
REF. CODE <b>50 W HO.BAL.M50</b>
<b>80 W HO.BAL.M80</b>

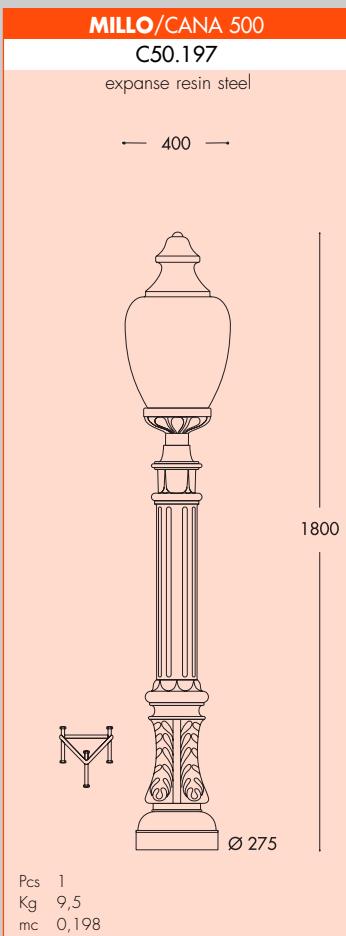
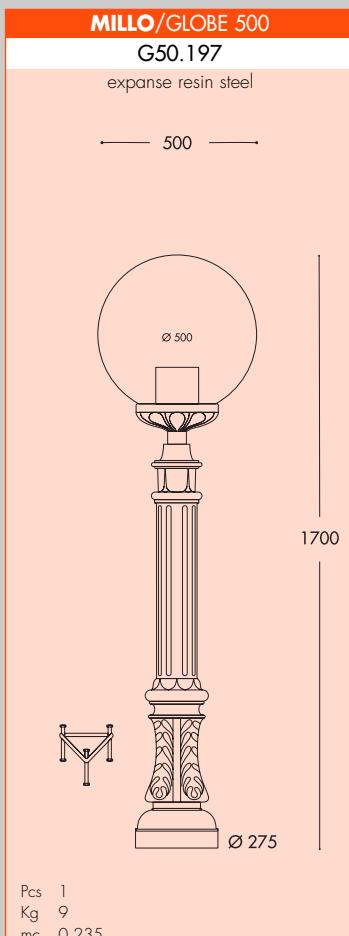
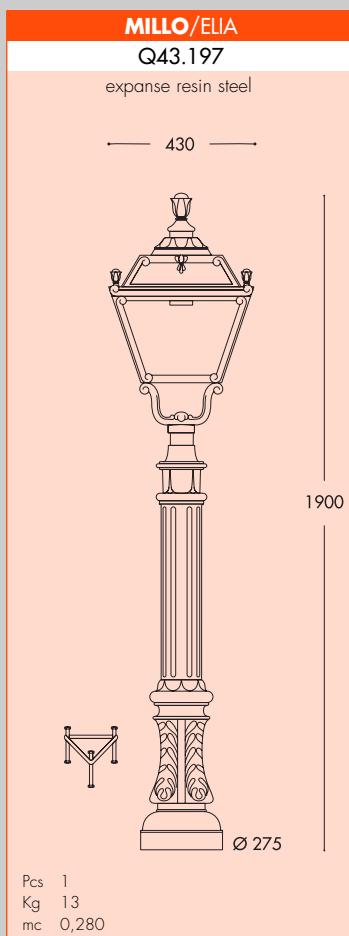
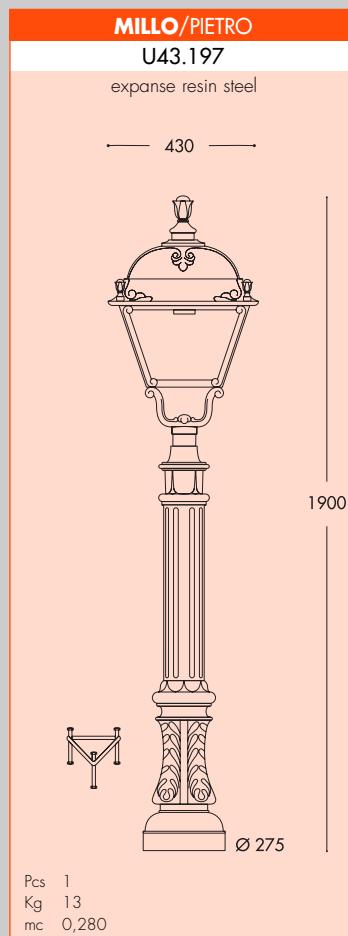
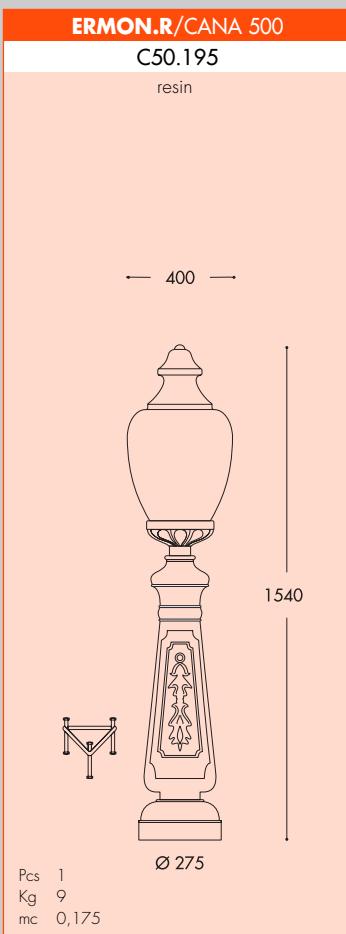
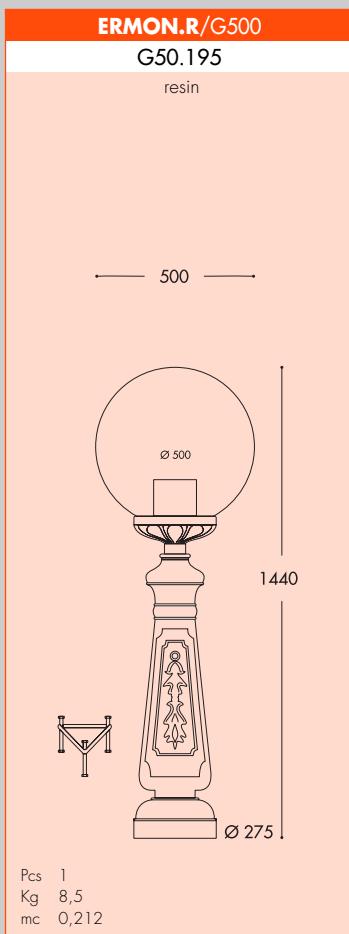
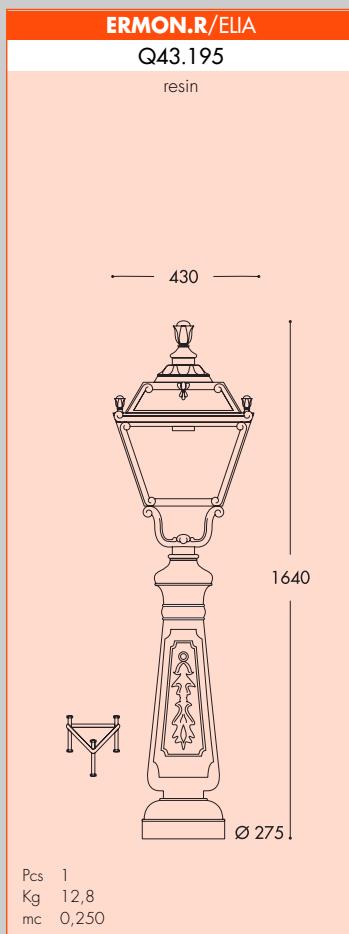
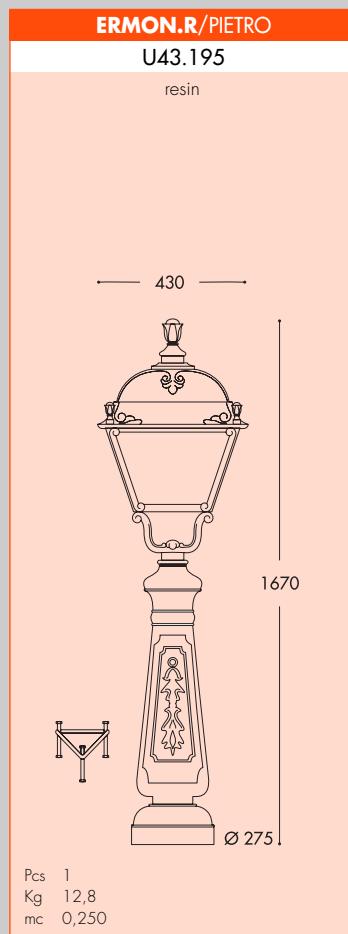
<b>SON SODIUM VAPOR</b>
REF. CODE <b>50 W HO.BAL.S50</b>
<b>70 W HO.BAL.S70</b>
<b>HQI METAL HALIDE</b>
REF. CODE <b>70 W HO.BAL.H70</b>

<b>BREAKLIGHT (optional)</b>
<b>ALUMINIUM WHITE COLOUR</b>
CODE: H.FB1
<b>ALUMINIUM CHROME</b>
CODE: H.FC1
<b>RESIN WHITE</b>
CODE: H.FRA.D15



# CITY BOLLARDS





# CITY BOLLARDS

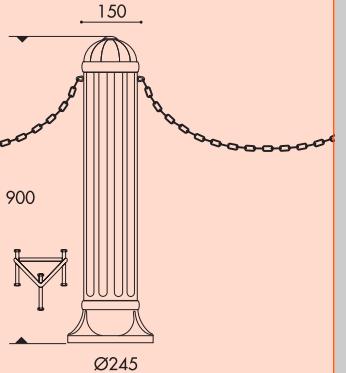
 **Fumagalli®**



**NARDO.R 900**

000.515 chain is optional

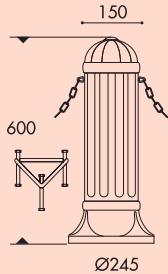
resin


 Pcs 1  
 Kg 1,6  
 mc 0,054

**NARDO.R 600**

000.514 chain is optional

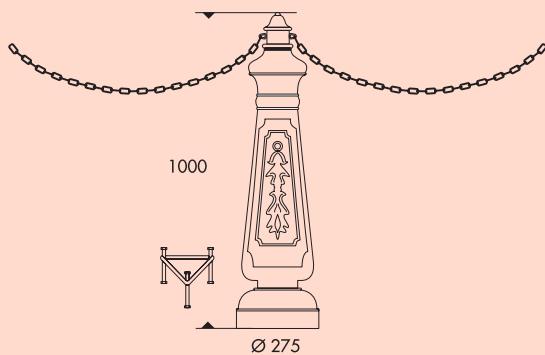
resin


 Pcs 1  
 Kg 1,2  
 mc 0,040

**ESAU.R**

000.190 chain is optional

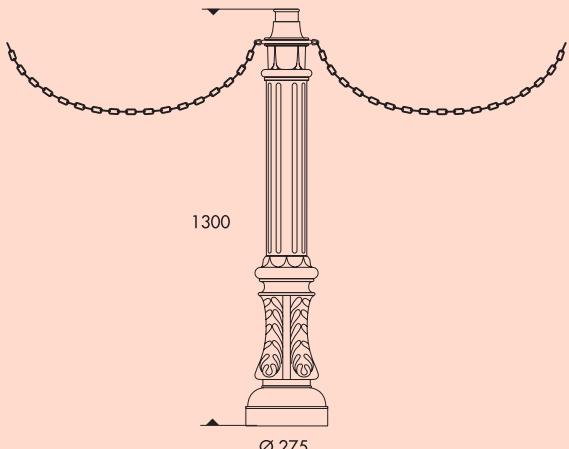
resin


 Pcs 1  
 Kg 4,3  
 mc 0,075

**MILLO**

000.199 chain is optional

expanse resin steel


 Pcs 1  
 Kg 4,4  
 mc 0,098

**BOLLARD CHAIN**
**Z00.CAT**


Catena per Bollard - Misura mm 1000  
 fornita con 2 anelli aperti con sistema di  
 chiusura alle estremità

**Resin chain for Bollard - Size mm  
 1000**

**Supplied with 2 open rings with closing system at the end.**

# Technical details

## OPTIONS



### COLOURS



Black



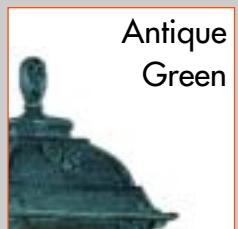
Green



White



Grey  
(only for bollards)



Antique  
Green



Antique  
Bronze

MOULDED COLOURS

PAINTED COLOURS

### DIFFUSER



Clear



Opal



Smoked  
(only for globes)

PMMA DIFFUSERS

### BREAKLIGHT

ALUMINIUM WHITE  
COLOUR  
(UPWARD)



H.FB1

ALUMINIUM CHROME  
(UPWARD)



H.FC1

ALUMINIUM WHITE  
COLOUR  
(DOWNWARD)



H.FB6

ALUMINIUM CHROME  
(DOWNWARD)



H.FC6

RESIN WITHE  
(UPWARD)  
for bollards only



H.FRA.D15

## BALLAST KITS



### SON SODIUM VAPOR

CODE	WATTAGE	LAMP HOLDER
H0.BAL.S50	50 W	E27
H0.BAL.S70	70 W	E27
H0.BAL.S10	100 W	E40
H0.BAL.S15	150 W	E40

### MBF MERCURY VAPOR

CODE	MBF WATTAGE	LAMP HOLDER
H0.BAL.M50	50 W	E27
H0.BAL.M80	80 W	E27
H0.BAL.M12	125 W	E27

### HQI METAL HALIDE

CODE	WATTAGE	LAMP HOLDER
H0.BAL.H70	70 W	E27
H0.BAL.H10	100 W	E40
H0.BAL.H15	150 W	E40

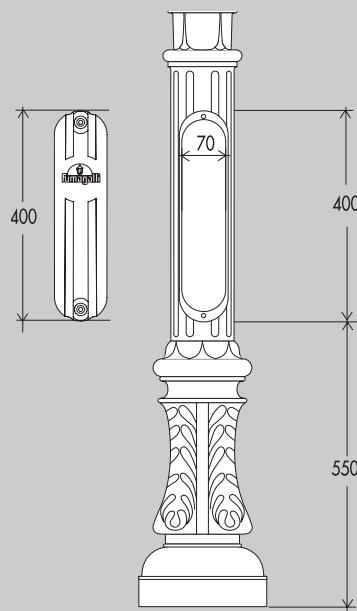
## LIGHT EFFICIENCY

	GLS	SL	CFL	WHITE LIGHT H <sub>g</sub>	MERCURY VAPOR MBF	SODIUM VAPOR SON						METAL HALIDE HQI				
						50	70	100	150	250	400	70	100	150	250	400
WATT	75	100	150	25	23	50	80	125	50	70	100	150	250	400	70	100
LUMEN	960	1.380	1.600	1.200	1.400	2.000	3.800	6.300	3.500	5.600	10.000	14.000	25.000	47.000	6.000	9.000
LIFE TIME	1.000 h		5.000 h		6.000 h		12.000 h		9.000 h				9.000 h			

# INSPECTION DOORS-CONNECTION BOXES

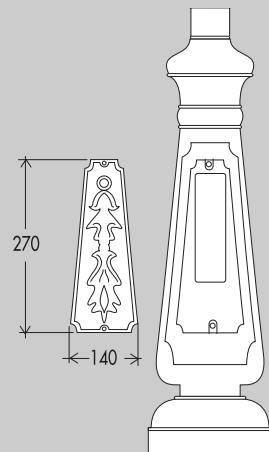


for KARMEL posts



THE INSPECTION DOOR CAN BE PERSONALIZED WITH YOUR OWN LOGO.  
SPECIAL QUOTATIONS AVAILABLE

for NEBO TABOR HOREB posts

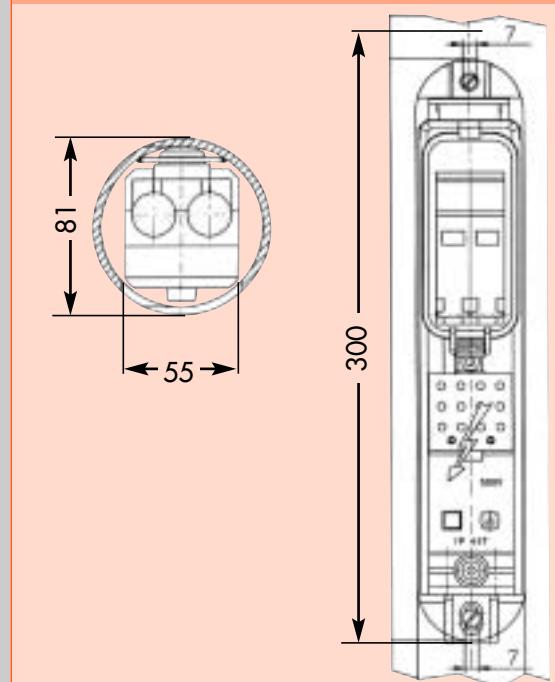


Double insulation

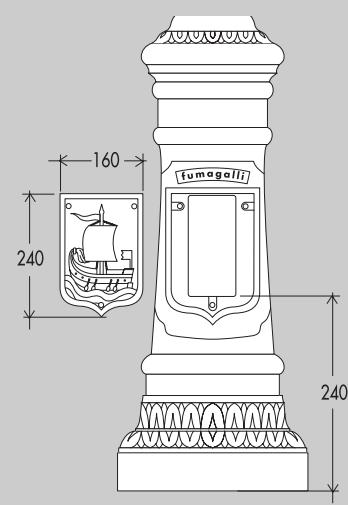


IP44

4 X 16 mm<sup>2</sup> □  
3 - WAY  
Fuse holder Ifo electric cc.10

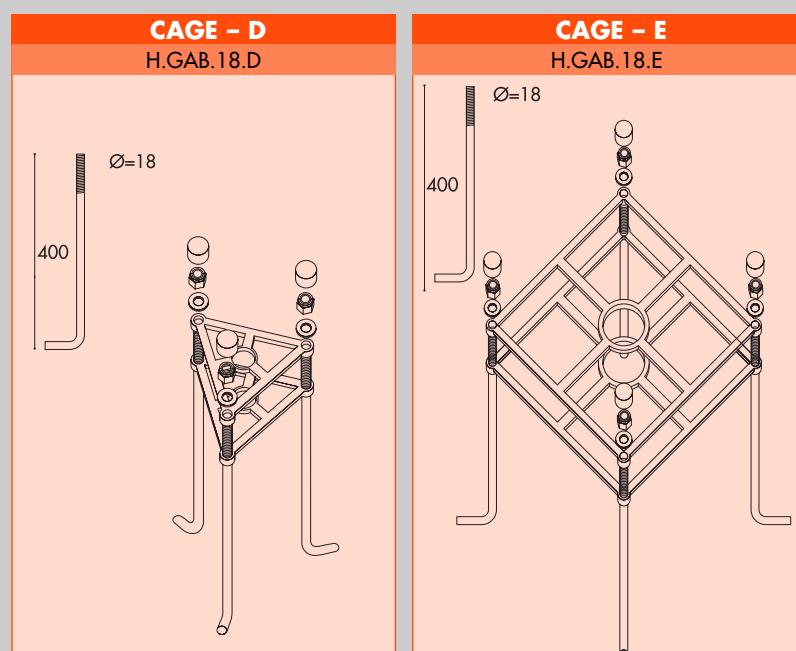
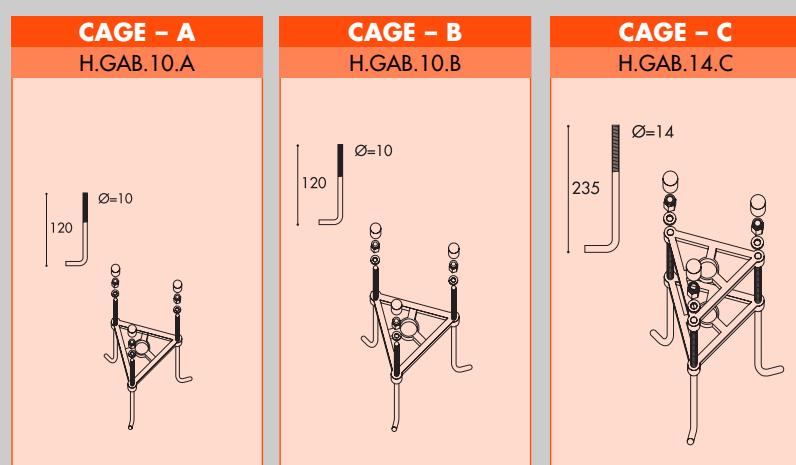
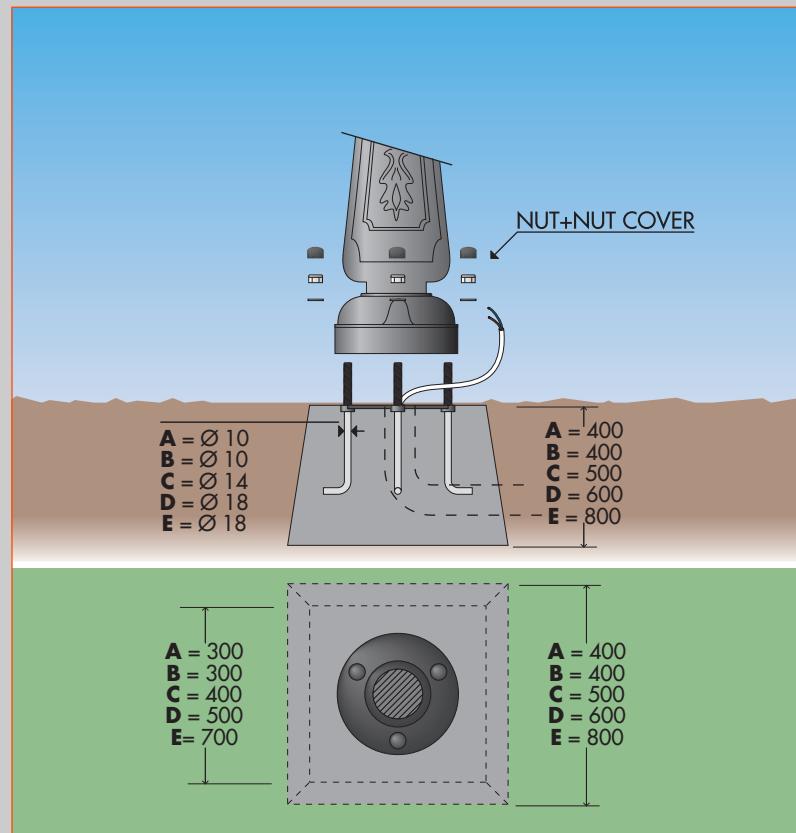
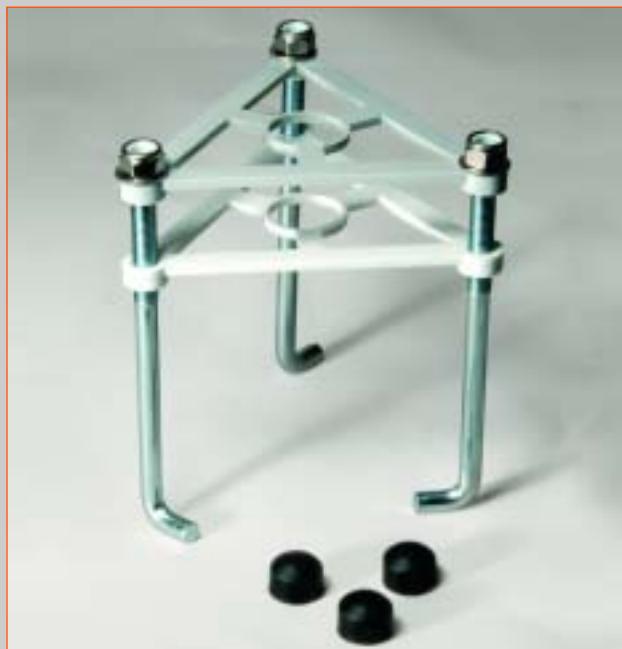


for GIONA posts

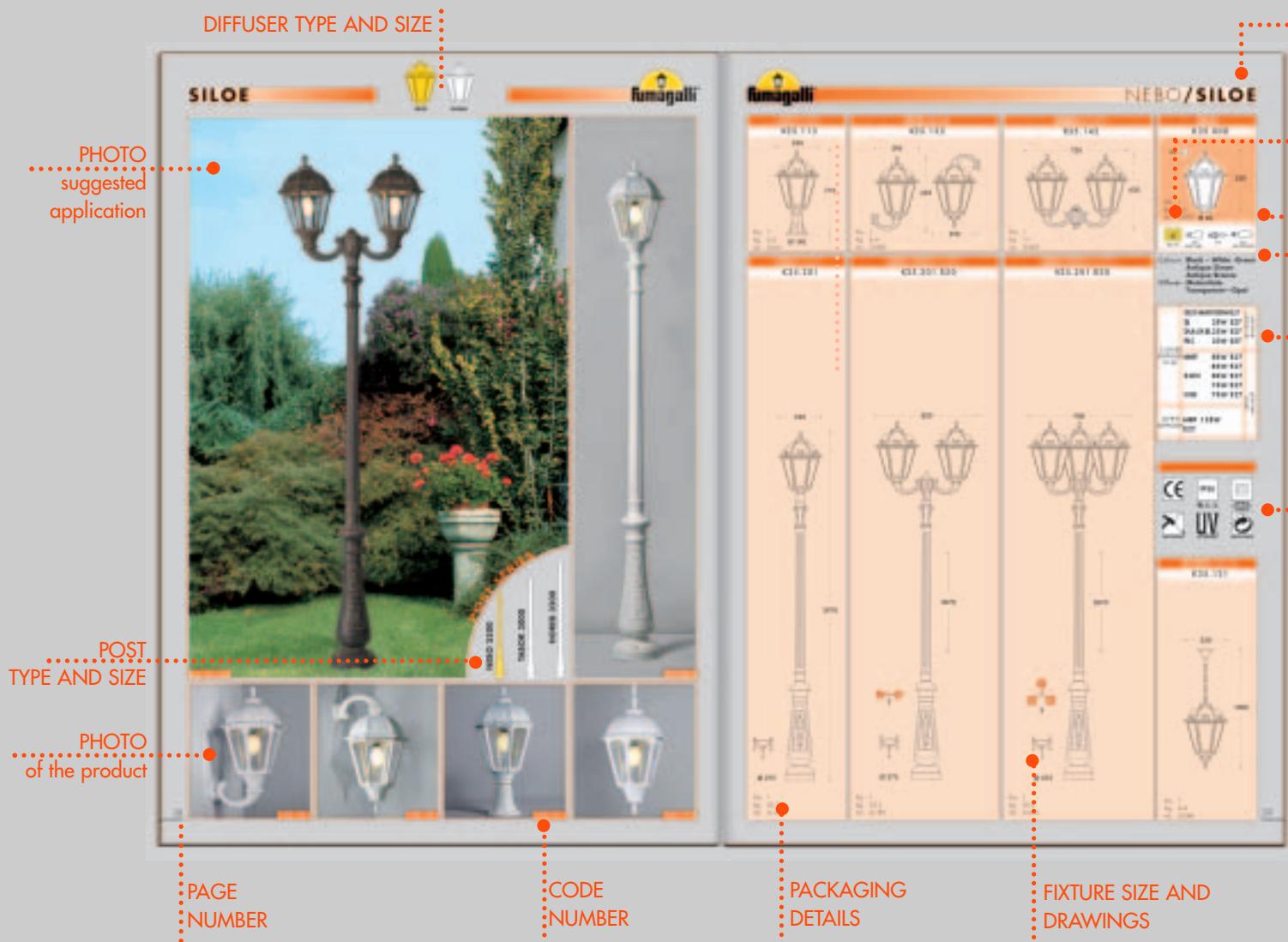


VERY EASY MAINTENANCE: IT'S ENOUGH TO CLEAN THE POST WITH SOME OIL TO KEEP IT AS BRIGHT AS NEW.

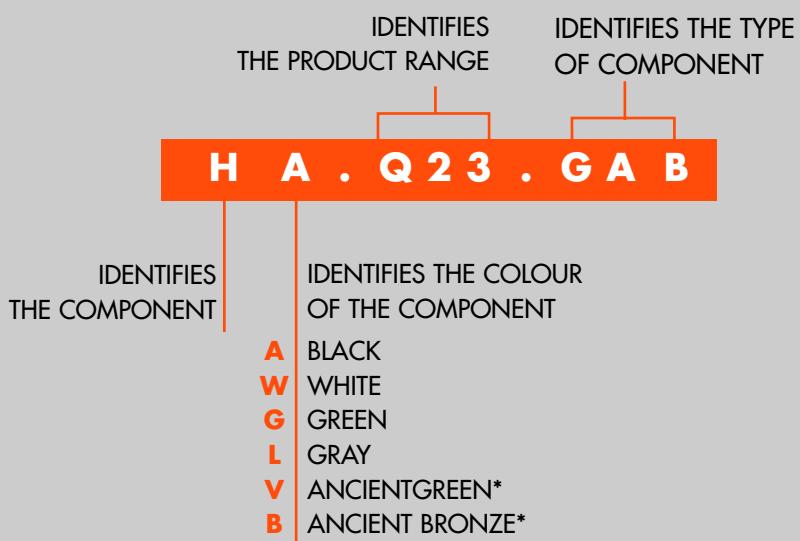




# How to read the catalogue



## COMPONENTS CODE



\* Painted colours

DIFFUSER  
NAME

PHOTOMETRIC DATA

DIFFUSER SIZE

COLOURS AVAILABLE

VERSIONS  
AVAILABLE

MARKS AND  
CERTIFICATIONS



Comply with the EC 89/336/EEC and  
ce 72/23/EEC



Protection against solid  
bodies Ø > 1 mm only and water spray



Protection against dust and water jets.



Class II fixture (double insolation) no  
grounding required



made in vandal resistant materials



Fixture manufactured with materials stabilised against the  
U.V. rays. Antiyellowing



Fixture manufactured in materials that can be recycled



Light fixture suitable for post top installation



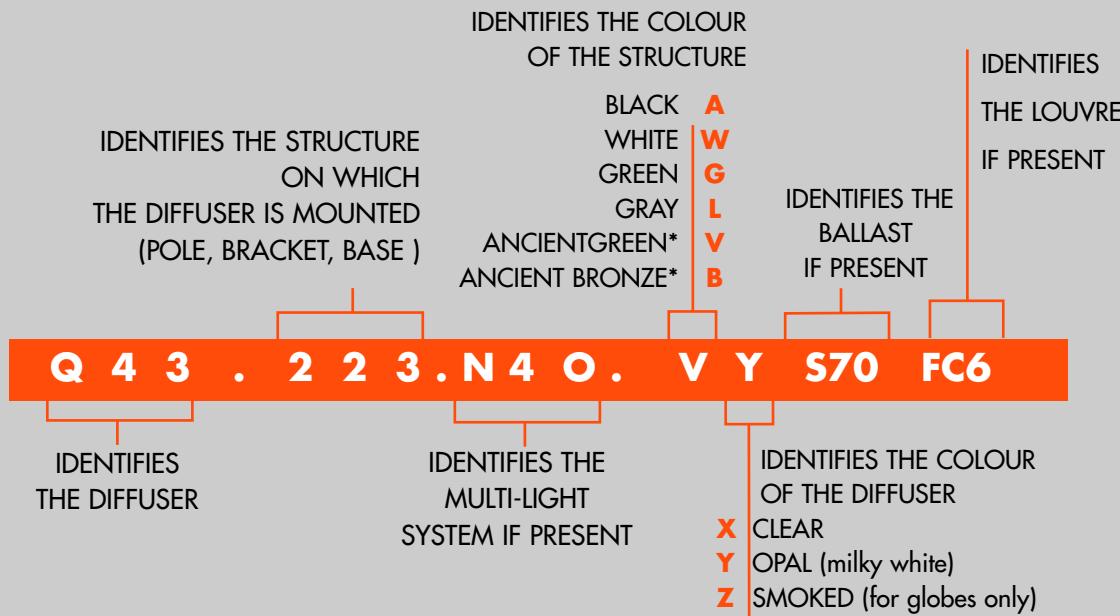
Light fixture suitable for wall installation



Light fixture suitable for hanging installation

## How to read the codes

### ASSEMBLED LAMPS CODE



\* Painted colours

**SMALL SIZE**

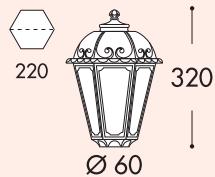
**MEDIUM SIZE**

**LARGE SIZE**

**GRAND SIZE**

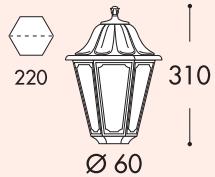
**SABA**

K22.000



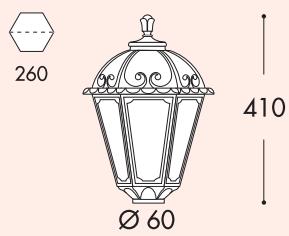
**ANNA**

E22.000



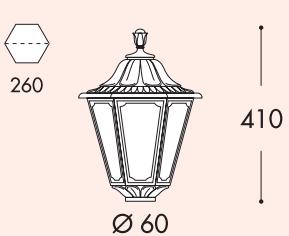
**SALEM**

K26.000



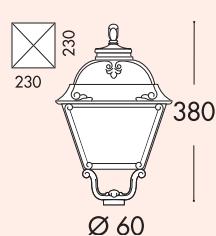
**RUT**

E26.000



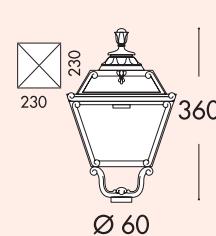
**CEFA**

U23.000



**GOLIA**

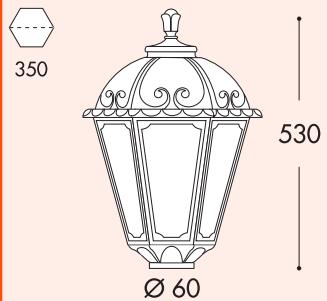
Q23.000



**SILOE**

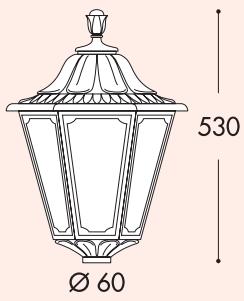
K35.000

WITH CEILING PLATE



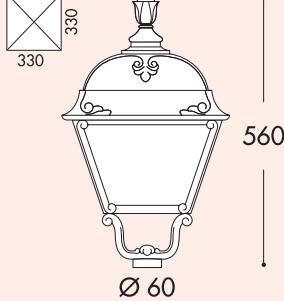
**NOEMI**

E35.000



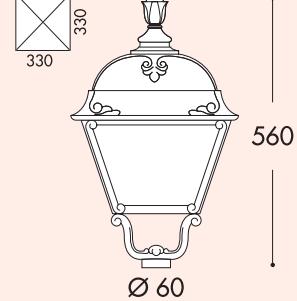
**SIMON**

U33.000



**TOBIA**

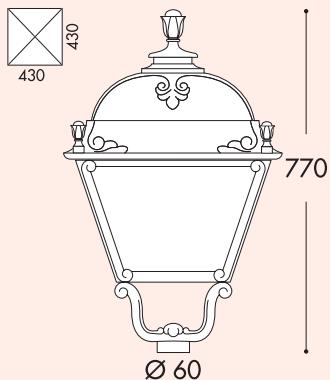
Q33.000



**PIETRO**

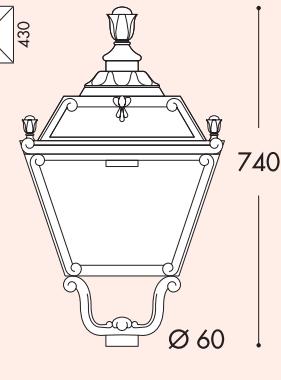
U43.000

WITH CEILING PLATE



**ELIA**

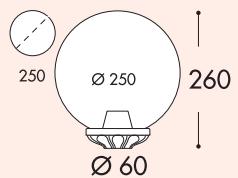
Q43.000



# CLASSIC DIFFUSER RANGE

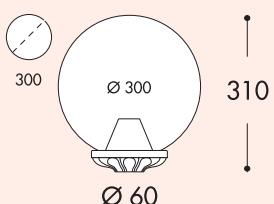
**GLOBE 250**

G25.B25



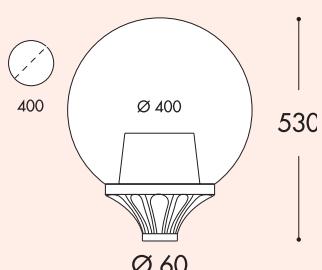
**GLOBE 300 CLASSIC**

G30.B30



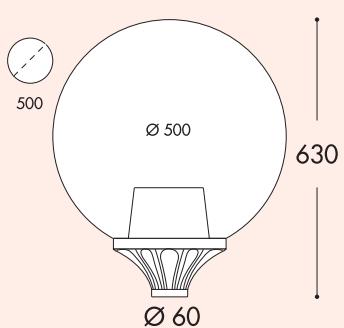
**GLOBE 400 CLASSIC**

G40.B40



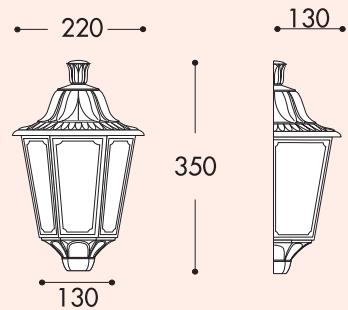
**GLOBE 500 CLASSIC**

G50.B50



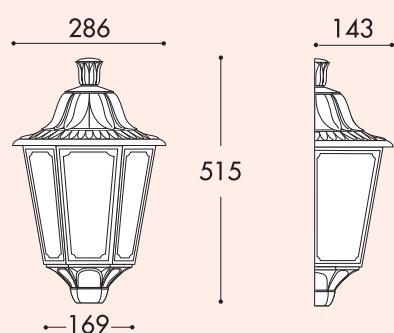
**IESSE**

M22.000



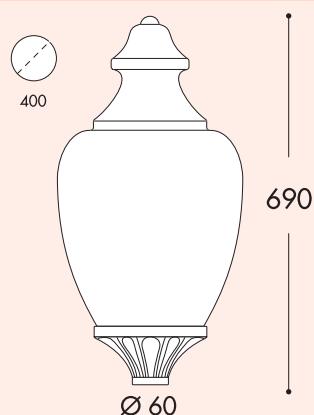
**DARIA**

M28.000



**CANA 500**

C50.B50



WITHOUT DOOR  
WITH DOOR  
WITH DOOR AND BOX

Each post is supplied with the suitable cage or screws for fixation

Colours available for the classic range are the following:

Moulded: Black - White - Green

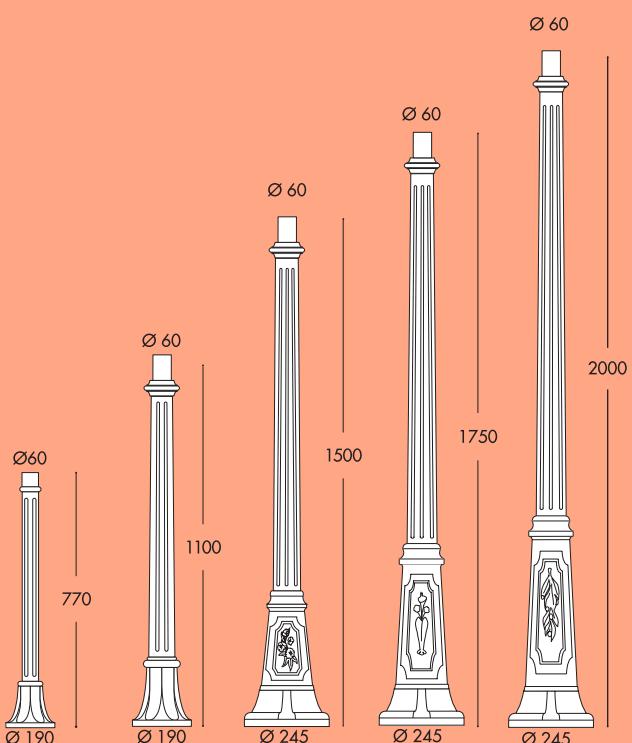
Painted: Antique Green - Antique Bronze

<b>MIKROLOT</b>	<b>MINILOT</b>	<b>LOT</b>
H.110	H.111	H.113
 Ø60 Ø130	 Ø60 Ø150	 Ø60 Ø190

<b>MIZAR.R</b>	<b>ALOE.R</b>	<b>ARTU'</b>	<b>GIGI</b>	<b>RICU</b>
000.151	000.163	000.158	000.156	000.157

resin resin exp.resin & steel exp.resin & steel exp.resin & steel

NO POSSIBLE DOOR

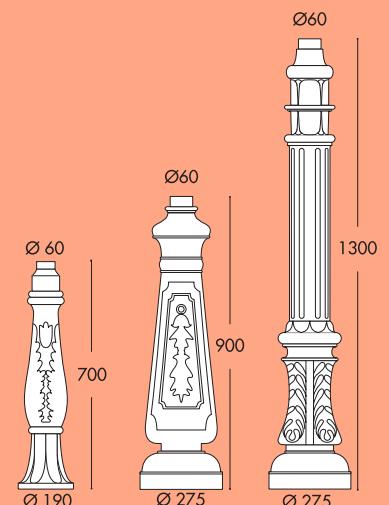


screws cage type A cage type B cage type B cage type B

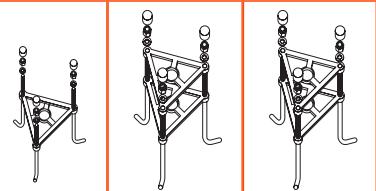
<b>IAFET.R</b>	<b>ERMON.R</b>	<b>MILLO</b>
000.162	000.195	000.197

resin resin exp.resin & steel

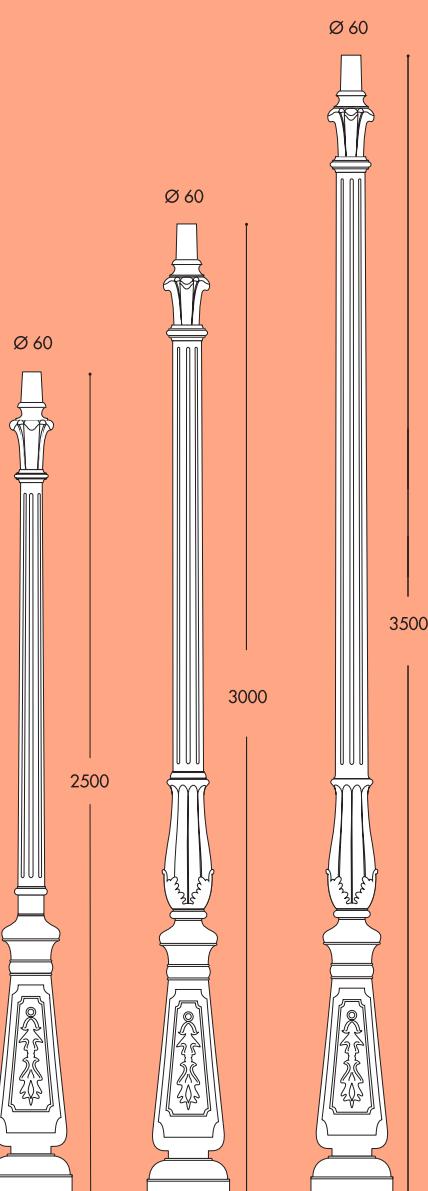
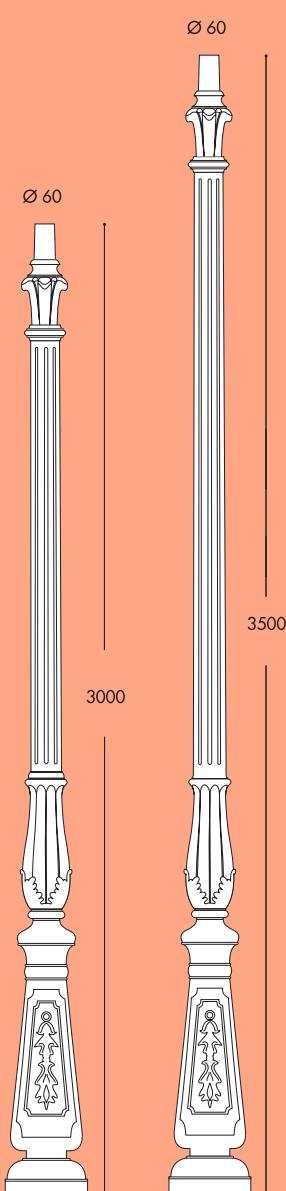
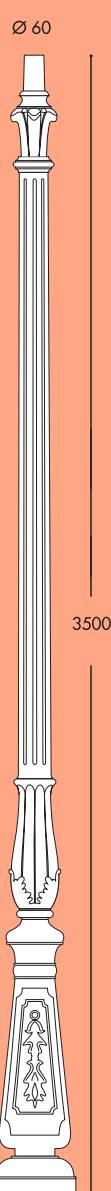
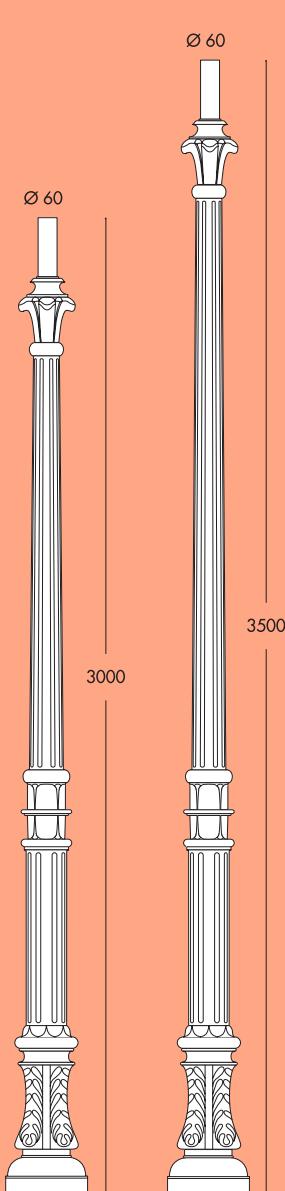
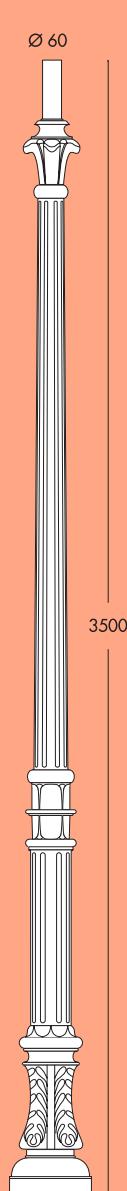
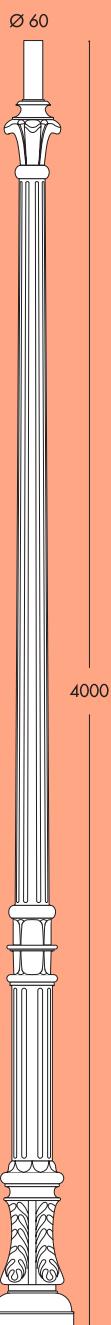
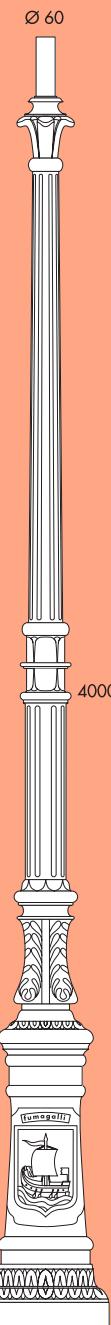
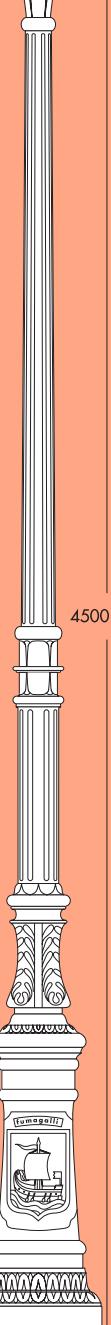
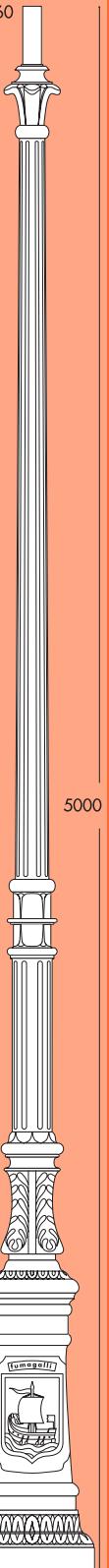
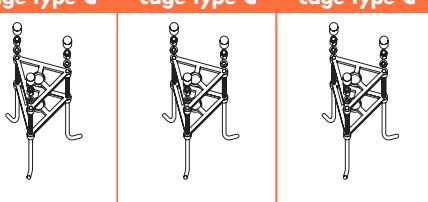
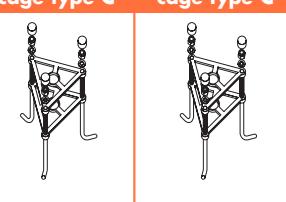
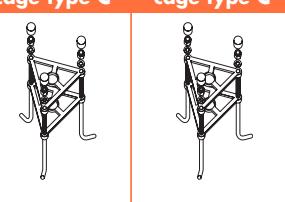
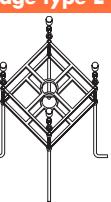
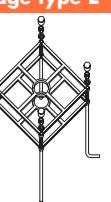
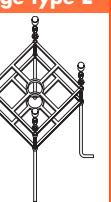
NO POSSIBLE DOOR



cage type A cage type C cage type C

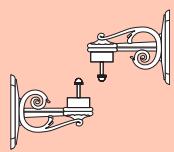


# CLASSIC POLES

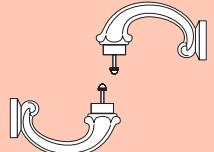
NEBO	TABOR	HOREB	KARMEL 3000	KARMEL 3500	KARMEL 4000	GIONA 4000	GIONA 4500	GIONA 5000
000.201	000.204	000.207	000.231	000.234	000.237	000.221	000.224	000.227
000.202	000.205	000.208	000.232	000.235	000.238	000.222	000.225	000.228
000.203	000.206	000.209	000.233	000.236	000.239	000.223	000.226	000.229
expanses, resin & steel			expanses, resin & steel			expanses, resin & steel		
DOOR IS OPTIONAL			DOOR IS OPTIONAL			DOOR IS OPTIONAL		
								
Ø 60	Ø 60	Ø 60	Ø 60					
2500	3000	3500	3000	3500	4000	4000	4500	5000
Ø 275	Ø 400	Ø 400	Ø 400					
cage type C	cage type E	cage type E	cage type E					
								

**SMALL SIZE**
**MEDIUM SIZE**
**LARGE SIZE**
**GRAND SIZE**
**BISSO  
WALL BRACKET**
**OFIR  
WALL BRACKET**
**ADAM  
WALL BRACKET**
**ARON  
WALL BRACKET**
**BISSO**

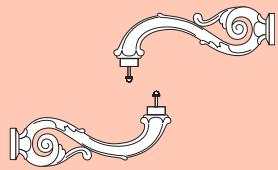
H.131.WAL


**OFIR**

H.132.WAL


**ADAM**

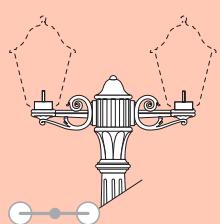
H.171.WAL


**ARON**

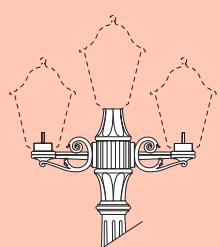
000.172

**BISSO SYSTEM**
**BISSO SYSTEM 2L**

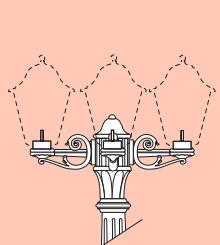
000.000.S20


**BISSO SYSTEM 2+1**

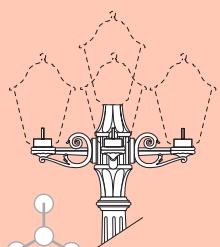
000.000.S21


**BISSO SYSTEM 3L**

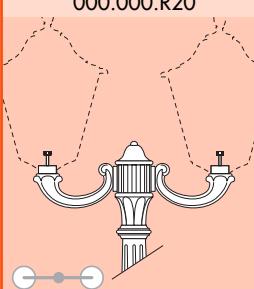
000.000.S30


**BISSO SYSTEM 3+1**

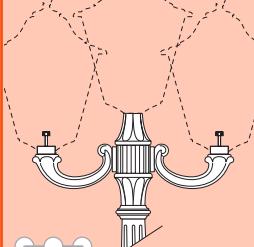
000.000.S31


**OFIR SYSTEM**
**OFIR SYSTEM 2L**

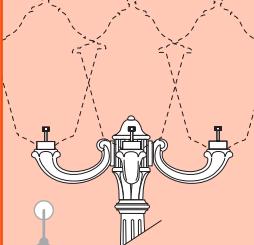
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**OFIR SYSTEM 2+1**

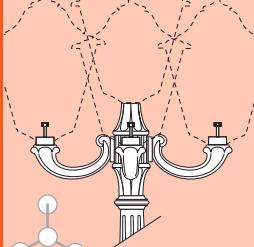
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**OFIR SYSTEM 3L**

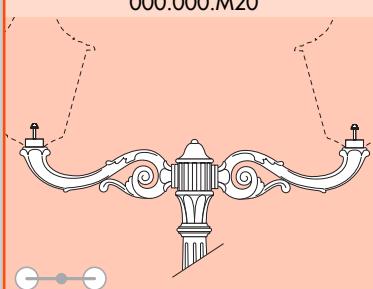
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**OFIR SYSTEM 3+1**

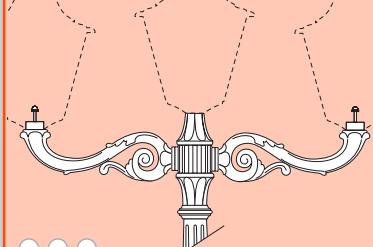
000.000.R31


**ADAM SYSTEM**
**ADAM SYSTEM 2L**

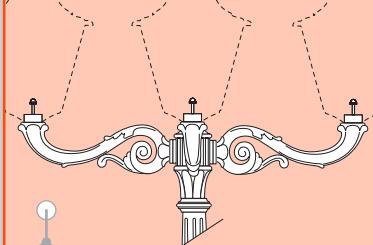
000.000.M20


**ADAM SYSTEM 2+1**

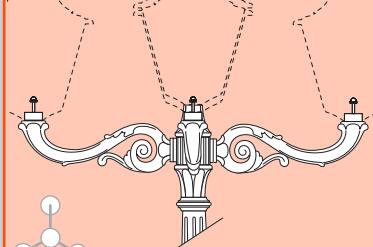
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**ADAM SYSTEM 3L**

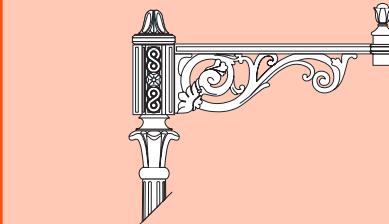
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**ADAM SYSTEM 3+1**

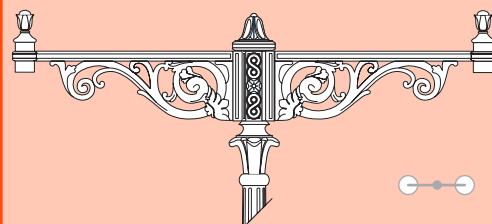
000.000.M31


**ARON SYSTEM**
**ARON SYSTEM 1L**

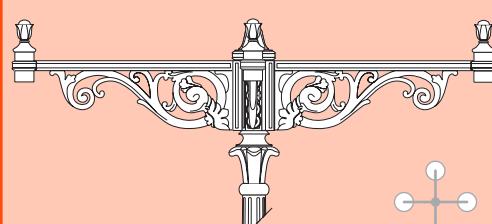
000.000.N10


**ARON SYSTEM 2L**

000.000.N20


**ARON SYSTEM 4L**

000.000.N40



# References

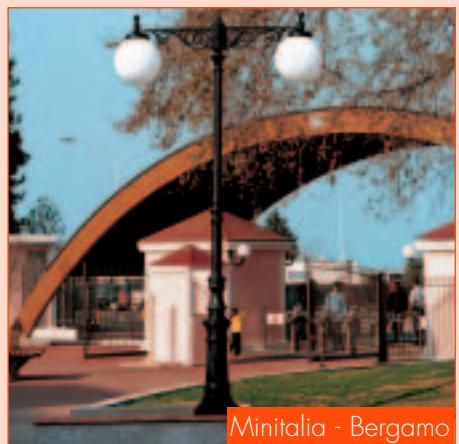
## ENGLAND



## IRELAND



## ITALY

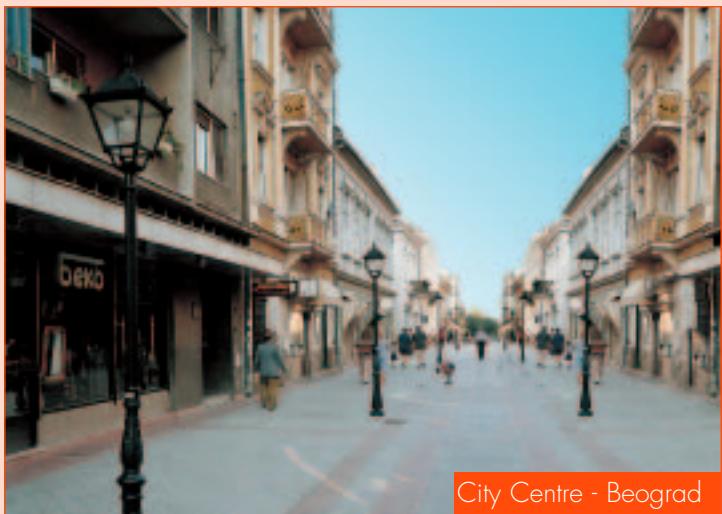


Minalita - Bergamo

## GREECE



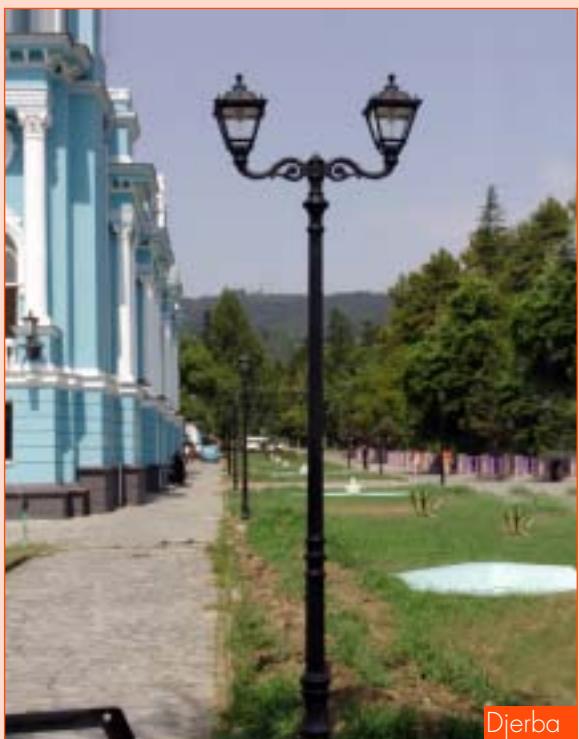
## YUGOSLAVIA



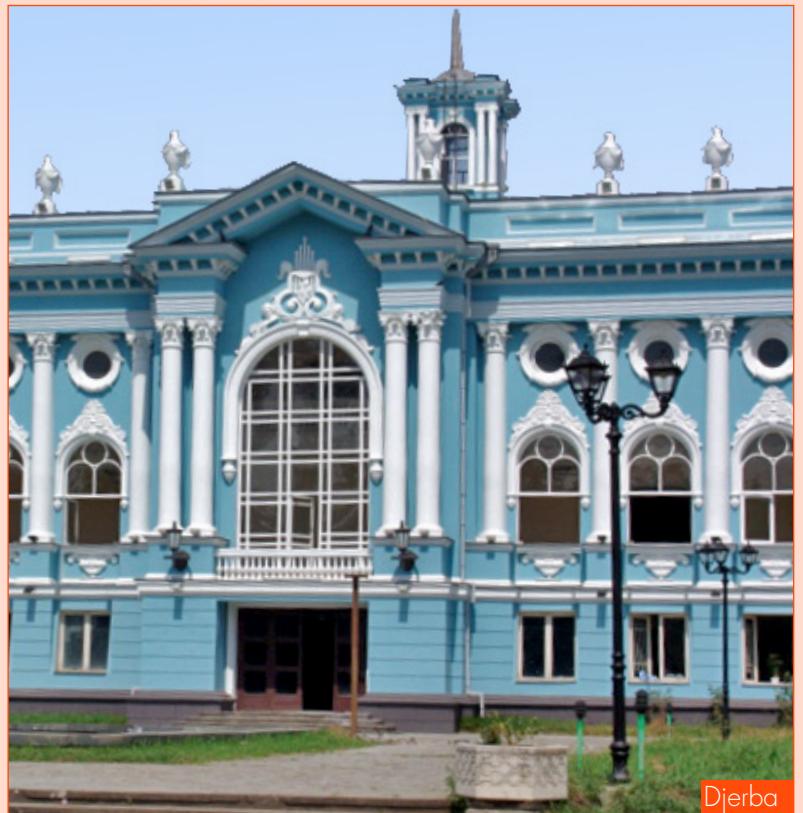
City Centre - Beograd



## GEORGIA

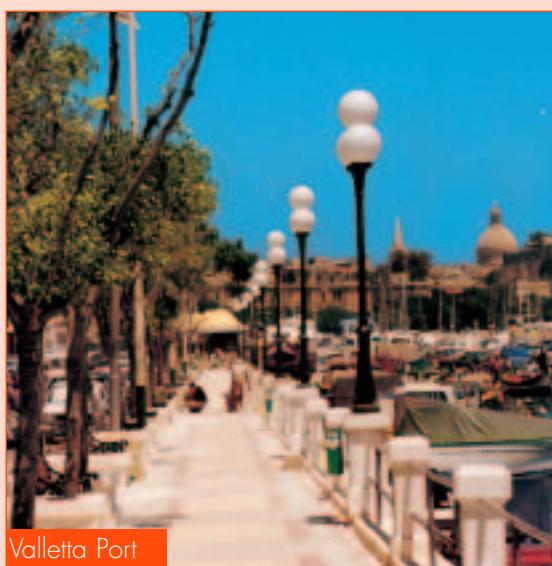
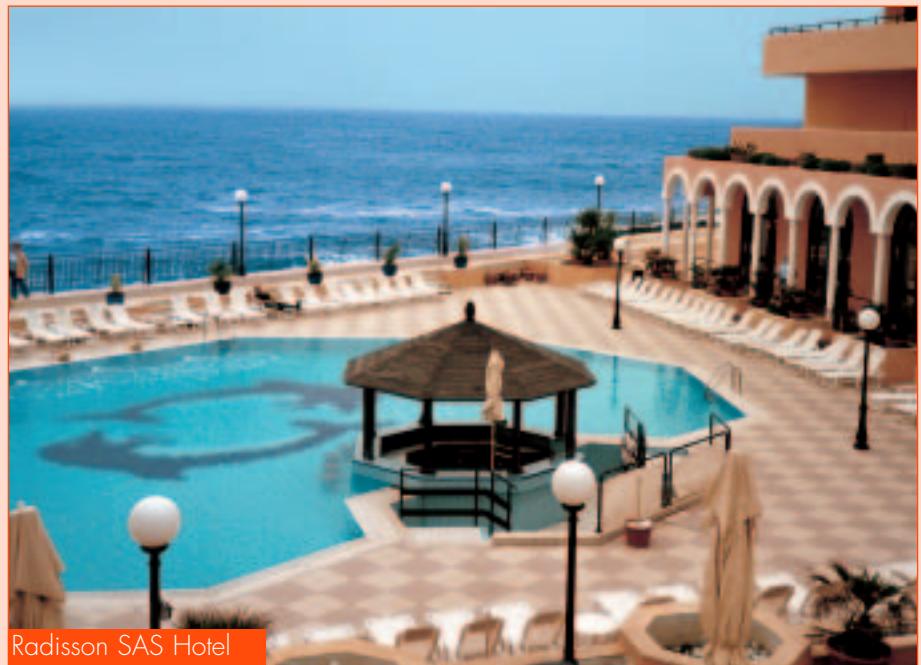


Djerba

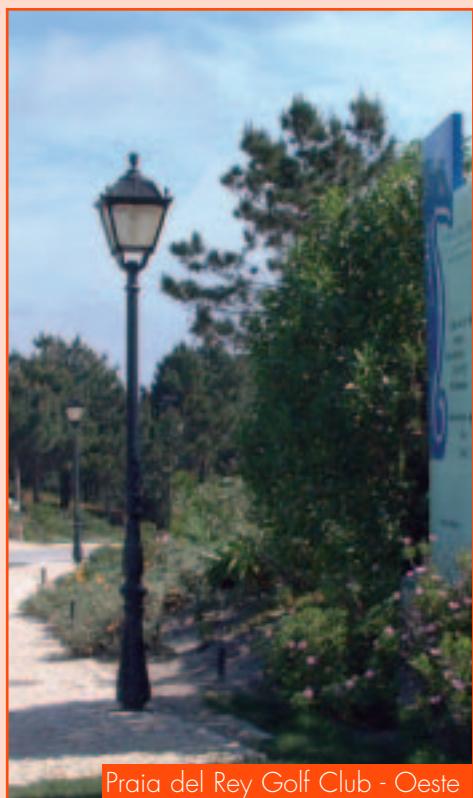


Djerba

# MALTA



## **PORTUGAL**

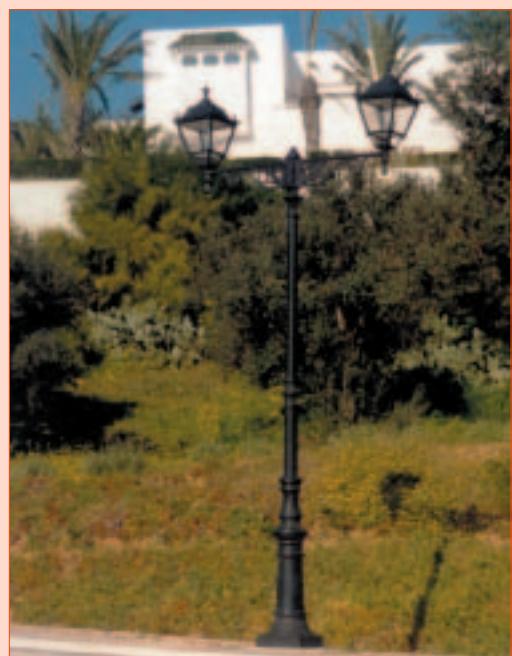


Praia del Rey Golf Club - Oeste



Porto Covo

## **TUNIS**

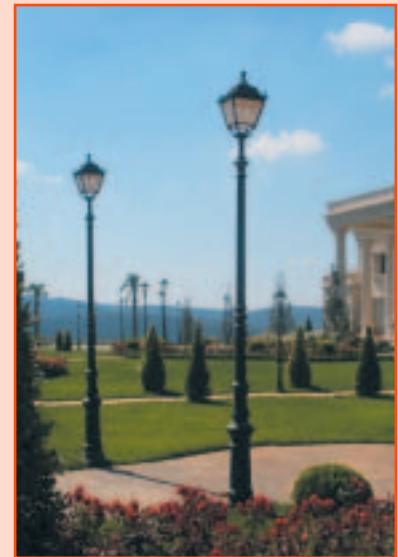


President's House

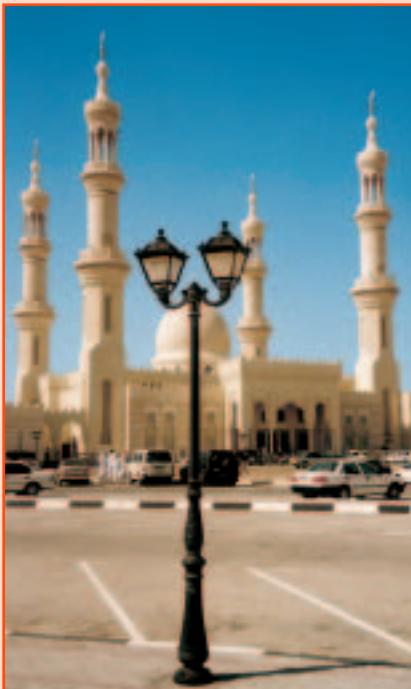
## LEBANON



Beirut - City Centre



## U.A.E.



## BAHRAIN



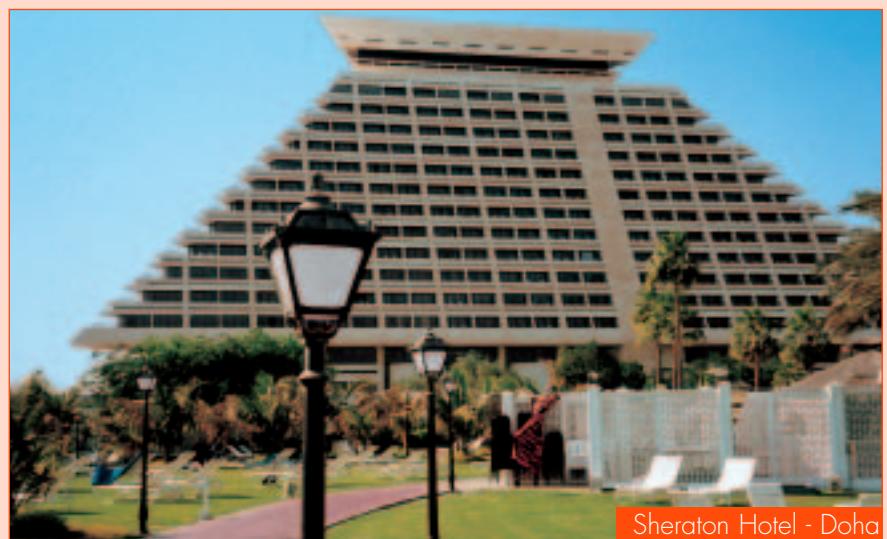
# QATAR



House of Minister of Education



Doha - Cornice



Sheraton Hotel - Doha

# SAUDI ARABIA



## OMAN



Ministry of Justice - Muscat



## MALAYSIA



## THAILAND



## PHILIPPINES



Intramuros - Manila



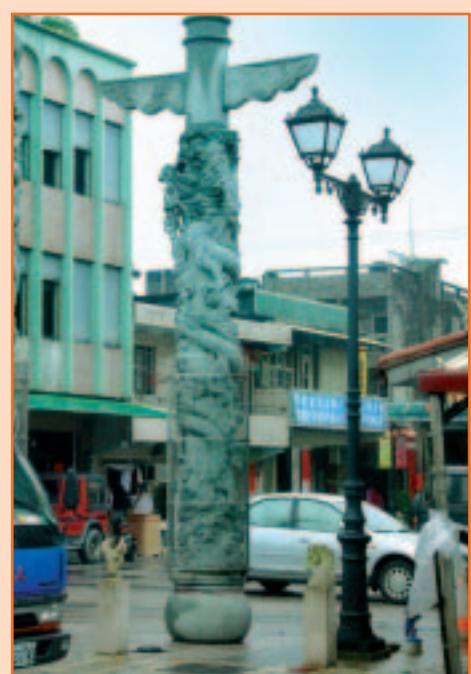
Roxas Boulevard - Manila



## TAIWAN



Elementary school - Kaohsiung



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