

# RESIN PROJECT LIGHTING

## 2010

### MODERN RANGE



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





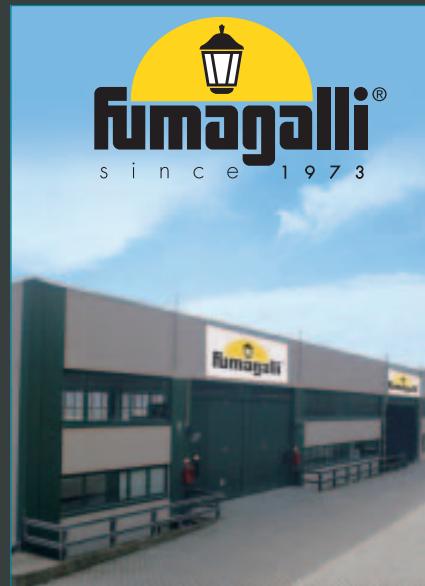
**years of history**



**1973** 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** 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.

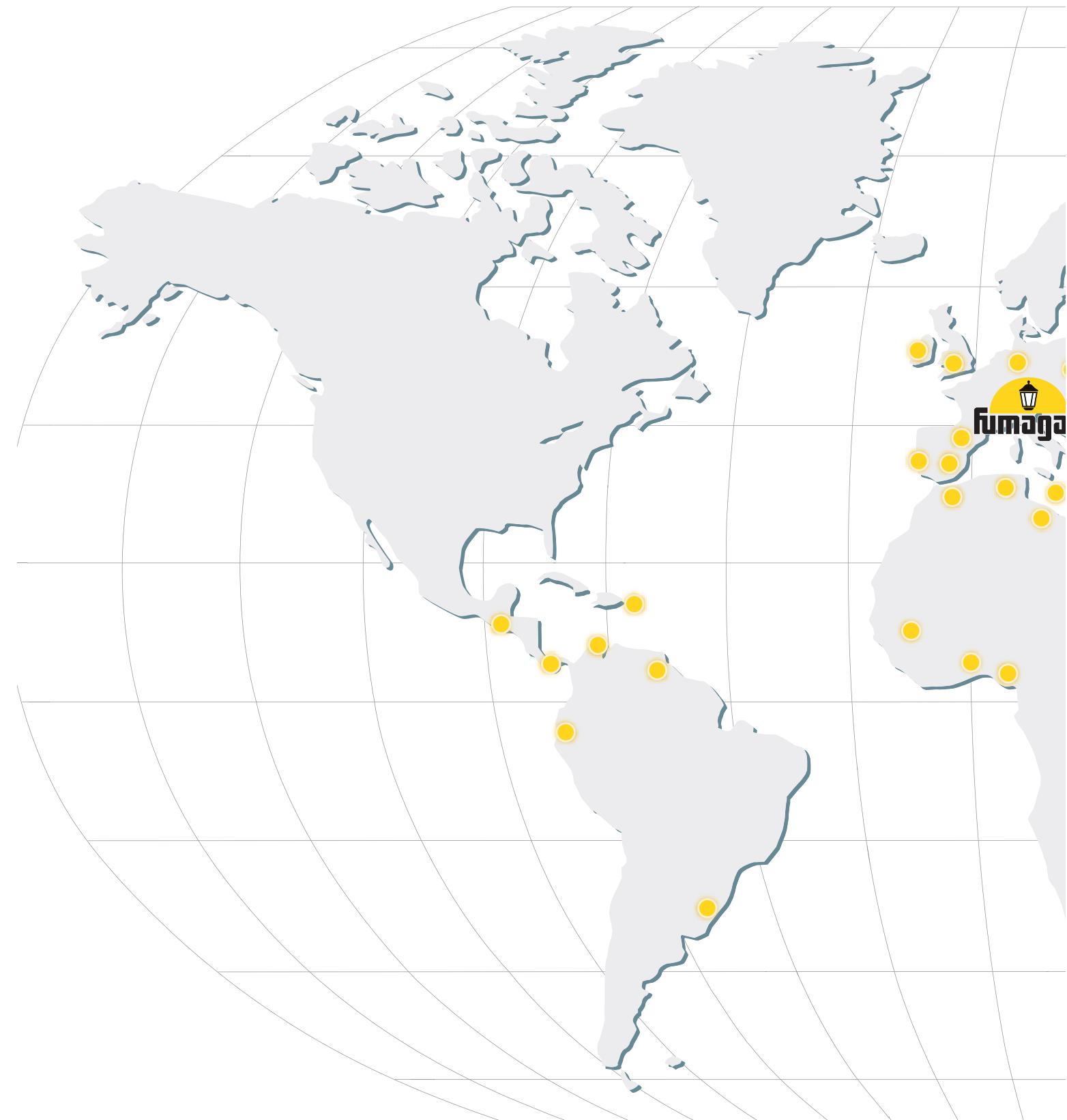


**1999** Fumagalli family decides to turn the individual company into a limited company, going on with the manufacturing of "composite material" outdoor lighting fixtures. The articles range increased thanks to the creation of many new models and the production capacity was multiplied by the use of computerized 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.

**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.

**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.

**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.



# 57 EXCLUSIVE DISTRIBUTORS

all over the world



# Corporate Management

## Geom. Giancarlo Fumagalli

Managing Director

*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.*

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



## Dr. Marisa Rabuffetti

Finance Director

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

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



## Dr. Chiara Fumagalli

Developing Dept. Manager

*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.*

Laureata all'università di Milano in filosofia, è diplomata in lingue straniere: scrive e parla italiano, inglese, tedesco e francese.

## Arch. Paolo Fumagalli

Technical Dept. Manager

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



## Dr. Emmanuele Fumagalli

Assistant General Manager  
Human Resources Manager

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

*He speaks Italian and English.*  
Laureato in Giurisprudenza all'università di Milano con specializzazione in diritto internazionale  
Parla italiano e inglese.

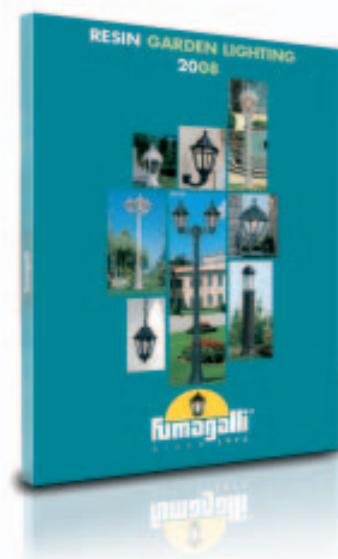
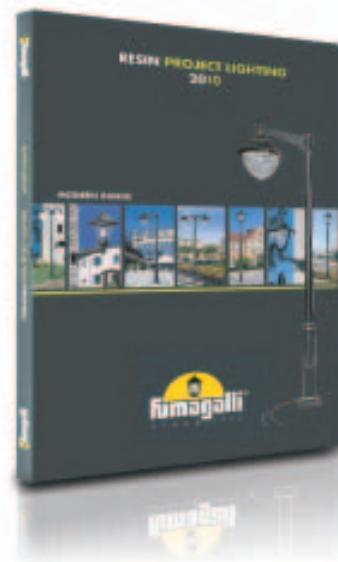
With great pleasure we'd like to introduce you the new edition of our catalogue "**Resin Project Lighting Modern Range 2010**", entirely dedicated to our modern range for semi-public and urban projects.

We remind you that are at your disposal also the Fumagalli catalogues "**Resin Garden Lighting 2008**" for residential lighting and "**Resin Project Lighting Classic Range 2009**" dedicated to our classic range for private, 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)

*E' con grande piacere che vi presentiamo la nuova edizione del nostro catalogo "**Resin Project Lighting Modern Range 2010**", interamente dedicato alla nostra linea moderna per progetti semi pubblici e urbani.*

*Vi ricordiamo inoltre che sono disponibili i cataloghi Fumagalli "**Resin Garden Lighting 2008**" per illuminazione residenziale e "**Resin Project Lighting Classic Range 2009**" dedicato alla nostra linea in stile classico per progetti privati, semi pubblici, urbani. Non esitate a richiederceli all'indirizzo e-mail [chiarafumagalli@fumagalli.it](mailto:chiarafumagalli@fumagalli.it).*



**p.4**



## COMPANY PROFILE

**p.4**

**p.16**



## POST STRUCTURE

**p.16**

# GRAND SIZE

**p.20 ECOVIVI500**



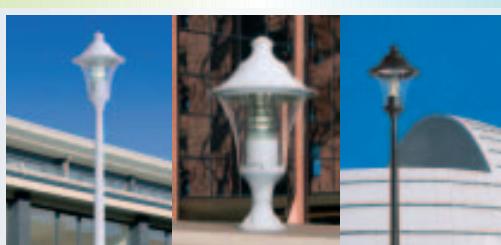
**p.28 VIVI500**



**p.36 BEPPE500**



**p.44 REMO500**



**p.52 GINO500**



**VIVI400 p.70**

**REMO400 p.78**

**GINO400 p.86**

**p.60 GLOBO500**



**GLOBE400 p.94**

# LARGE SIZE

**p.104**



## TECHNICAL DETAILS

**p.104**

**p.110**



## COMPONENTS

**p.110**

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.

*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*





Member of  
**CONFEDERATION OF  
ITALIAN INDUSTRY**

**300mq OFFICE**  
**2700mq PRODUCTION**  
**1500mq ASSEMBLY**  
**1500mq COMPONENTS STOCK**



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.

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

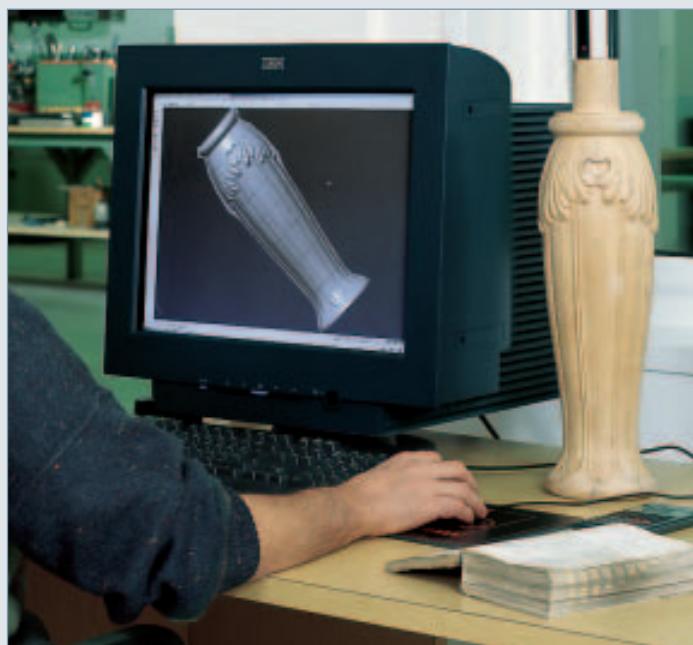
## RESEARCH & DEVELOPMENT Dept.



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

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

## TECHNICAL DESIGN Dept.



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

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

## MOULDS CONSTRUCTION Dept.



### 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.

### 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.*

## MOULDS



## RESIN INJECTION



## RESIN EXTRUSION



## EXPANSE



## POLES MANUFACTURE

### 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.



## BLACK STEEL WELDING

### 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 AND GALVANIZED POLES STOCK



## MATERIALS HANDLING



### 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.

### 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.*

## COMPONENTS STOCK



## READY POLES STOCK

**New stock for projects poles to ensure quick deliveries**

3200 black poles 2.5mt, 3mt, 4mt, 5mt high



## ASSEMBLY AND ELECTRIFICATION

### Assembly department

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

### 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.*



**CARTON STOCK****PACKING****GOODS READY FOR SHIPMENT**



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.

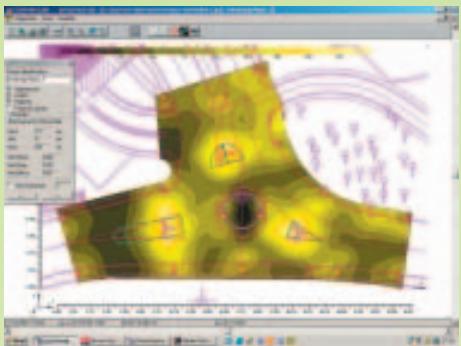
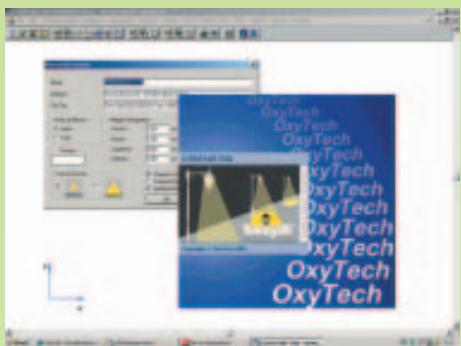
*Tutti i prodotti Fumagalli sono fabbricati secondo le più aggiornate norme e standard internazionali e sono marcati CE, in modo da assicurare ai nostri clienti in tutto il mondo i più alti livelli di qualità nel pieno rispetto dell'ambiente e delle persone.*

*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*

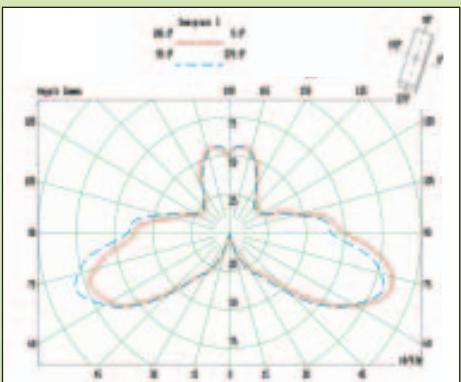
*C-UL-US, essendo conformi agli standard statunitensi UL1598 per apparecchi illuminanti e agli standard canadesi CSA C22.2 No. 250.0*

*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.*

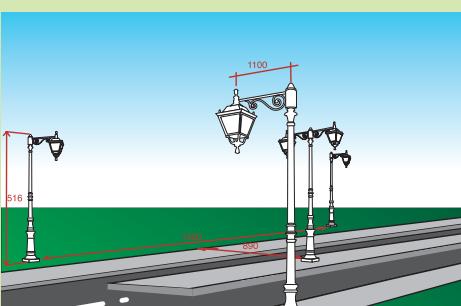




Lighting calculation software



Photometric archive



Environmental simulations



Static and wind load calculations

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:

- **photometric data** 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 the electronic catalogue of all the range.

**Our company 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 is now possible to download the lighting software with the photometric datas and the technical specifications of all Fumagalli luminaries.**

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**

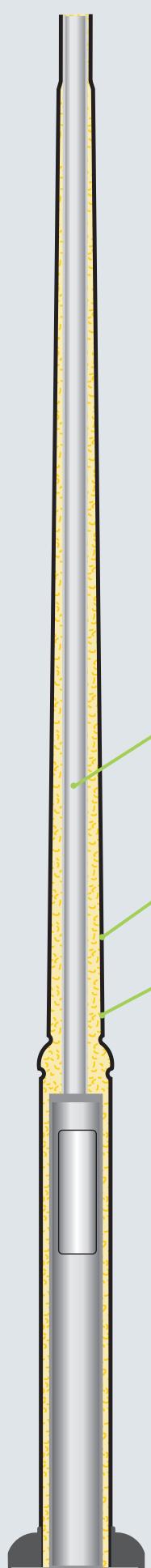
Il nostro software per calcoli illuminotecnica, tradotto in 11 lingue, è a disposizione di tutti i lighting designers che ne facciano richiesta e include i dati tecnici e fotometrici dell'intera gamma dei prodotti Fumagalli assieme al catalogo elettronico dei prodotti stessi.

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

**E' ora 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.**



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



## STEEL POST COVERED BY RESIN

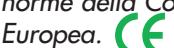
Our unique production system offers many advantages; infact our lamps are:

- 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.



Questo 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.



### STEEL STRUCTURE

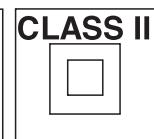
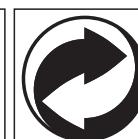
HOT DIP GALVANIZED INSIDE AND OUTSIDE BY ZINC BATH IMMERSION

### EXPANSE

STIFF POLYURETHANE

### OUTER RESIN

POLE OF A SINGLE PIECE MADE OF SHOCKPROOF POLYMER MOULDED COLOURS IN PASTE UV-RAY STABILIZED SELF EXTINGUISHING ON FIRE NO CHEMICAL AGENTS CORROSION

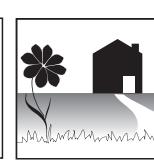
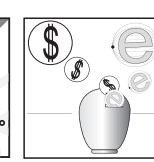
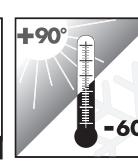
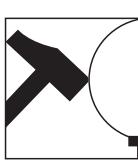


RECYCLABLE

UV TREATED

CLASS II

DOUBLE INSULATION



ANTI-SHOCK

TEMPERATURE

ENERGY SAVING

RESIDENTIAL

PUBLIC



**MORE THAN 7800  
POSSIBLE COMBINATIONS**



## NO MAINTENANCE



## ANTI CORROSION



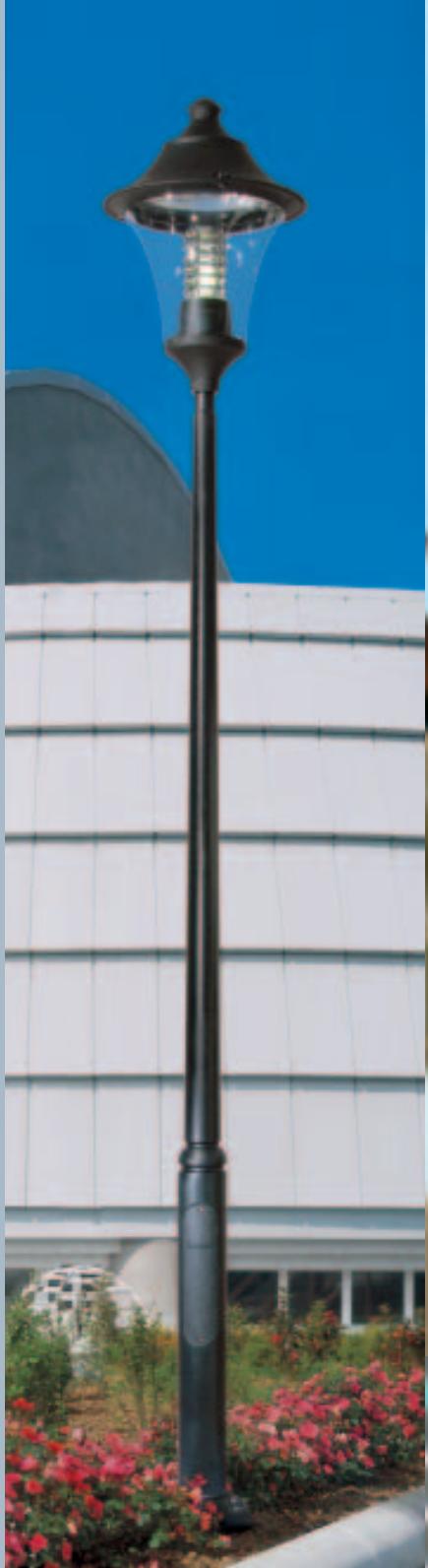
## UV - RAY STABILIZED



## DOUBLE INSULATION



# GRAND SIZE





**NEW**

# ECOVIVI 500



ECOVIVI 500

**fumagalli®**

**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST, WALL AND HANGING INSTALLATION. INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING, HORIZONTAL BULB OR EQUIPPED WITH LED PLATE.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA. IDONEO PER IL MONTAGGIO A PALO, PARETE E A SOSPENSIONE. CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO, LAMPADINA ORIZZONTALE O EQUIPAGGIATO CON PIATTO A LED.

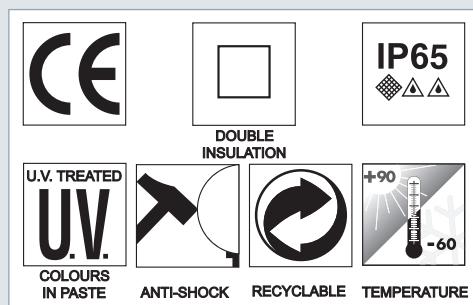
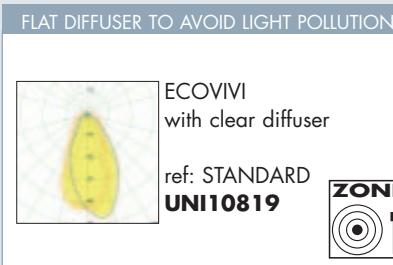
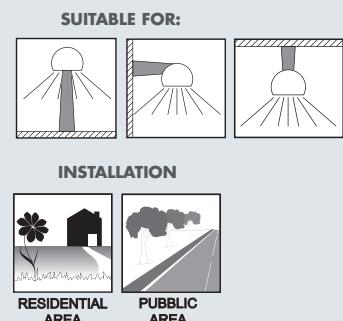


## E27-E40 VERSION



### DIMENSIONS AND WEIGHT

Height 600 mm  
Width Ø 300 mm.  
Weight: 4,6 Kg  
(excluding electrical components)  
Junction to the support:  
diameter 60 mm  
AREA EXPOSED TO WIND PRESSURE  
 $CxS = 0,0982 \text{ m}^2$



### DIFFUSER COLOUR



## ECOVIVI 500

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

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

2- High temperature resistant **ceiling** made in white polycarbonate (PC), UV rays stabilized.

On its upper seat can be fixed the driver and on its lower side can be seated a cylindrical heatsink made of concentric aluminium thin plates.

**Soffitto** realizzato in policarbonato bianco (PC) ad alta resistenza al calore, stabilizzato ai raggi UV, nella cui parte superiore viene fissato l'alimentatore e nella cui parte inferiore viene alloggiato un dissipatore di calore di forma cilindrica a lamelle di alluminio concentriche.

3- Aluminium **round plate** Ø 338mm, provided with 55 LED x 1W each with lens allowing an openness of the luminous flux of 80°. Radial setting of the luminous sources to allow a uniform light distribution.

The luminaires luminous flux is of 3200 lm.

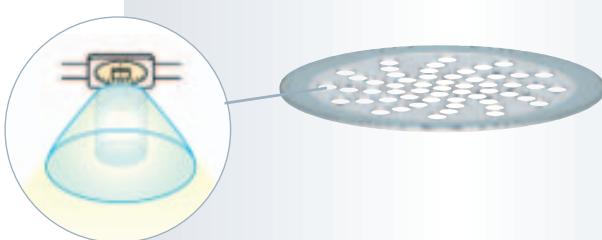
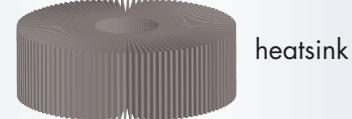
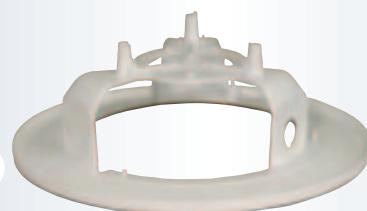
**Piatto circolare** di alluminio diam. 338mm con alloggiati nr. 55 LED da 1W ciascuno con lenti che consentono un'apertura del fascio luminoso di 80°. Disposizione a raggiera delle sorgenti luminose per permettere una uniforme distribuzione della luce. Flusso luminoso dell'apparecchio 3200 lm.

4- Clear **diffuser** with flat shape to avoid the skyward dispersion of the luminous flux, according to the international regulations against light pollution and in particular the standard UNI 108119.

**Diffusore** trasparente con configurazione piatta per evitare la dispersione verso il cielo del flusso luminoso, in ottemperanza alle norme internazionali sull'inquinamento luminoso ed in particolare sanna norma UNI 10819.

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaries diffuser.

**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio.



## ECOVIVI 500

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

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

2- High temperature resistant **ceiling** made in white polycarbonate (PC), UV rays stabilized, suitable for ballast fixation on its upper side and provided with lampholder seat on its lower side, suitable to fix the bulb in horizontal position.

**Soffitto** realizzato in policarbonato bianco (PC) ad alta resistenza al calore, stabilizzato ai raggi UV, nella cui parte superiore possono essere fissati gli ausiliari elettrici e nella cui parte inferiore si trova l'alloggiamento del portalampada atto a sostenere la lampadina in posizione orizzontale.

3- Parabolic **reflector** made in anodized aluminium, fixed under the polycarbonate ceiling, designed to optimize the light distribution.

**Parabola** riflettente realizzata in alluminio anodizzato, alloggiata all'interno del soffitto in policarbonato, progettata per ottimizzare la distribuzione del flusso luminoso.

4- Clear **diffuser** with flat shape to avoid the skyward dispersion of the luminous flux, according to the international regulations against light pollution and in particular the standard UNI 108119.

**Diffusore** trasparente con configurazione piatta per evitare la dispersione verso il cielo del flusso luminoso, in ottemperanza alle norme internazionali sull'inquinamento luminoso ed in particolare sanna norma UNI 10819.

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaires diffuser.

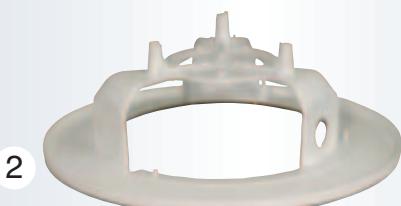
**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio



1



ballast kit



2



3

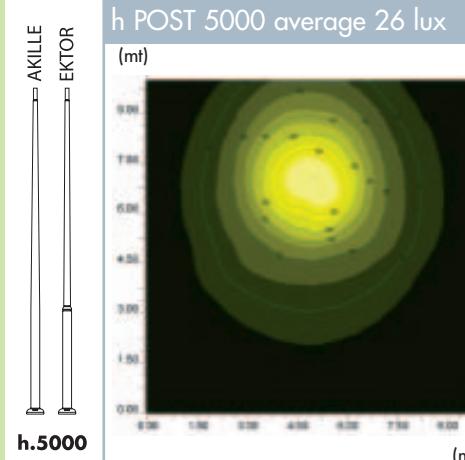
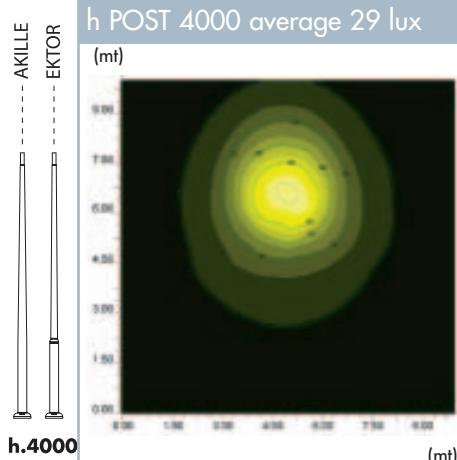
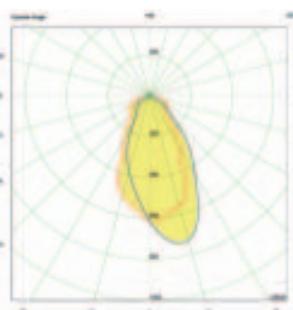


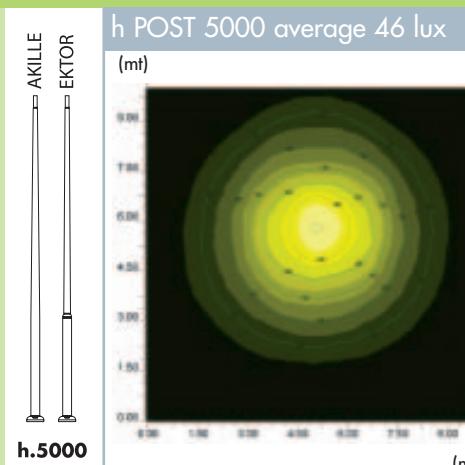
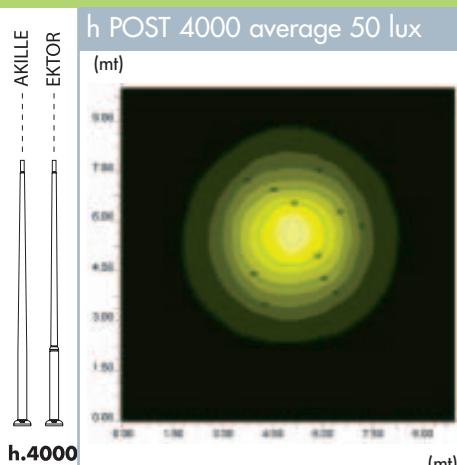
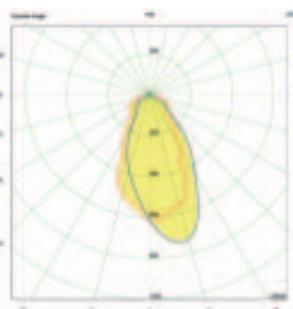
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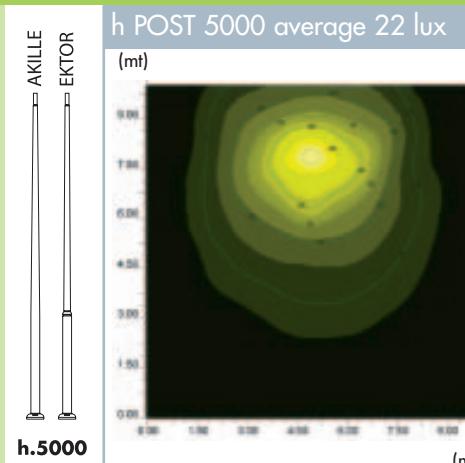
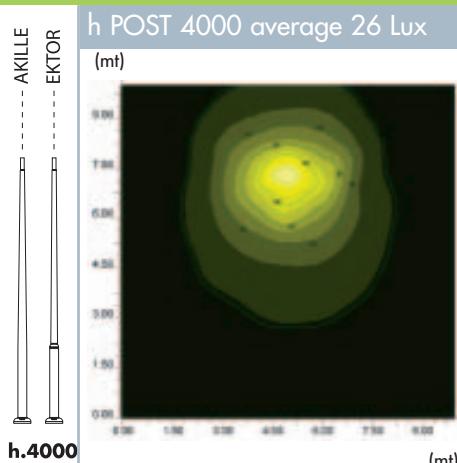
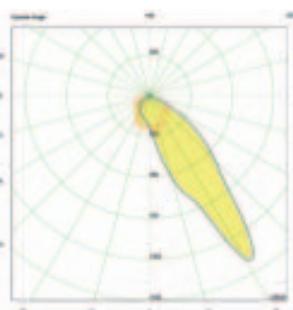


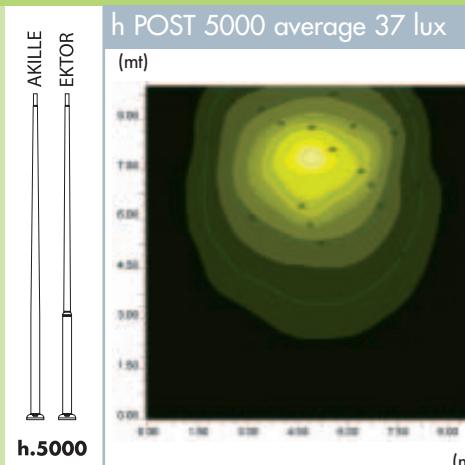
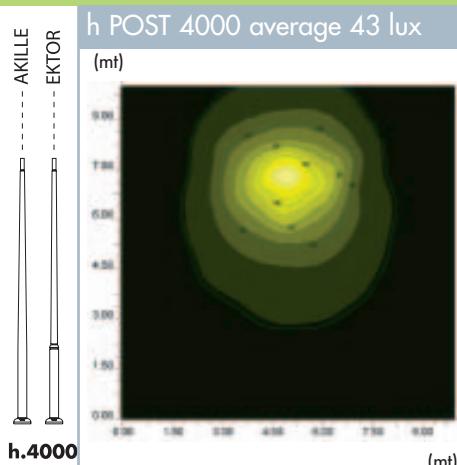
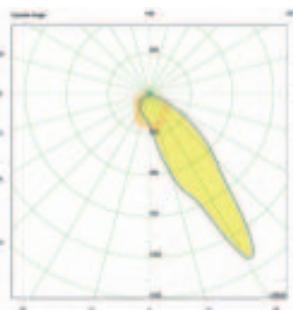
5

**SON 70W**  
**Clear diffuser**

 WATT 70  
 LUMEN 5.600  
 LIFE TIME 9.000 h  
 YELLOW LIGHT

**SON 100W**  
**Clear diffuser**

 WATT 100  
 LUMEN 10.000  
 LIFE TIME 9.000 h  
 YELLOW LIGHT

**HQI 70W**  
**Clear diffuser**

 WATT 70  
 LUMEN 6.000  
 LIFE TIME 9.000 h  
 WHITE LIGHT

**HQI 100W**  
**Clear diffuser**

 WATT 100  
 LUMEN 9.000  
 LIFE TIME 9.000 h  
 WHITE LIGHT


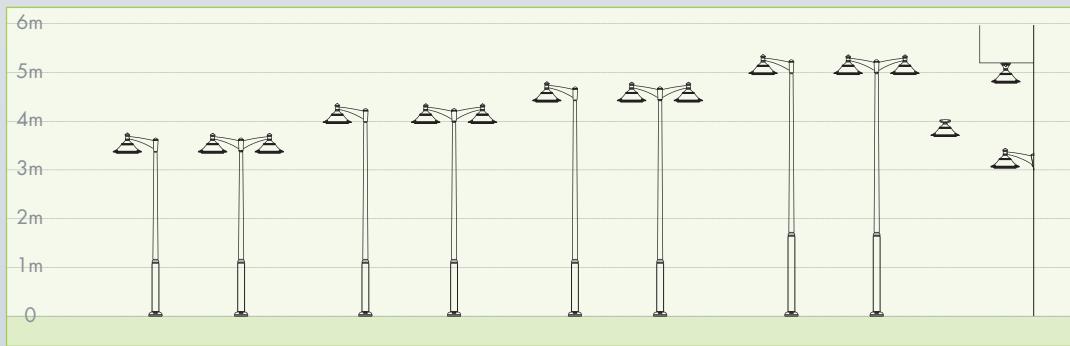


## ECOVIVI 500

ECOVIVI 500



EV6.253

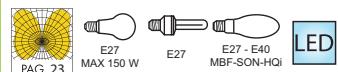

**ECOVIVI 500**

EV6.000.000

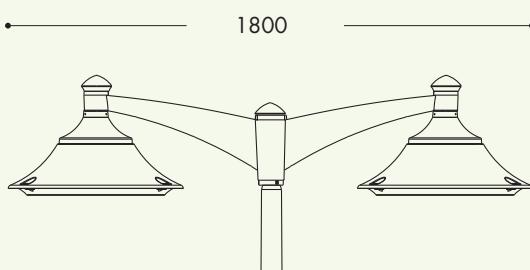
600

Ø 60

300



LED

**EKTOR PILAR / ECOVIVI 500 2L**

**EKTOR5000**  
**PILAR/ECOVIVI500 2L**  
**EV6.377.P20**

5220

 Pcs 1  
 Kg 58  
 mc 0,49

**EKTOR4500**  
**PILAR/ECOVIVI500 2L**  
**EV6.374.P20**

4720

 Pcs 1  
 Kg 55  
 mc 0,47

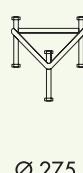
**EKTOR4000**  
**PILAR/ECOVIVI500 2L**  
**EV6.371.P20**

4220

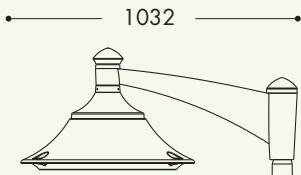
 Pcs 1  
 Kg 52  
 mc 0,45

**EKTOR3500**  
**PILAR/ECOVIVI500 2L**  
**EV6.367.P20**

3720

 Pcs 1  
 Kg 49  
 mc 0,43


Ø 275

**EKTOR PILAR / ECOVIVI 500 1L**

**EKTOR5000**  
**PILAR/ECOVIVI500 1L**  
**EV6.377.P10**

5220

 Pcs 1  
 Kg 51  
 mc 0,39

**EKTOR4500**  
**PILAR/ECOVIVI500 1L**  
**EV6.374.P10**

4720

 Pcs 1  
 Kg 48  
 mc 0,37

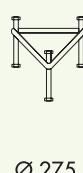
**EKTOR4000**  
**PILAR/ECOVIVI500 1L**  
**EV6.371.P10**

4220

 Pcs 1  
 Kg 45  
 mc 0,35

**EKTOR3500**  
**PILAR/ECOVIVI500 1L**  
**EV6.367.P10**

3720

 Pcs 1  
 Kg 42  
 mc 0,33


Ø 275

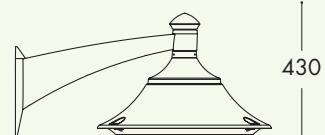
 Molded Colours: **Black - White**  
**Green - Grey**
Diffuser: **Transparent****REF.CODE**

	GLS MAX	150W	E27		WITHOUT BALLAST
SL	25W	E27		EV6.000.000	
CFL	23W	E27			
CLUSTERLITE	60W	E27			
MBF	50W	E27		EV6.000.M50	
	80W	E27		EV6.000.M80	
	125W	E27		EV6.000.M12	
SON	50W	E27		EV6.000.S50	
	70W	E27		EV6.000.S70	
	100W	E40		EV6.000.S10	
	150W	E40		EV6.000.S15	
HQI	70W	E27		EV6.000.H70	
	100W	E40		EV6.000.H10	
	150W	E40		EV6.000.H15	
LED	55W	/		EV6.000.L55	


**PILAR/ ECOVIVI 500**

EV6.253

920


 Pcs 1  
 Kg 7,7  
 mc 0,11



# ECOVIVI 500

 **fumagalli®**

ECOVIVI 500



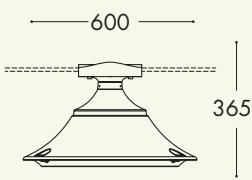
EV6.129



EV6.427.P20

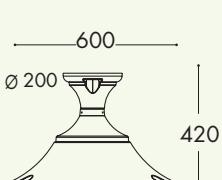
**MARIO / ECOVIVI 500**

EV6.129


 Pcs 1  
Kg 4,6  
mc 0,09

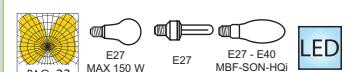
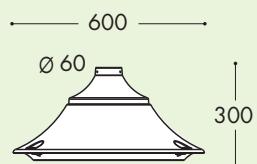
**NEW LOT / ECOVIVI 500**

EV6.115

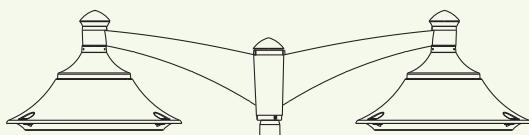

 Pcs 1  
Kg 4,6  
mc 0,09

**ECOVIVI 500**

EV6.000.000


**AKILLE PILAR / ECOVIVI 500 2L**

1800


 AKILLE5000  
PILAR/ECOVIVI500 2L  
EV6.427.P20

5220

 Pcs 1  
Kg 58  
mc 0,49

 AKILLE4500  
PILAR/ECOVIVI500 2L  
EV6.424.P20

4720

 Pcs 1  
Kg 55  
mc 0,47

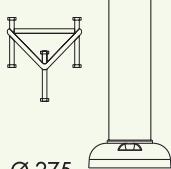
 AKILLE4000  
PILAR/ECOVIVI500 2L  
EV6.421.P20

4220

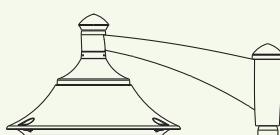
 Pcs 1  
Kg 52  
mc 0,45

 AKILLE3500  
PILAR/ECOVIVI500 2L  
EV6.417.P20

3720

 Pcs 1  
Kg 49  
mc 0,43

**AKILLE PILAR / ECOVIVI 500 1L**

1032


 AKILLE5000  
PILAR/ECOVIVI500 1L  
EV6.427.P10

5220

 Pcs 1  
Kg 51  
mc 0,39

 AKILLE4500  
PILAR/ECOVIVI500 1L  
EV6.424.P10

4720

 Pcs 1  
Kg 48  
mc 0,37

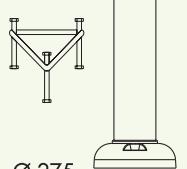
 AKILLE4000  
PILAR/ECOVIVI500 1L  
EV6.421.P10

4220

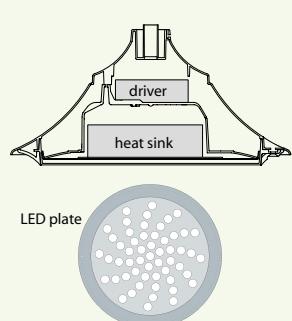
 Pcs 1  
Kg 45  
mc 0,35

 AKILLE3500  
PILAR/ECOVIVI500 1L  
EV6.417.P10

3720

 Pcs 1  
Kg 42  
mc 0,33

 Molded Colours: **Black - White**  
**Green - Grey**
Diffuser: **Transparent****REF.CODE**

GLS MAX	150W	E27	EV6.000.000	WITHOUT BALLAST
SL	25W	E27		
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	EV6.000.M50	WITH BALLAST
	80W	E27		
	125W	E27		
SON	50W	E27		
	70W	E27	EV6.000.S50	WITH BALLAST
	100W	E40		
	150W	E40		
HQI	70W	E27		
	100W	E40	EV6.000.H10	WITH BALLAST
	150W	E40		
LED	55W	/	EV6.000.L55	


**LED VERSION**


VIVI  
400VIVI  
500

# VIVI 500

**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST, WALL AND HANGING INSTALLATION. INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING, HORIZONTAL BULB OR EQUIPPED WITH LED PLATE.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA. IDONEO PER IL MONTAGGIO A PALO, PARETE E A SOSPENSIONE. CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO, LAMPADINA ORIZZONTALE O EQUIPAGGIATO CON PIATTO A LED.

600

#### DIMENSIONS AND WEIGHT

Height 600 mm  
Width Ø 600 mm.  
Weight: 7,1 Kg  
(excluding electrical components)

#### Junction to the support:

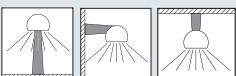
diameter 60 mm  
AREA EXPOSED TO WIND PRESSURE  
 $CxS = 0,1932 \text{ m}^2$



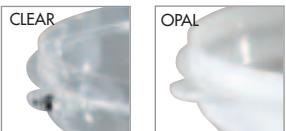
#### INSTALLATION



#### SUITABLE FOR



#### PMMA DIFFUSERS COLOURS



**HORIZONTAL BULB AGAINST LIGHT POLLUTION**  
VIVI 500  
with clear diffuser  
ref: STANDARD UNI10819

#### VERSIONS AVAILABLE

REF.CODE

GLS MAX	150W	E27	V60.000.000	WITHOUT BALLAST
SL	25W	E27		
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	V60.000.M50	WITH BALLAST
	80W	E27		
	125W	E27		
SON	50W	E27		
	70W	E27	V60.000.S70	WITH BALLAST
	100W	E40		
	150W	E40		
HQI	70W	E27		
	100W	E40	V60.000.H10	WITH BALLAST
	150W	E40		
LED	55W	/	V60.000.L55	

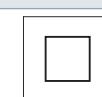
The photometric data for all the versions are available upon request

#### LED VERSION AVAILABLE

For technical details,  
about the led equipment  
refer to page 57



**LED** **55 LED x 1W** **LUMINOUS FLUX 3200 lm** **80°** **COLOR TEMP. KELVIN 6000K**



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

**ANTI-SHOCK**  
**RECYCLABLE**

**TEMPERATURE**  
**+90 -60**



#### MOULDED COLOURS

## E27-E40 version

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

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

2- High temperature resistant **ceiling** made in white polycarbonate (PC), UV rays stabilized, suitable for ballast fixation on its upper side and provided with lampholder seat on its lower side, suitable to fix the bulb in horizontal position.

**Soffitto** realizzato in policarbonato bianco (PC) ad alta resistenza al calore, stabilizzato ai raggi UV, nella cui parte superiore possono essere fissati gli ausiliari elettrici e nella cui parte inferiore si trova l'alloggiamento del portalampada atto a sostenere la lampadina in posizione orizzontale.

3- Parabolic **reflector** made in anodized aluminium, fixed under the polycarbonate ceiling, designed to optimize the light distribution and to limit the skyward dispersion of the luminous flux, according to the international regulations against light pollution and in particular the standard UNI 10819

**Parabola** riflettente realizzata in alluminio anodizzato, alloggiata all'interno del soffitto in policarbonato, progettata per ottimizzare la distribuzione del flusso luminoso e limitarne la dispersione verso il cielo in ottemperanza alle norme internazionali sull'inquinamento luminoso ed in particolare alla norma UNI 10819

4- Luminarie **diffuser** of UV stabilized polymethylmethacrylate (PMMA), one piece only, available in clear or opal colour.

**Diffusore** realizzato in polimetilmetacrilato (PMMA) stabilizzato ai raggi UV, un pezzo unico, disponibile in colore trasparente o opale

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaries diffuser.

**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio



1



ballast kit



2



3



4



5

# PHOTOMETRIC DIAGRAMS

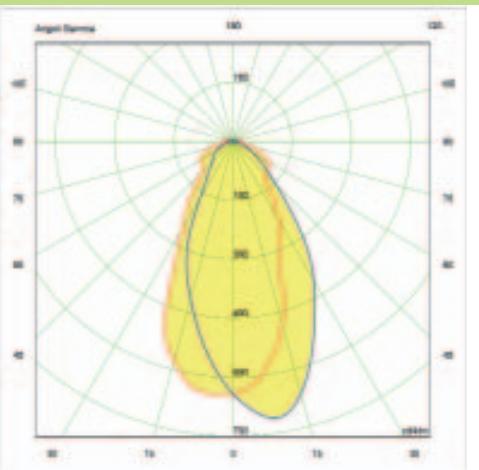
VIVI 500

 fumagalli®

## SON 70W Clear diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

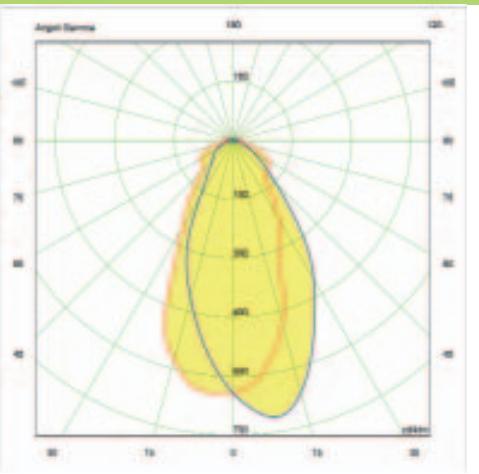
YELLOW LIGHT



## SON 100W Clear diffuser

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

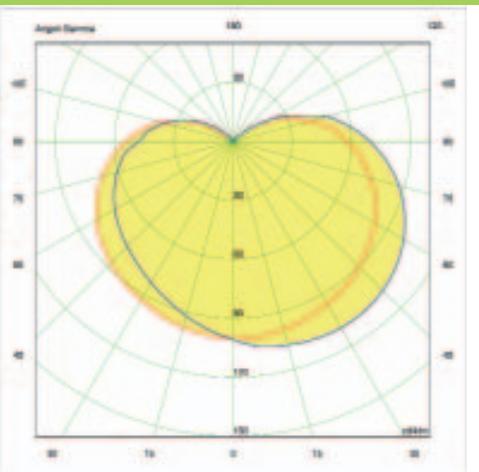
YELLOW LIGHT



## HQI 100W Opal diffuser

WATT 100  
LUMEN 9.000  
LIFE TIME 9.000 h

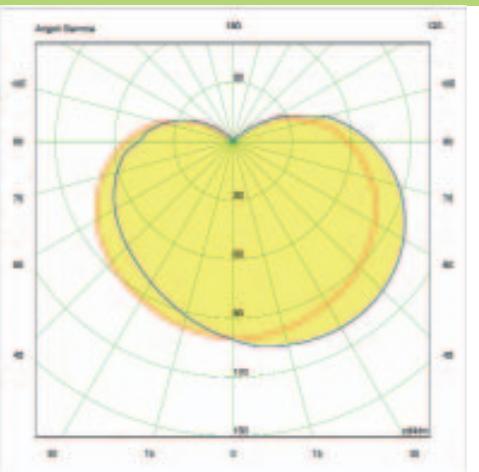
WHITE LIGHT

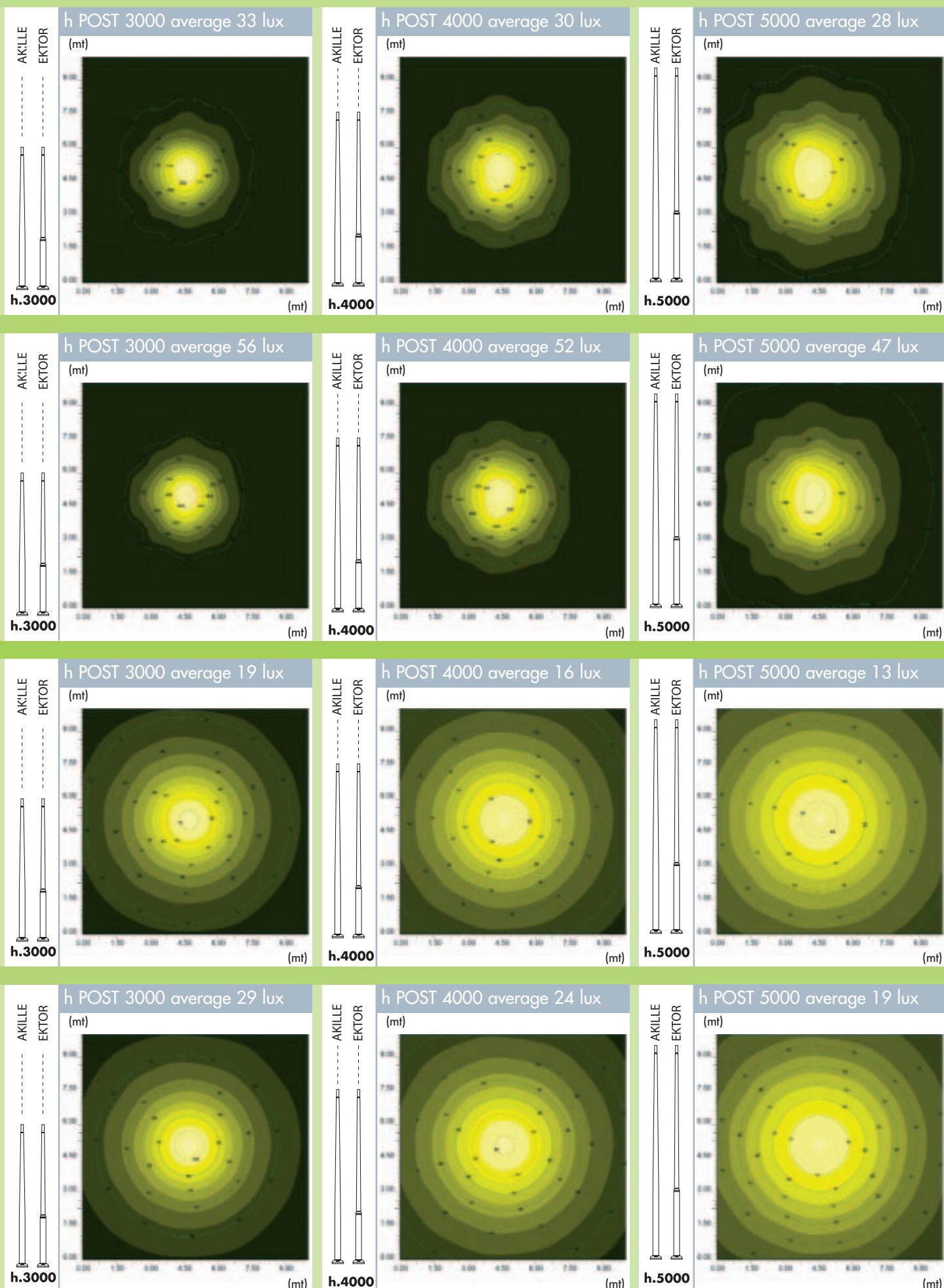


## HQI 150W Opal diffuser

WATT 150  
LUMEN 12.500  
LIFE TIME 9.000 h

WHITE LIGHT







VIVI  
400



VIVI  
500

**fumagalli®**

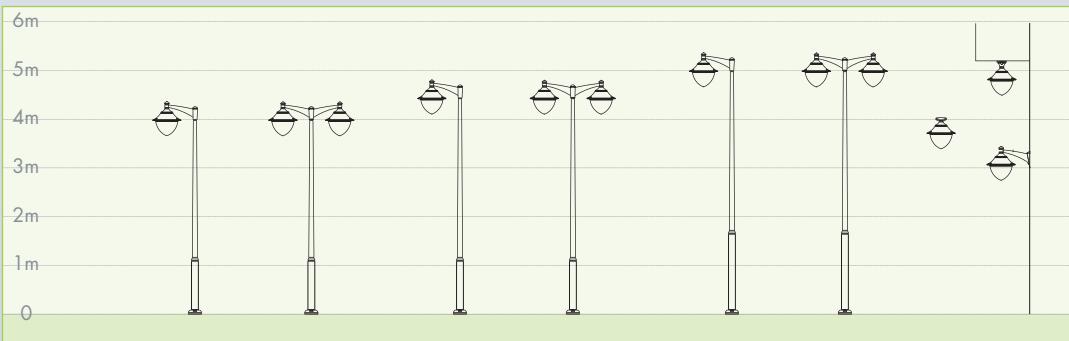
## VIVI 500



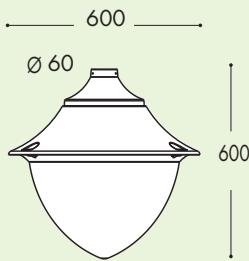
V60.129

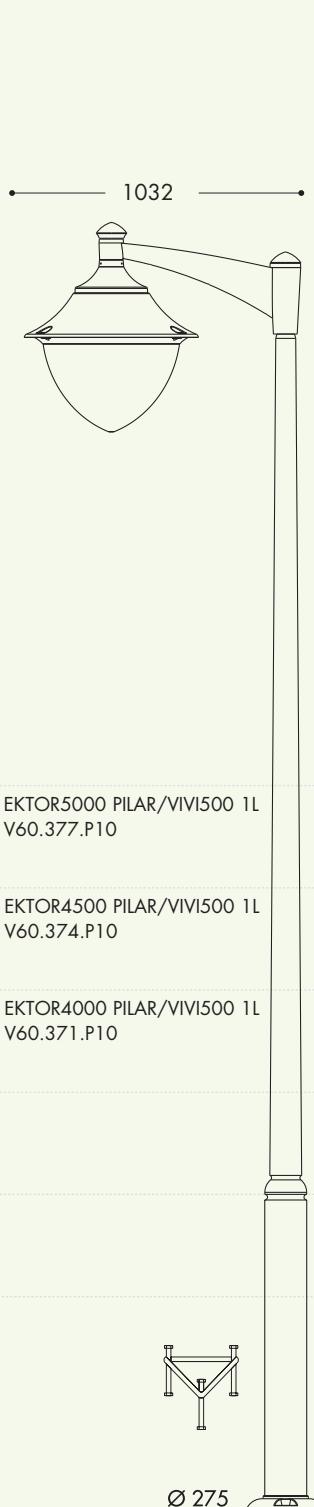


V60.367.P10


**VIVI 500**

V60.000.000


**EKTOR PILAR / VIVI 500 2L**

**EKTOR PILAR / VIVI 500 1L**

Moulded Colours: **Black - White  
Green - Grey**

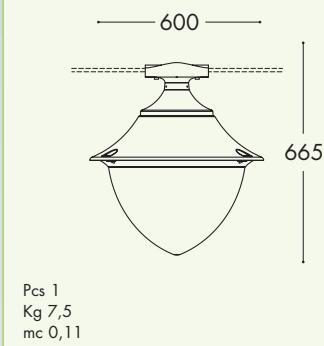
Diffuser: **Transparent - Opal**

## REF.CODE

GLS MAX	150W	E27		WITHOUT BALLAST
SL	25W	E27	V60.000.000	
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	V60.000.M50	
	80W	E27	V60.000.M80	
	125W	E27	V60.000.M12	
SON	50W	E27	V60.000.S50	
	70W	E27	V60.000.S70	
	100W	E40	V60.000.S10	
	150W	E40	V60.000.S15	
HQI	70W	E27	V60.000.H70	
	100W	E40	V60.000.H10	
	150W	E40	V60.000.H15	
LED	55W	/	V60.000.L55	


**MARIO / VIVI 500**

V60.129





VIVI  
400



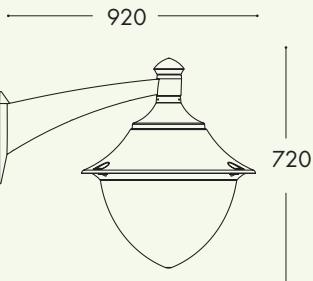
VIVI  
500

 fumagalli®



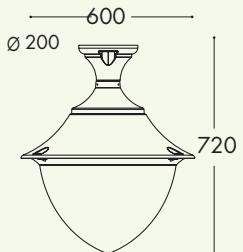
**PILAR/ VIVI500**

V60.253


 Pcs 1  
Kg 12,3  
mc 0,15

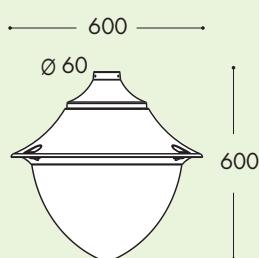
**NEW LOT/ VIVI500**

V60.115

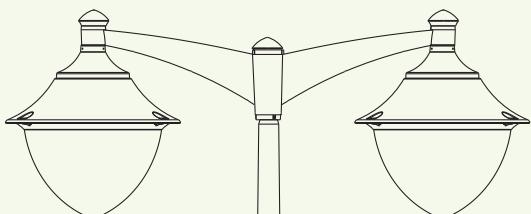

 Pcs 1  
Kg 8,7  
mc 0,13

**VIVI500**

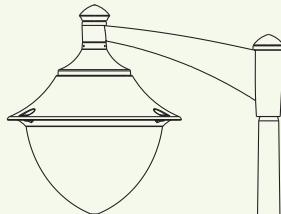
V60.000.000


**AKILLE PILAR / VIVI500 2L**

1800


**AKILLE PILAR / VIVI500 1L**

1032


 AKILLE5000 PILAR/VIVI500 2L  
V60.427.P20

5220

 Pcs 1  
Kg 63,2  
mc 0,60

 AKILLE5000 PILAR/VIVI500 1L  
V60.427.P10

5220

 Pcs 1  
Kg 54,3  
mc 0,43

 AKILLE4500 PILAR/VIVI500 2L  
V60.424.P20

4720

 Pcs 1  
Kg 60,2  
mc 0,57

 AKILLE4500 PILAR/VIVI500 1L  
V60.424.P10

4720

 Pcs 1  
Kg 51,3  
mc 0,40

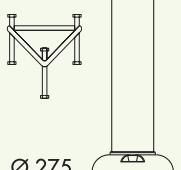
 AKILLE4000 PILAR/VIVI500 2L  
V60.421.P20

4220

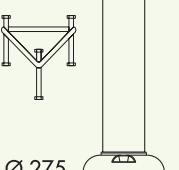
 Pcs 1  
Kg 57,2  
mc 0,54

 AKILLE4000 PILAR/VIVI500 1L  
V60.421.P10

4220

 Pcs 1  
Kg 48,3  
mc 0,37


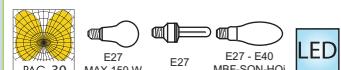
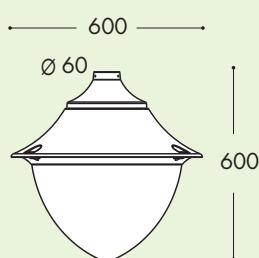
Ø 275



Ø 275

**VIVI500**

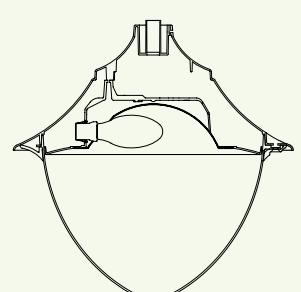
V60.000.000


 Molded Colours: Black - White  
Green - Grey

Diffuser: Transparent - Opal

## REF.CODE

GLS MAX	150W	E27	
SL	25W	E27	V60.000.000
CFL	23W	E27	
CLUSTERLITE	60W	E27	
MBF	50W	E27	V60.000.M50
	80W	E27	V60.000.M80
	125W	E27	V60.000.M12
SON	50W	E27	V60.000.S50
	70W	E27	V60.000.S70
	100W	E40	V60.000.S10
	150W	E40	V60.000.S15
HQI	70W	E27	V60.000.H70
	100W	E40	V60.000.H10
	150W	E40	V60.000.H15
LED	55W	/	V60.000.L55


**HORIZONTAL BULB**

**WITH CEILING AND REFLECTOR**



**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST AND WALL INSTALLATION. INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING, HORIZONTAL BULB OR EQUIPPED WITH LED PLATE.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA. IDONEO PER IL MONTAGGIO A PALO E A PARETE. CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO, LAMPADINA ORIZZONTALE O EQUIPAGGIATO CON PIATTO A LED.

#### DIMENSIONS AND WEIGHT

Height 850 mm

600

Width Ø 600 mm

Weight: 8,9 Kg

(excluding electrical components)

Junction to the support:

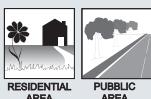
diameter Ø 60 mm

AREA EXPOSED TO WIND PRESSURE

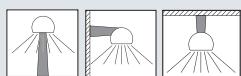
CxS = 0,246 m<sup>2</sup>



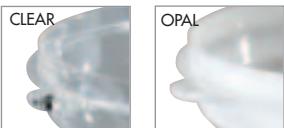
#### INSTALLATION



#### SUITABLE FOR



#### PMMA DIFFUSERS COLOURS



BEPPE 500



MBF MERCURY VAPOR

SON SODIUM VAPOR

HQI METAL HALIDE

#### VERSIONS AVAILABLE

REF.CODE

	GLS MAX	150W	E27	P60.000.000	WITHOUT BALLAST
SL	25W	E27			
CFL	23W	E27			
CLUSTERLITE	60W	E27			
MBF	50W	E27	P60.000.M50		
	80W	E27	P60.000.M80		
	125W	E27	P60.000.M12		
SON	50W	E27	P60.000.S50		
	70W	E27	P60.000.S70		
	100W	E40	P60.000.S10		
	150W	E40	P60.000.S15		
HQI	70W	E27	P60.000.H70		
	100W	E40	P60.000.H10		
	150W	E40	P60.000.H15		
LED	55W	/	P60.000.L55		

WITHOUT BALLAST

WITH BALLAST

The photometric data for all the versions are available upon request

#### LED VERSION AVAILABLE

For technical details, about the led equipment refer to page 57



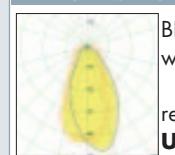
LED

55 LED x 1W

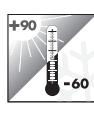
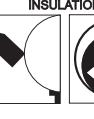
LUMINOUS FLUX  
3200 lm

80°  
COLOR TEMP.  
6000K

#### HORIZONTAL BULB AGAINST LIGHT POLLUTION



BEPPE  
with clear diffuser  
ref: STANDARD  
UNI10819



DOUBLE  
INSULATION

+90 °  
-60 °  
TEMPERATURE

#### MOULDED COLOURS



## E27-E40 version

1- Decorative **pinnacle** to be mounted on the roof top.  
*Pinnacolo decorativo da fissare sopra il tetto*

2- **Roof** made in shockproof resin material, one piece only, UV rays stabilized, rust and corrosion-free.  
*Tetto in un unico pezzo, realizzato in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.*

3- High temperature resistant **ceiling** made in white polycarbonate (PC), UV rays stabilized, suitable for ballast fixation on its upper side and provided with lampholder seat on its lower side, suitable to fix the bulb in horizontal position.

**Soffitto** realizzato in policarbonato bianco (PC) ad alta resistenza al calore, stabilizzato ai raggi UV, nella cui parte superiore possono essere fissati gli ausiliari elettrici e nella cui parte inferiore si trova l'alloggiamento del portalamppada atto a sostenere la lampadina in posizione orizzontale.

4- Parabolic **reflector** made in anodized aluminium, fixed under the polycarbonate ceiling, designed to optimize the light distribution and to limit the skyward dispersion of the luminous flux, according to the international regulations against light pollution and in particular the standard UNI 10819

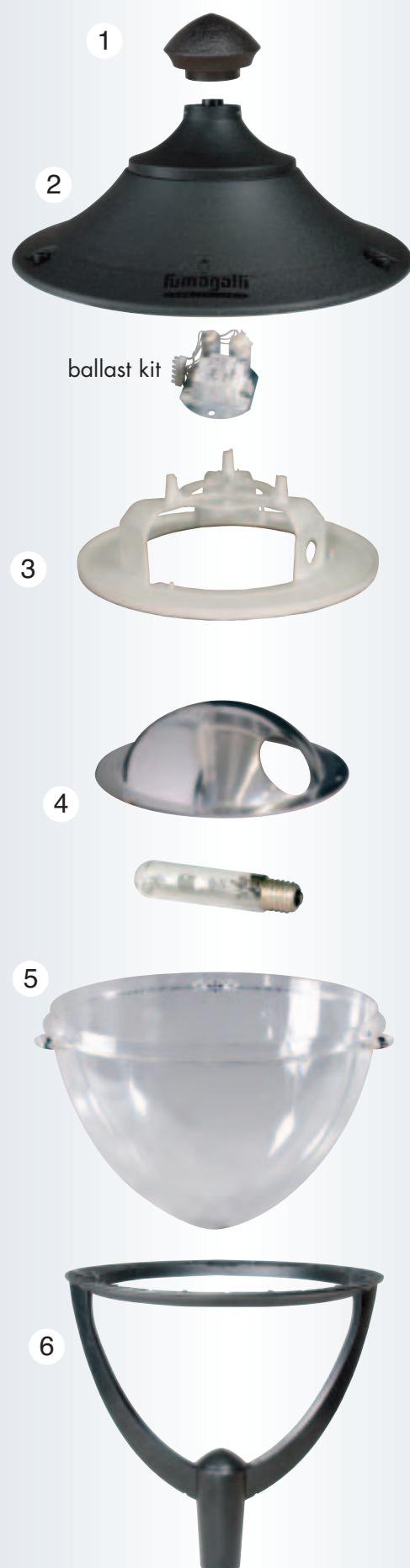
**Parabola** riflettente realizzata in alluminio anodizzato, alloggiata all'interno del soffitto in policarbonato, progettata per ottimizzare la distribuzione del flusso luminoso e limitarne la dispersione verso il cielo in ottemperanza alle norme internazionali sull'inquinamento luminoso ed in particolare alla norma UNI 10819

5- Luminarie **diffuser** of UV stabilized polymethylmethacrylate (PMMA), one piece only, available in clear or opal colour.

**Diffusore** realizzato in polimetilmetacrilato (PMMA) stabilizzato ai raggi UV, un pezzo unico, disponibile in colore trasparente o opale

6- **Cage** for post top installation and connection ring with aerodynamic properties to be fixed on the luminaries diffuser.

**Bipode** completo di anello decorativo di connessione con proprietà aerodinamiche, su cui viene fissato il diffusore dell'apparecchio



# PHOTOMETRIC DIAGRAMS

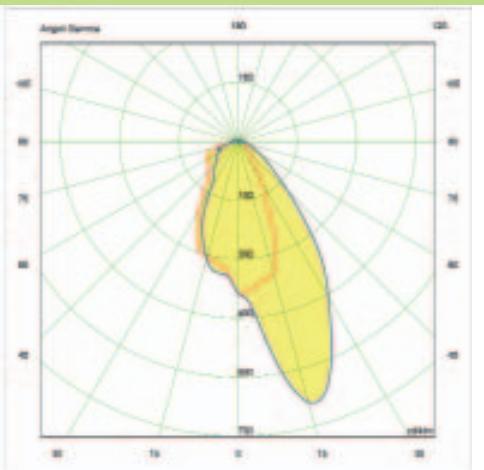
## BEPPE 500



### SON 70W Clear diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

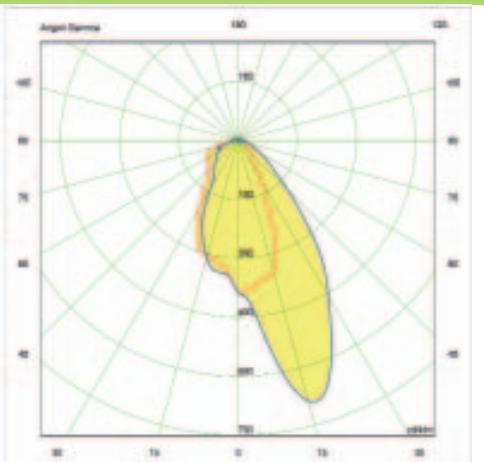
YELLOW LIGHT



### SON 100W Clear diffuser

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

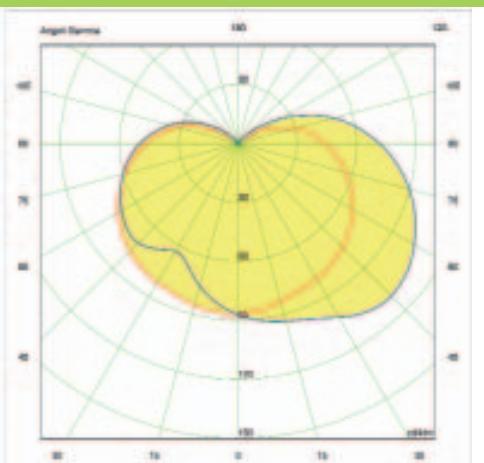
YELLOW LIGHT



### HQI 100W Opal diffuser

WATT 100  
LUMEN 9.000  
LIFE TIME 9.000 h

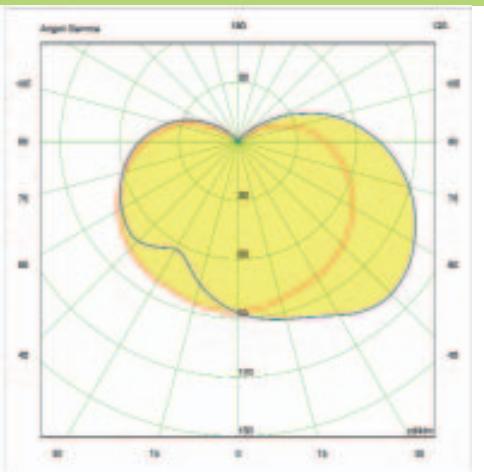
WHITE LIGHT

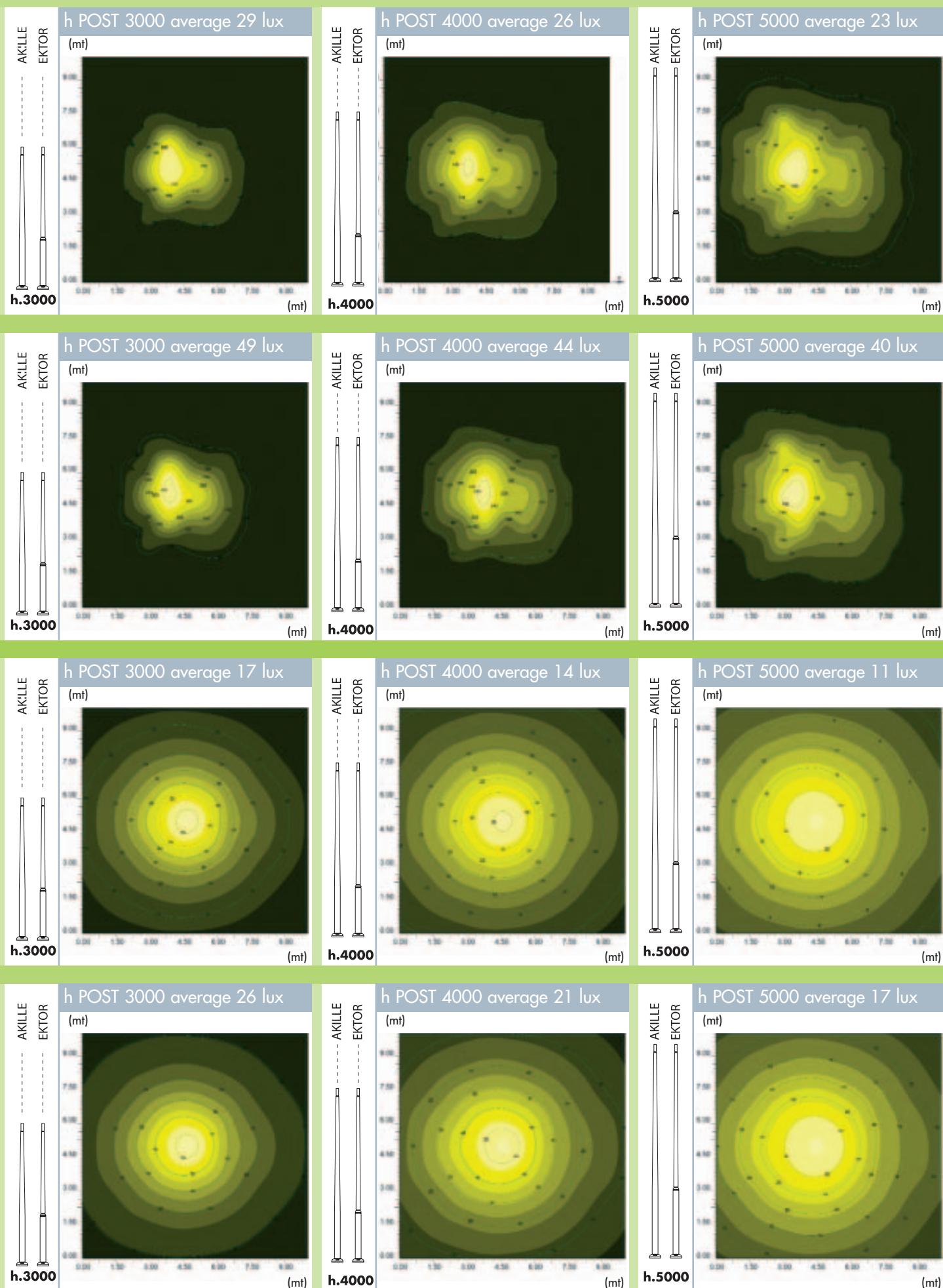


### HQI 150W Opal diffuser

WATT 150  
LUMEN 12.500  
LIFE TIME 9.000 h

WHITE LIGHT





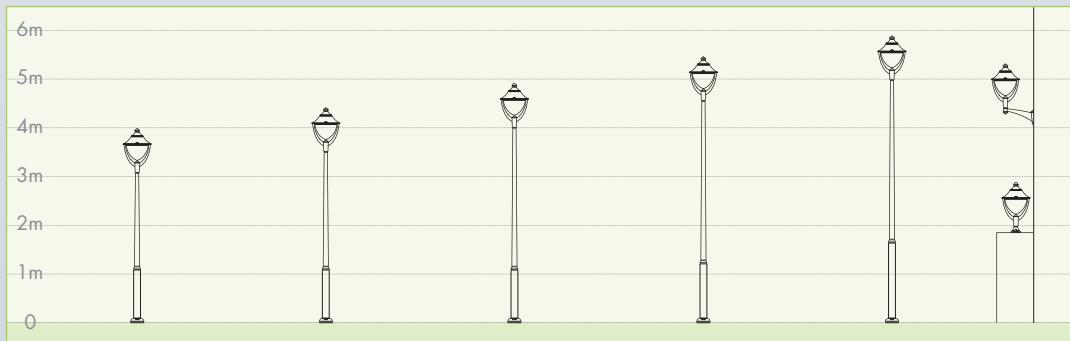
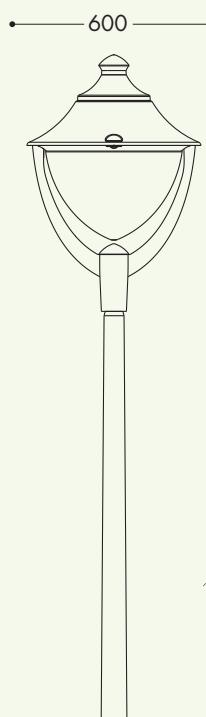
# BEPPE 500



P60.115



P60.373.000


**EKTOR/ BEPPE500**

**EKTOR5000/BEPPE500**  
P60.377.000

5735

 Pcs 1  
Kg 51,8  
mc 0,48

**EKTOR4500/BEPPE500**  
P60.374.000

5235

 Pcs 1  
Kg 48,8  
mc 0,46

**EKTOR4000/BEPPE500**  
P60.371.000

4735

 Pcs 1  
Kg 45,8  
mc 0,43

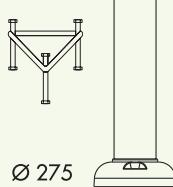
**EKTOR3500/BEPPE500**  
P60.367.000

4235

 Pcs 1  
Kg 42,8  
mc 0,40

**EKTOR3000/BEPPE500**  
P60.364.000

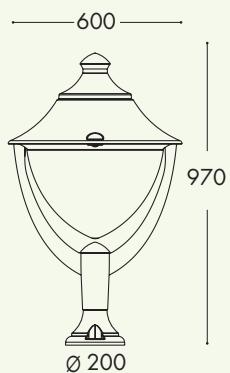
3735

 Pcs 1  
Kg 39,8  
mc 0,38


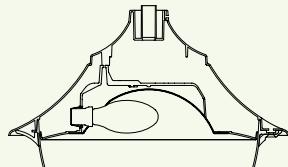
Ø 275

**NEW LOT/ BEPPE500**

P60.115


 Pcs 1  
Kg 9,1  
mc 0,21

970

**HORIZONTAL BULB**

**WITH CEILING AND REFLECTOR**

	GLS MAX	150W	E27	P60.000.000	WITHOUT BALLAST
MBF	50W	E27		P60.000.M50	
	80W	E27		P60.000.M80	
	125W	E27		P60.000.M12	
SON	50W	E27		P60.000.S50	
	70W	E27		P60.000.S70	
	100W	E40		P60.000.S10	
	150W	E40		P60.000.S15	
HQI	70W	E27		P60.000.H70	
	100W	E40		P60.000.H10	
	150W	E40		P60.000.H15	
LED	55W	/		P60.000.L55	



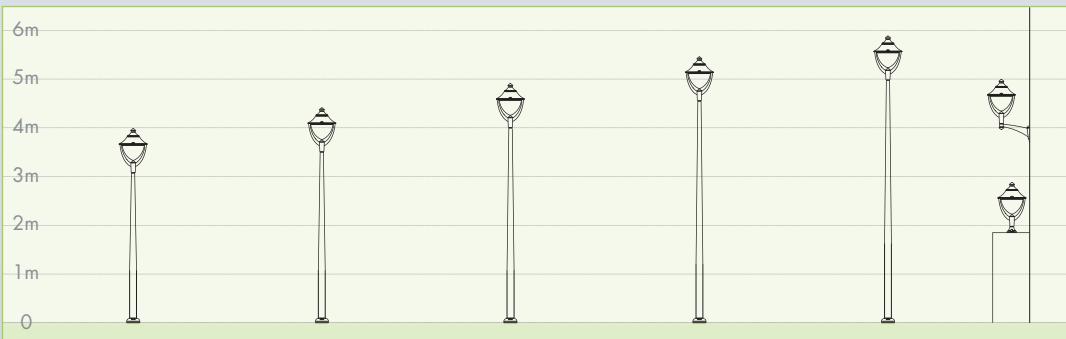
BEPPE 500



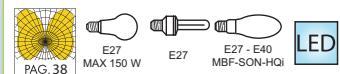
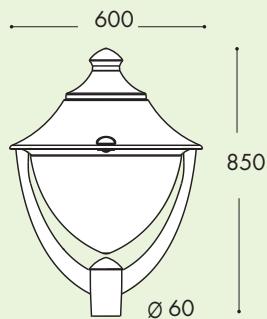
fumagalli®



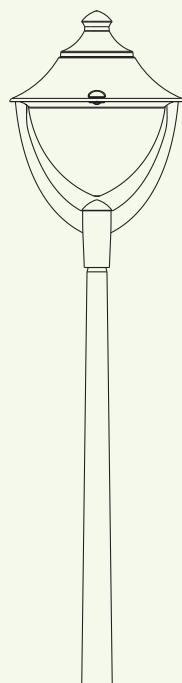
P60.253


**BEPPE500**

P60.000.000


**AKILLE/ BEPPE500**

600


AKILLE5000/BEPPE500  
P60.427.000

5735

Pcs 1  
Kg 51,8  
mc 0,48

AKILLE4500 /BEPPE500  
P60.424.000

5235

Pcs 1  
Kg 48,8  
mc 0,46

AKILLE4000/BEPPE500  
P60.421.000

4735

Pcs 1  
Kg 45,8  
mc 0,43

AKILLE3500 /BEPPE500  
P60.417.000

4235

Pcs 1  
Kg 42,8  
mc 0,40

AKILLE3000/BEPPE500  
P60.414.000

3735

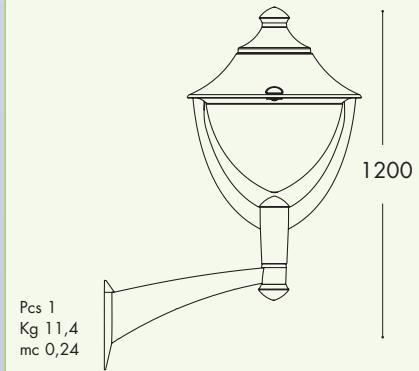
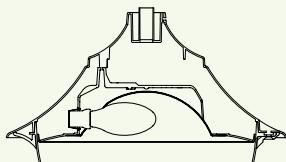
Pcs 1  
Kg 39,8  
mc 0,38


Ø 275

**PILAR/ BEPPE500**

P60.253

920


**HORIZONTAL BULB**

**WITH CEILING AND REFLECTOR**
**REF.CODE**

GLS MAX	150W	E27		WITHOUT BALLAST
SL	25W	E27	P60.000.000	
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	P60.000.M50	WITH BALLAST
	80W	E27	P60.000.M80	
	125W	E27	P60.000.M12	
SON	50W	E27	P60.000.S50	
	70W	E27	P60.000.S70	
	100W	E40	P60.000.S10	
	150W	E40	P60.000.S15	
HQI	70W	E27	P60.000.H70	
	100W	E40	P60.000.H10	
	150W	E40	P60.000.H15	
LED	55W	/	P60.000.L55	





**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MOODELED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST AND WALL INSTALLATION.**  
**INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA.  
 IDONEO PER IL MONTAGGIO A PALO E A PARETE.  
 CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO.

**600**

**850**

**Ø60**

**DIMENSIONS AND WEIGHT**  
 Height 850 mm  
 Width Ø 600 mm.  
 Weight: 8,5 Kg  
 (excluding electrical components)  
*Junction to the support:*  
 diameter Ø 60 mm  
**AREA EXPOSED TO WIND PRESSURE**  
 $CxS = 0,238 \text{ m}^2$

**SUITABLE FOR:**

**INSTALLATION**  
  
  
**RESIDENTIAL AREA**      **PUBLIC AREA**

VERSIONS AVAILABLE		
	REF.CODE	
GLS MAX	150W E27	R60.000.000
SL	25W E27	
CFL	23W E27	
CLUSTERLITE	60W E27	
CLUSTERLITE 100W	E27	
MBF	50W E27	R60.000.M50
	80W E27	
	125W E27	
SON	50W E27	R60.000.S50
	70W E27	
	100W E40	
	150W E40	
HQI	70W E27	R60.000.H70
	100W E40	
	150W E40	
white breaklight	H.FB6	R60.000.H15
chrome breaklight	H.FC6	

*The photometric data for all the versions are available upon request*

**PMMA DIFFUSERS COLOURS**

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**MOULDED COLOURS**

--	--	--	--

**RESIN MATERIAL**

<b>U.V. TREATED</b> <b>UV</b> COLOURS IN PASTE			
--	--	--	--

**CLASS II**  
**DOUBLE INSULATION**

**PROTECTION**  
**IP65**

## REMO 500

1- Decorative **pinnacle** to be mounted on the roof top.  
**Pinnacolo** decorativo da fissare sopra il tetto.

2- **Roof** made in shockproof resin material, one piece only, UV rays stabilized, rust and corrosion-free.  
**Tetto** in un unico pezzo, realizzato in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

3- Parabolic **reflector** made in anodized aluminium and fixed under the luminaries roof, to optimize the light efficiency performance and to allow a uniform light distribution.

**Parabola** riflettente realizzata in alluminio anodizzato fissata sotto il tetto del diffusore per ottimizzare il rendimento luminosoe permettere una uniforme distribuzione della luce

4- Luminarie **diffuser** of UV stabilized polymethylmethacrylate (PMMA), one piece only, available in clear or opal colour.

**Diffusore** realizzato in polimetilmetacrilato (PMMA) stabilizzato ai raggi UV, un pezzo unico, disponibile in colore trasparente o opale

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaries diffuser.

**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio

6- 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.

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.

7- Luminaries **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.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzata 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.



# PHOTOMETRIC DIAGRAMS

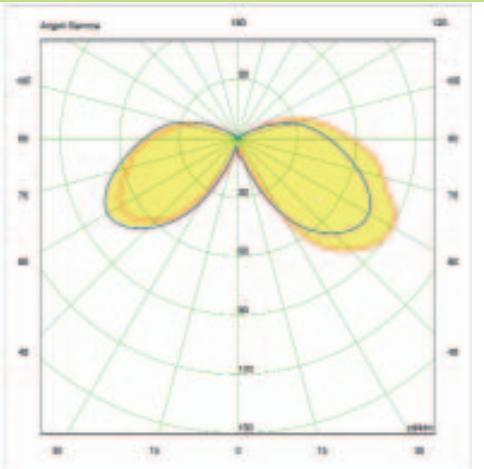
## REMO 500



### SON 70W Clear diffuser Breaklight

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

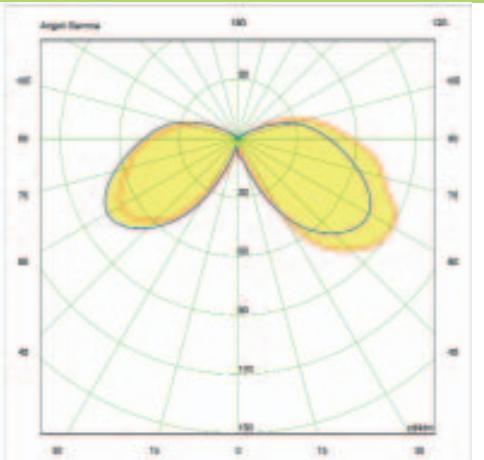
YELLOW LIGHT



### SON 100W Clear diffuser Breaklight

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

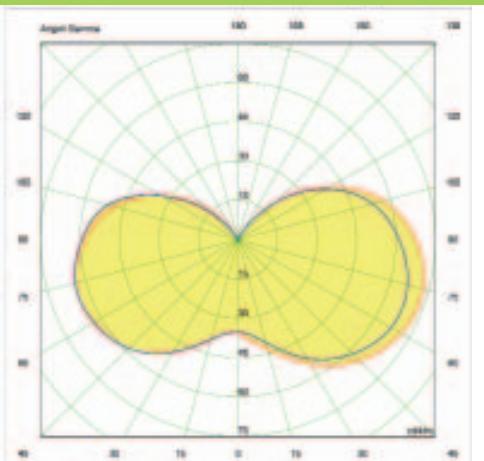
YELLOW LIGHT



### HQI 100W Opal diffuser

WATT 100  
LUMEN 9.000  
LIFE TIME 9.000 h

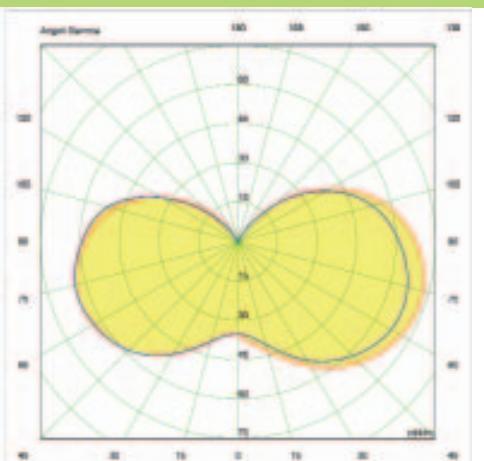
WHITE LIGHT

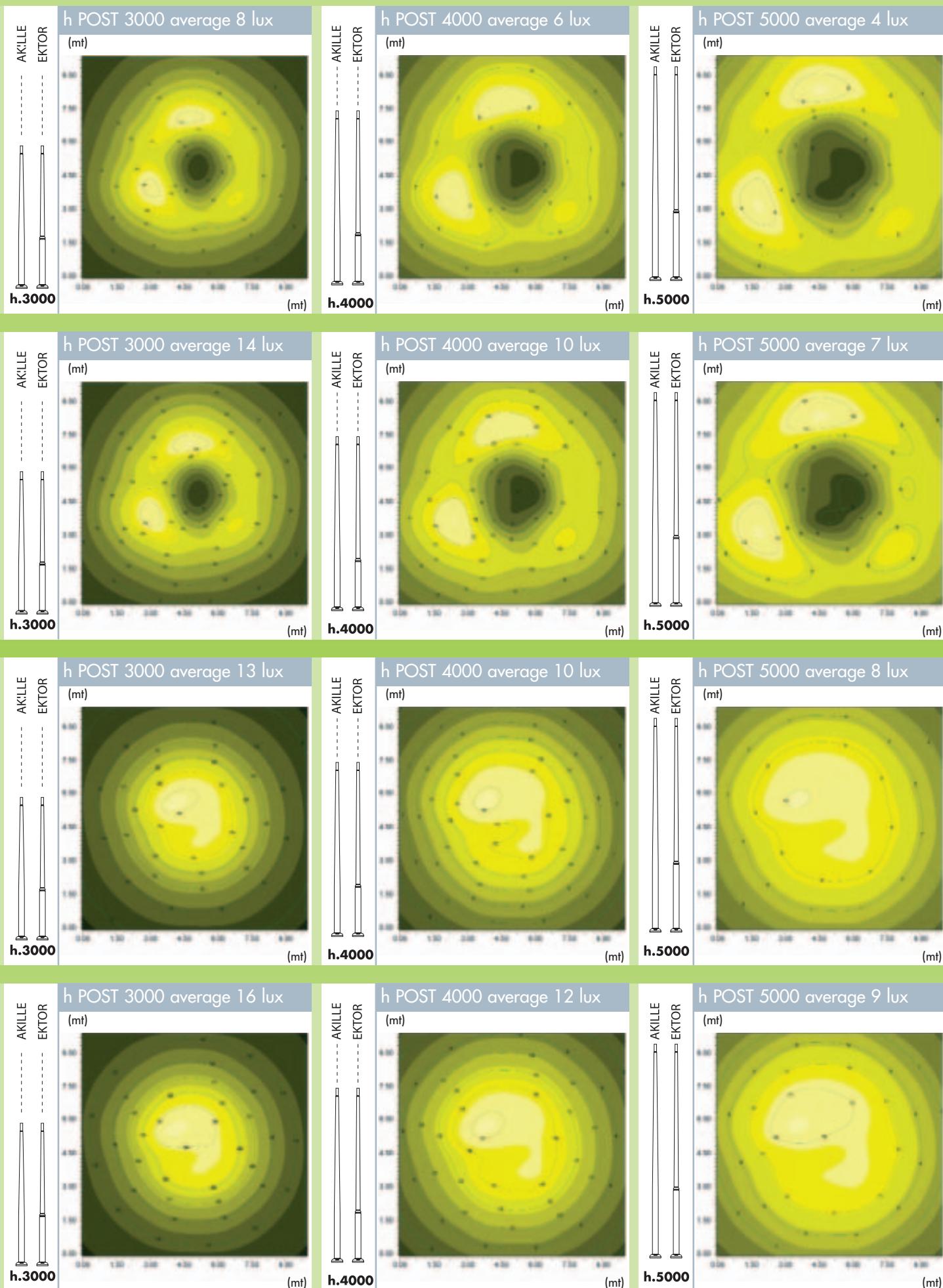


### HQI 150W Opal diffuser

WATT 150  
LUMEN 12.500  
LIFE TIME 9.000 h

WHITE LIGHT





# REMO 500



REMO  
400



REMO  
500

**fumagalli®**

R60.115



R60.369.000





**REMO 500**



**fumagalli®**



R60.253



R60.423.000





**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST AND WALL INSTALLATION.**

**INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA.

IDONEO PER IL MONTAGGIO A PALO E A PARETE.

CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO.

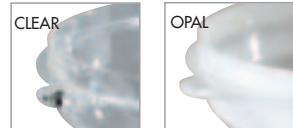
## VERSIONS AVAILABLE

REF.CODE

GLS MAX	150W E27	F60.000.000	WITHOUT BALLAST
SL	25W E27		
CFL	23W E27		
CLUSTERLITE	60W E27		
CLUSTERLITE	100W E27		
MBF	50W E27	F60.000.M50	WITH BALLAST
	80W E27		
	125W E27		
SON	50W E27	F60.000.S50	WITH BALLAST
	70W E27		
	100W E40		
HQI	150W E40	F60.000.S10	WITH BALLAST
	70W E27		
	100W E40		
	150W E40		
white breaklight	H.FB6		
chrome breaklight	H.FC6		

The photometric data for all the versions are available upon request

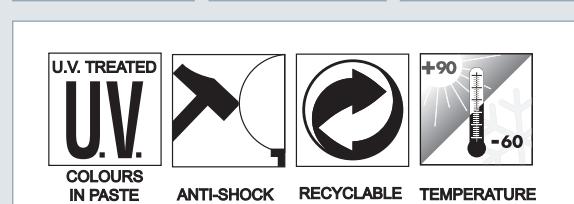
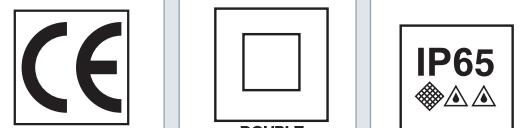
## PMMA DIFFUSERS COLOURS



## MOULDED COLOURS



## PROTECTION



## GINO 500

1- Decorative **pinnacle** to be mounted on the roof top.  
**Pinnacolo** decorativo da fissare sopra il tetto.

2- **Roof** made in shockproof resin material, one piece only, UV rays stabilized, rust and corrosion-free.  
**Tetto** in un unico pezzzo, realizzato in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

3- Parabolic **reflector** made in anodized aluminium and fixed under the luminaries roof, to optimize the light efficiency performance and to allow a uniform light distribution.

**Parabola** riflettente realizzata in alluminio anodizzato fissata sotto il tetto del diffusore per ottimizzare il rendimento luminosoe permettere una uniforme distribuzione della luce

4- Luminarie **diffuser** of UV stabilized polymethylmethacrylate (PMMA), one piece only, available in clear or opal colour.

**Diffusore** realizzato in polimetilmetacrilato (PMMA) stabilizzato ai raggi UV, un pezzo unico, disponibile in colore trasparente o opale

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaries diffuser.

**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio

6- 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.

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.

7- Luminaries **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.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzata 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.



# PHOTOMETRIC DIAGRAMS

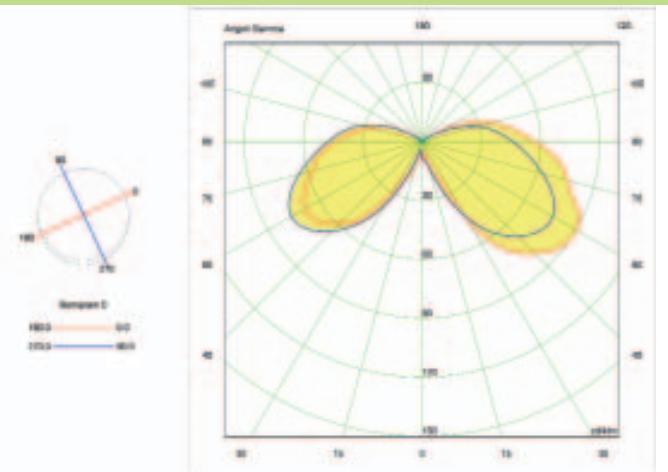
## GINO 500



### SON 70W Clear diffuser Breaklight

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

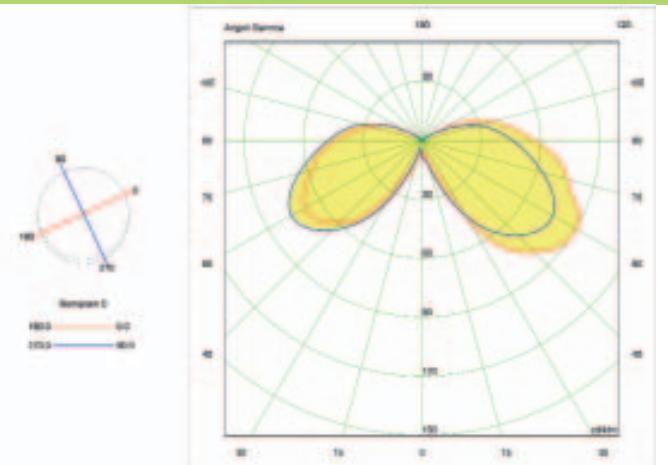
YELLOW LIGHT



### SON 100W Clear diffuser Breaklight

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

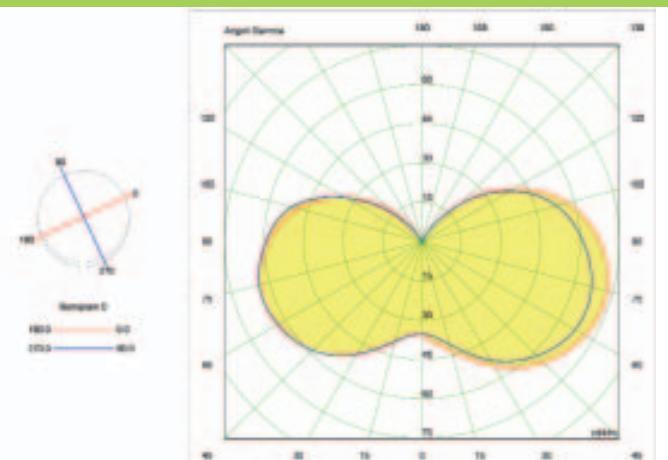
YELLOW LIGHT



### HQI 100W Opal diffuser

WATT 100  
LUMEN 9.000  
LIFE TIME 9.000 h

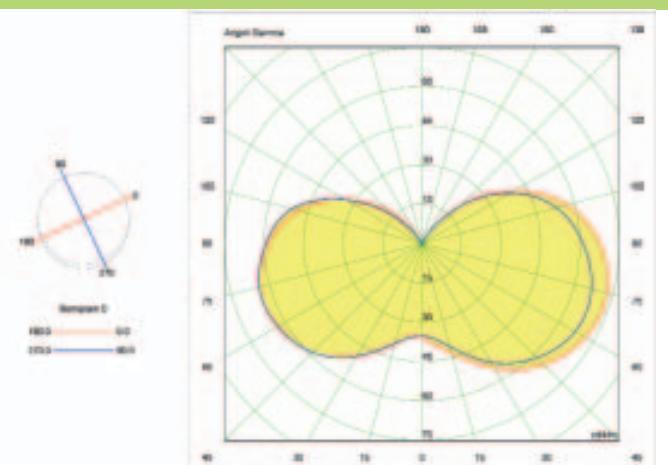
WHITE LIGHT

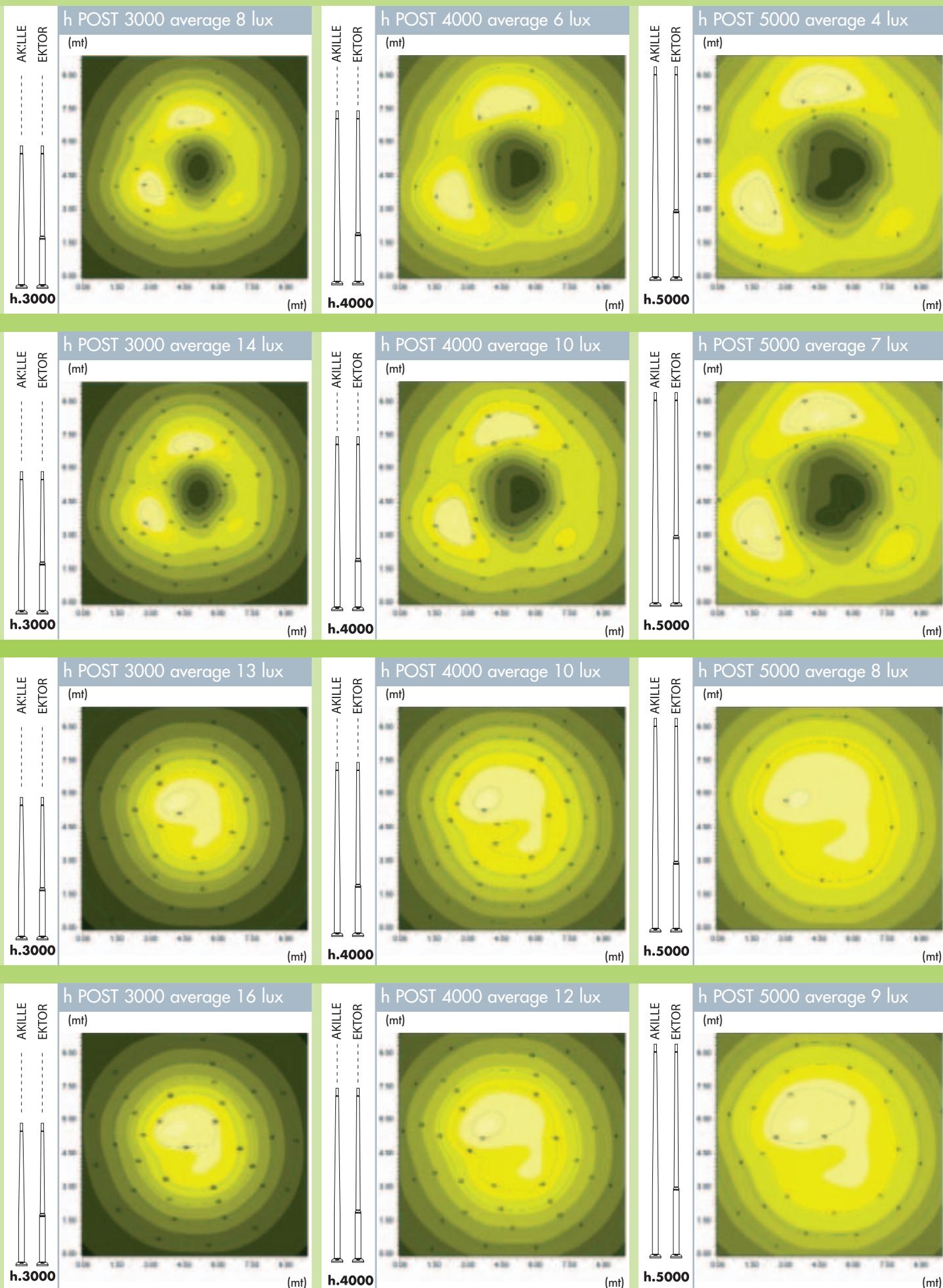


### HQI 150W Opal diffuser

WATT 150  
LUMEN 12.500  
LIFE TIME 9.000 h

WHITE LIGHT





# GINO 500



GINO  
400



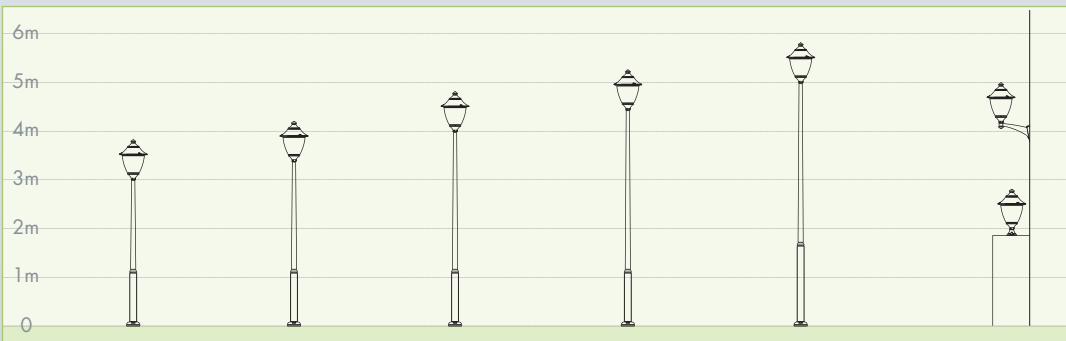
GINO  
500



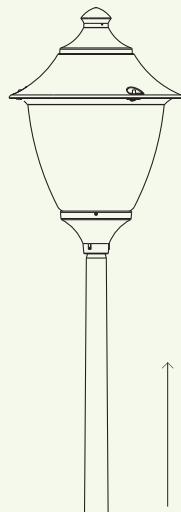
F60.115



F60.373.000


**EKTOR / GINO500**

600


EKTOR 5000/GINO500  
F60.377.000

5735

Pcs 1  
Kg 50,5  
mc 0,39

EKTOR 4500/GINO500  
F60.374.000

5235

Pcs 1  
Kg 47,5  
mc 0,36

EKTOR 4000/GINO500  
F60.371.000

4735

Pcs 1  
Kg 44,5  
mc 0,33

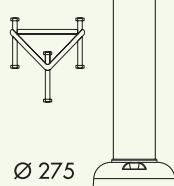
EKTOR 3500/GINO500  
F60.367.000

4235

Pcs 1  
Kg 41,5  
mc 0,31

EKTOR 3000/GINO500  
F60.364.000

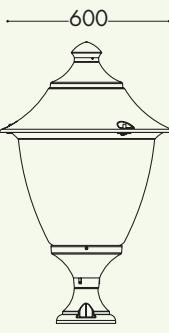
3735

Pcs 1  
Kg 38,5  
mc 0,28


Ø 275

**NEW LOT / GINO500**

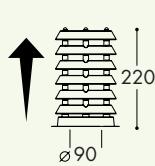
F60.115



970

Ø 200

Pcs 1  
Kg 9,2  
mc 0,12

**ALUMINIUM BREAKLIGHT**

**WHITE COLOUR**

CODE: H.FB6

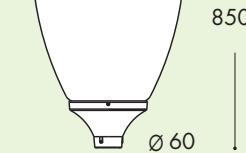
**CHROME**

CODE: H.FC6

**GINO500**

F60.000.000

600


 PAG. 54      E27 MAX 150 W      E27 - E40 MBF-SON-HQi

Moulded Colours: **Black - White  
Green - Grey**
Diffuser: **Transparent - Opal****REF.CODE**

GLS MAX	150W	E27		WITHOUT BALLAST
SL	25W	E27	F60.000.000	
CFL	23W	E27		
CLUSTERLITE	60W	E27		
CLUSTERLITE	100W	E27		
MBF	50W	E27	F60.000.M50	WITH BALLAST
	80W	E27	F60.000.M80	
	125W	E27	F60.000.M12	
SON	50W	E27	F60.000.S50	
	70W	E27	F60.000.S70	
	100W	E40	F60.000.S10	
	150W	E40	F60.000.S15	
HQi	70W	E27	F60.000.H70	
	100W	E40	F60.000.H10	
	150W	E40	F60.000.H15	



# GINO 500



GINO  
400



GINO  
500

**fumagalli®**



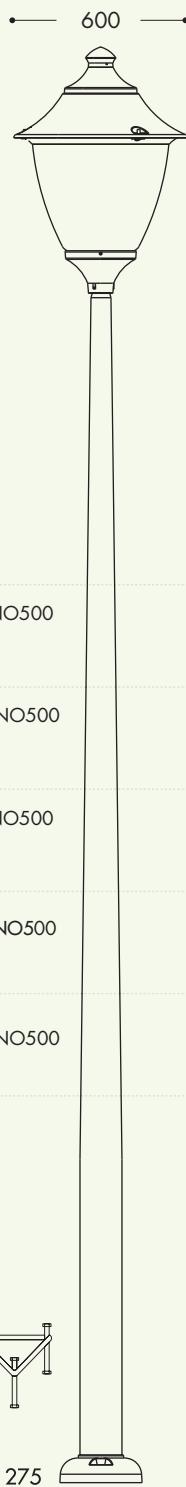
F60.253



F60.417.000



**AKILLE / GINO500**



AKILLE5000/GINO500  
F60.427.000

AKILLE4500 /GINO500  
F60.424.000

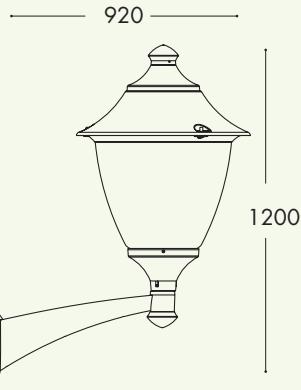
AKILLE4000/GINO500  
E60 421 000

AKILLE3500 /GINO500  
F60.417.000

AKILLE3000 /GINO500  
562.114.000

PILAR / GINO500

F60.253



1200

Pcs 1  
Kg 11,5  
mc 0,14

## **ALUMINIUM BREAKLIGHT**

## **WHITE COLOUR**

CODE: H.FB6

CHROME

CODE: H.FC6



Moulded Colours: **Black - White**  
**Green - Grey**

Diffuser: **Transparent - Opal**

REF.CODE			
GLS MAX	150W	E27	WITHOUT BALLAST
SL	25W	E27	
CFL	23W	E27	F60.000.000
CLUSTERLITE	60W	E27	
CLUSTERLITE	100W	E27	
MBF	50W	E27	F60.000.M50
	80W	E27	F60.000.M80
	125W	E27	F60.000.M12
SON	50W	E27	F60.000.S50
	70W	E27	F60.000.S70
	100W	E40	F60.000.S10
	150W	E40	F60.000.S15
HQI	70W	E27	F60.000.H70
	100W	E40	F60.000.H10
	150W	E40	F60.000.H15



A black and white graphic consisting of a stylized 'X' shape inside a square frame, with a partial circle to the right.



GLOBE  
400GLOBE  
500

**500MM PMMA GLOBE WITH MODERN BASE, UV RAYS STABILIZED, RUST AND CORROSION-FREE.  
MOULDED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED.  
SUITABLE FOR POST TOP, WALL AND HANGING INSTALLATION.  
INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING.**

GLOBO DIAM. 500 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 PARETE E A SOSPENSIONE.

CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO.



## VERSIONS AVAILABLE

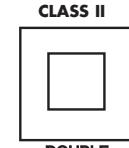
REF.CODE			
GLS MAX 100W E27			
SL 25W E27	G50.B50.M00		
CFL 23W E27			
CLUSTERLITE 60W E27			
MBF 50W E27	G50.B50.M00.M50		
80W E27	G50.B50.M00.M80		
125W E27	G50.B50.M00.M12		
SON 50W E27	G50.B50.M00.S50		
70W E27	G50.B50.M00.S70		
100W E40	G50.B50.M00.S10		
HQI 70W E27	G50.B50.M00.H70		
100W E40	G50.B50.M00.H10		
white breaklight	H.FB1	H.FB6	
chrome breaklight	H.FC1	H.FC6	
(upward)		(downward)	

The photometric data for all the versions are available upon request

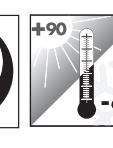
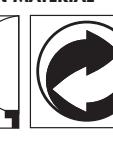
## PMMA GLOBE COLOURS



## MOULDED COLOURS



## RESIN MATERIAL



## GLOBE 500

1- 500mm **globe** in polymethylmethacrylate (PMMA), one piece only, UV stabilized, available in 3 different colour options: clear, opal or smoked

**Globo** diametro 500mm in polimetilmetacrilato (PMMA), stabilizzato ai raggi UV, realizzato in un unico pezzo, disponibile in colore trasparente, opale o fumè

2- 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.

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.

3- Luminaries **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.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzata 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.



2



3



ballast kit



rubber  
gasket



# PHOTOMETRIC DIAGRAMS

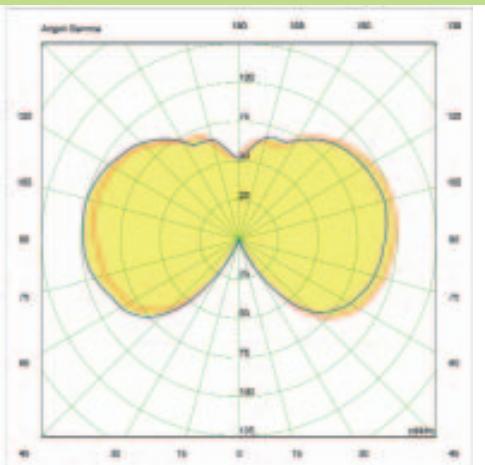
## GLOBE 500



### SON 70W Clear diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000h

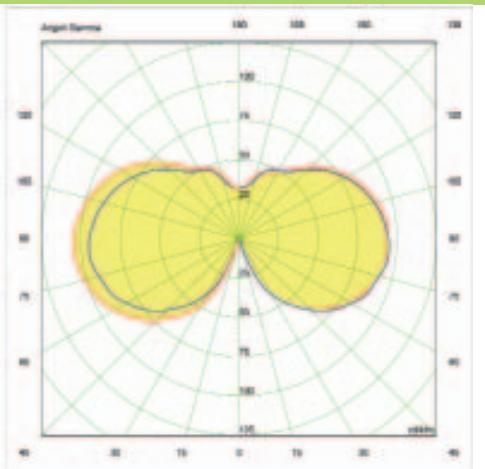
YELLOW LIGHT



### SON 100W Clear diffuser

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

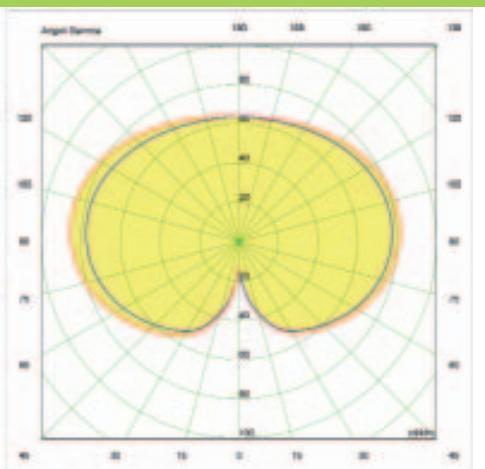
YELLOW LIGHT



### SON 70W Opal diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

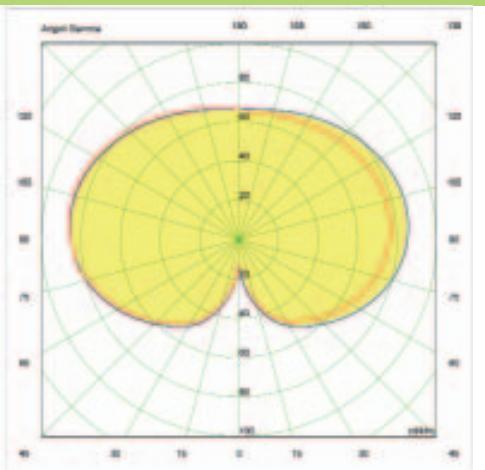
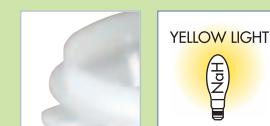
YELLOW LIGHT

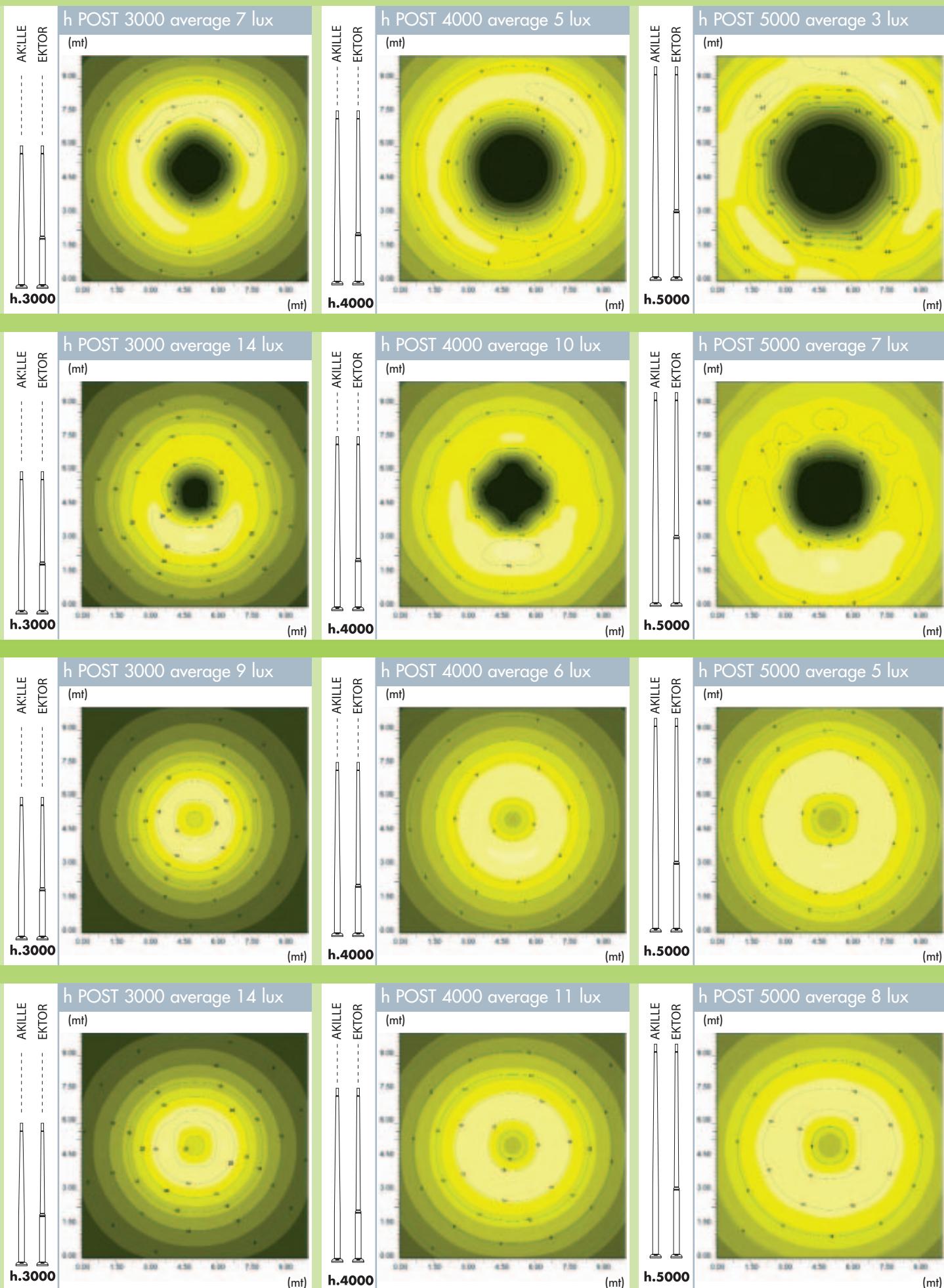


### SON 100W Opal diffuser

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

YELLOW LIGHT





# GLOBE 500

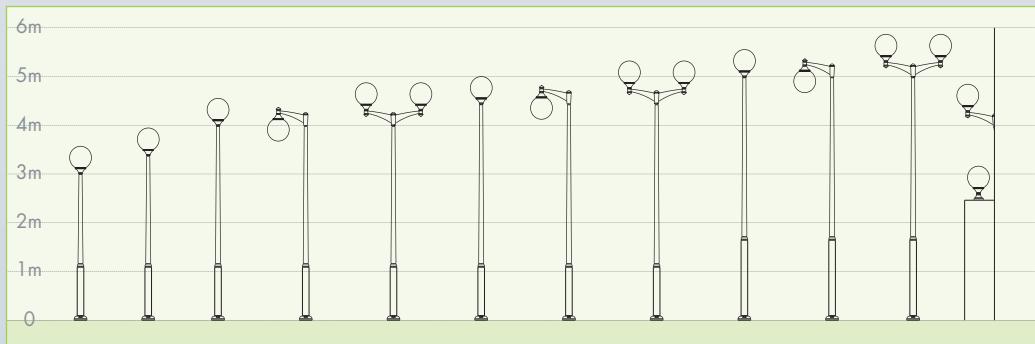


GLOBE  
400



GLOBE  
500





**EKTOR PILAR / GLOBE500 2L**

EKTOR5000 PILAR/GL500 2L  
G50.377.P20

5220      Pcs 1  
Kg 57,6  
mc 0,64

EKTOR4500 PILAR/GL500 2L  
G50.374.P20

4720      Pcs 1  
Kg 54,6  
mc 0,61

EKTOR4000 PILAR/GL500 2L  
G50.371.P20

4220      Pcs 1  
Kg 51,6  
mc 0,58

**EKTOR PILAR / GLOBE500 1L**

EKTOR5000 PILAR/GL500 1L  
G50.377.P10

5220      Pcs 1  
Kg 51  
mc 0,45

EKTOR4500 PILAR/GL500 1L  
G50.374.P10

4720      Pcs 1  
Kg 48  
mc 0,42

EKTOR4000 PILAR/GL500 1L  
G50.371.P10

4220      Pcs 1  
Kg 45  
mc 0,39

**ALUMINIUM BREAKLIGHT**

**WHITE COLOUR**  
CODE: H.FB1

**CHROME**  
CODE: H.FC1

**WHITE COLOUR**  
CODE: H.FB6

**CHROME**  
CODE: H.FC6

**EKTOR / GLOBE500**

500      Ø 500  
Pcs 1  
Kg 46,7  
mc 0,42

5495      EKTOR5000/GL500  
G50.377.000

4995      EKTOR4500/GL500  
G50.374.000

4495      EKTOR4000/GL500  
G50.371.000

3995      EKTOR3500/GL500  
G50.367.000

3495      EKTOR3000/GL500  
G50.364.000

Ø 275

**GLOBE 500**

G50.B50.M00

500

PAG. 62      E27 MAX 100 W      E27 MBF-SON-HQI

Moulded colours: Black - White  
Green - Grey  
Diffuser: Transparent - Opal - Smoked

<b>ALUMINIUM BREAKLIGHT</b>	<b>WHITE COLOUR</b> CODE: H.FB1			220
	<b>CHROME</b> CODE: H.FC1			Ø 90
	<b>WHITE COLOUR</b> CODE: H.FB6			220
	<b>CHROME</b> CODE: H.FC6			Ø 90

# GLOBE 500



GLOBE  
400



GLOBE  
500

 fumagalli®



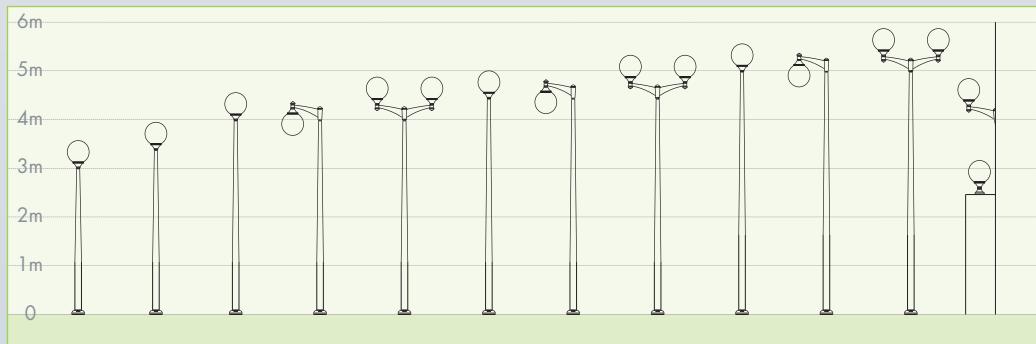
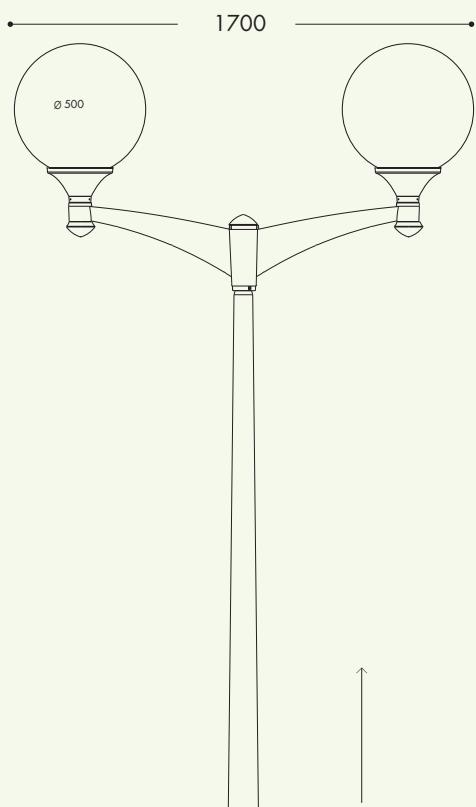
G50.253

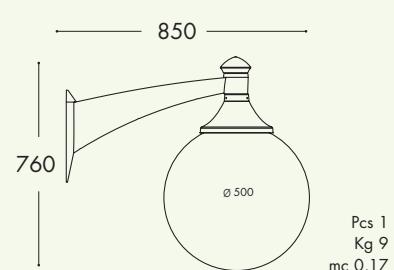
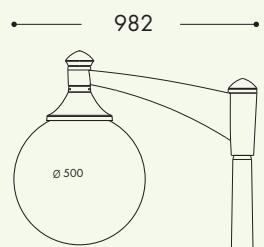


G50.426.P20



G50.419.000

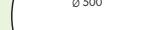
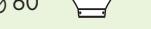

**AKILLE PILAR / GLOBE500 2L**

**AKILLE5000 PILAR/GL500 2L  
G50.427.P20**
**5525**  
Pcs 1  
Kg 57,6  
mc 0,64

**PILAR / GLOBE500**
**G50.253**

**AKILLE PILAR / GLOBE500 1L**

**AKILLE5000 PILAR/GL500 1L  
G50.427.P10**
**5220**  
Pcs 1  
Kg 51  
mc 0,45

**AKILLE4500 PILAR/GL500 1L  
G50.424.P10**
**4720**  
Pcs 1  
Kg 48  
mc 0,42

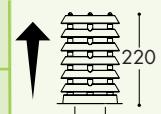
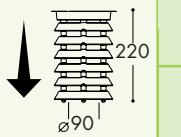
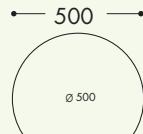
**AKILLE4000 PILAR/GL500 1L  
G50.421.P10**
**4220**  
Pcs 1  
Kg 45  
mc 0,39

**AKILLE / GLOBE500**
**GLOBE 500**
**G50.B50.M00**

**500**

**640**

**60**

**PAG. 62**

**E27  
MAX 100 W**

**E27 - E40  
MBF-SON-HQI**
**Moulded colours: Black - White  
Green - Grey**
**Diffuser: Transparent - Opal - Smoked**
**ALUMINIUM BREAKLIGHT**
**WHITE COLOUR**
**CODE: H.FB1**

**CHROME**
**CODE: H.FC1**

**WHITE COLOUR**
**CODE: H.FB6**
**CHROME**
**CODE: H.FC6**
**AKILLE / GLOBE500**

**AKILLE5000/GL500  
G50.427.000**
**5490**  
Pcs 1  
Kg 46,7  
mc 0,42

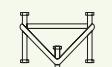
**AKILLE4500/GL500  
G50.424.000**
**4990**  
Pcs 1  
Kg 43,7  
mc 0,39

**AKILLE4000/GL500  
G50.421.000**
**4490**  
Pcs 1  
Kg 40,7  
mc 0,37

**AKILLE3500/GL500  
G50.417.000**
**3990**  
Pcs 1  
Kg 37,7  
mc 0,34

**AKILLE3000/GL500  
G50.414.000**
**3490**  
Pcs 1  
Kg 34,7  
mc 0,32

**Ø 275**

**Ø 275**

**Ø 275**

# LARGE SIZE





**NEW**

# VIVI 400

VIVI  
400VIVI  
500

**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST, WALL AND HANGING INSTALLATION. INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING, HORIZONTAL BULB OR EQUIPPED WITH LED PLATE.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA. IDONEO PER IL MONTAGGIO A PALO, PARETE E A SOSPENSIONE. CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO, LAMPADINA ORIZZONTALE O EQUIPAGGIATO CON PIATTO A LED.

480

**DIMENSIONS AND WEIGHT**

Height 420 mm

Width Ø 480 mm.

Weight: 3,7 Kg

(excluding electrical components)

Junction to the support:

diameter 60 mm

AREA EXPOSED TO WIND PRESSURE

CxS = 0,1449 m<sup>2</sup>

Ø60

420



MBF MERCURY VAPOR



SON SODIUM VAPOR



HQI METAL HALIDE

**VERSIONS AVAILABLE**

REF.CODE

GLS MAX	100W	E27	V50.000.000	WITHOUT BALLAST
SL	25W	E27		
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	V50.000.M50	WITH BALLAST
	80W	E27		
	125W	E27		
SON	50W	E27		
	70W	E27	V50.000.S50	
	100W	E40	V50.000.S10	
HQI	70W	E27	V50.000.H70	
	100W	E40	V50.000.H10	
LED	55W	/	V50.000.L55	

The photometric data for all the versions are available upon request

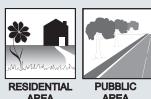
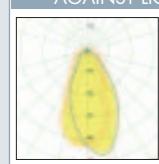
**NEW****LED VERSION AVAILABLE**

For technical details about the led equipment refer to page 57

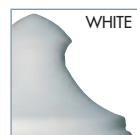
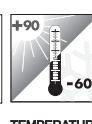
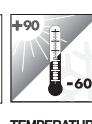
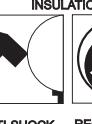


LED

55 LED x 1W

LUMINOUS FLUX  
3200 lmCOLOR TEMP.  
KELVIN  
6000K**INSTALLATION****SUITABLE FOR****PMMA DIFFUSERS COLOURS****HORIZONTAL BULB AGAINST LIGHT POLLUTION**

VIVI 400  
with clear diffuser  
ref: STANDARD  
UNI10819

**MOULDED COLOURS**

## E27-E40 version

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

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

2- High temperature resistant **ceiling** made in white polycarbonate (PC), UV rays stabilized, suitable for ballast fixation on its upper side and provided with lampholder seat on its lower side, suitable to fix the bulb in horizontal position.

**Soffitto** realizzato in policarbonato bianco (PC) ad alta resistenza al calore, stabilizzato ai raggi UV, nella cui parte superiore possono essere fissati gli ausiliari elettrici e nella cui parte inferiore si trova l'alloggiamento del portalampada atto a sostenere la lampadina in posizione orizzontale.

3- Parabolic **reflector** made in anodized aluminium, fixed under the polycarbonate ceiling, designed to optimize the light distribution and to limit the skyward dispersion of the luminous flux, according to the international regulations against light pollution and in particular the standard UNI 10819

**Parabola** riflettente realizzata in alluminio anodizzato, alloggiata all'interno del soffitto in policarbonato, progettata per ottimizzare la distribuzione del flusso luminoso e limitarne la dispersione verso il cielo in ottemperanza alle norme internazionali sull'inquinamento luminoso ed in particolare alla norma UNI 10819

4- Luminarie **diffuser** of UV stabilized polymethylmethacrylate (PMMA), one piece only, available in clear or opal colour.

**Diffusore** realizzato in polimetilmetacrilato (PMMA) stabilizzato ai raggi UV, un pezzo unico, disponibile in colore trasparente o opale

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaries diffuser.

**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio



# PHOTOMETRIC DIAGRAMS

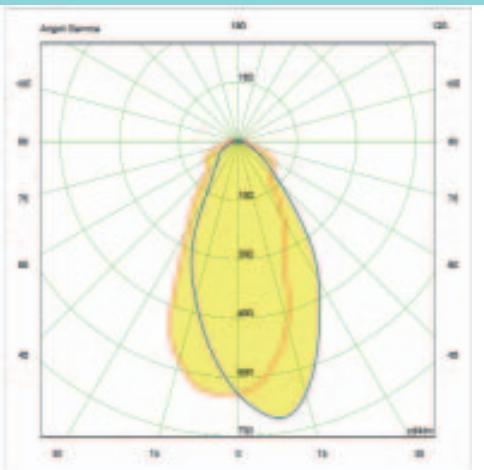
## VIVI 400



### SON 70W Clear diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

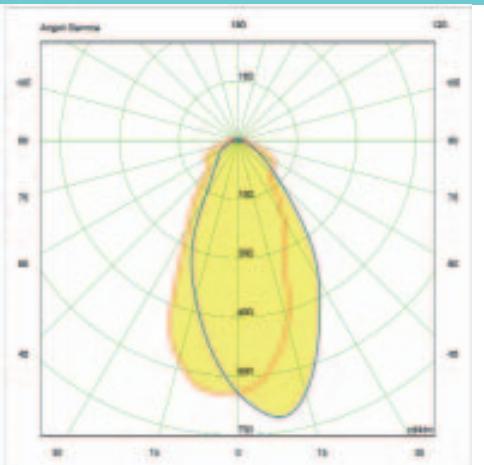
YELLOW LIGHT



### SON 100W Clear diffuser

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

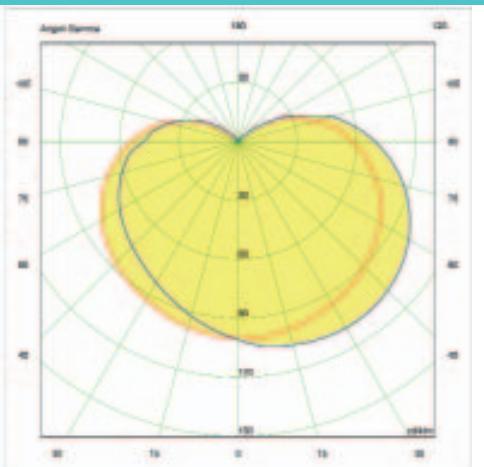
YELLOW LIGHT



### HQI 70W Opal diffuser

WATT 70  
LUMEN 6.000  
LIFE TIME 9.000 h

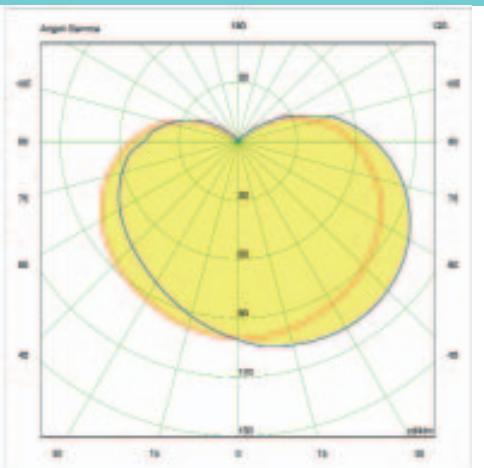
WHITE LIGHT

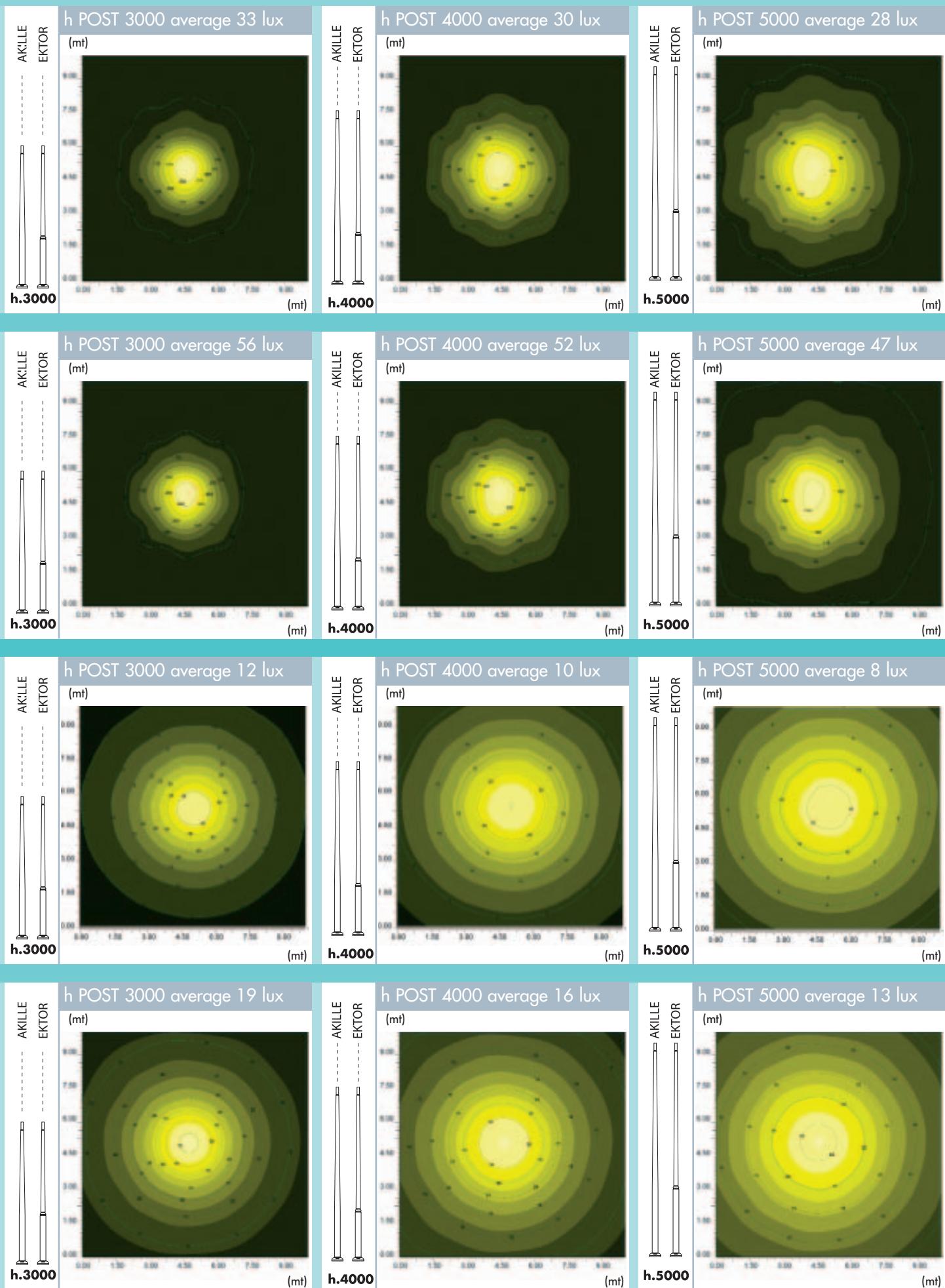


### HQI 100W Opal diffuser

WATT 100  
LUMEN 9.000  
LIFE TIME 9.000 h

WHITE LIGHT





# VIVI 400



VIVI  
400



VIVI  
500

 fumagalli®



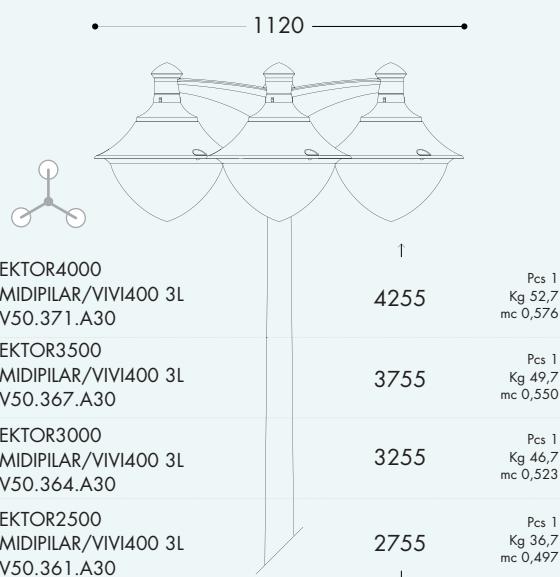
V50.129



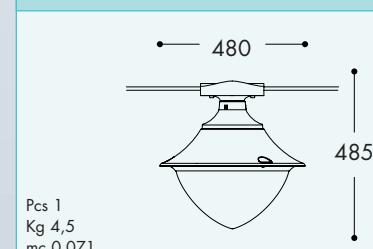
V50.364.A20

**EKTOR MIDIPILAR / VIVI 400 3L**

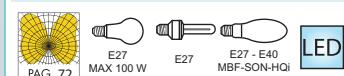
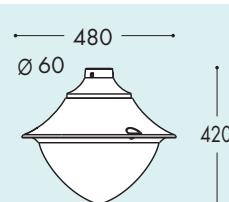
Available from end 2009


**MARIO / VIVI 400**

V50.129


**VIVI 400**

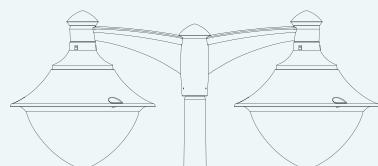
V50.000


 Molded Colors: Black - White  
Green - Grey

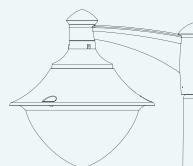
Diffuser: Transparent - Opal

**EKTOR MIDIPILAR / VIVI 400 2L**

1220


**EKTOR MIDIPILAR/ VIVI 400 1L**

745


 EKTOR4000  
MIDIPILAR/VIVI400 1L  
V50.371.A10

 EKTOR3500  
MIDIPILAR/VIVI400 1L  
V50.367.A10

 EKTOR3000  
MIDIPILAR/VIVI400 1L  
V50.364.A10

 EKTOR2500  
MIDIPILAR/VIVI400 1L  
V50.361.A10

 EKTOR4000  
MIDIPILAR/VIVI400 1L  
V50.371.A10

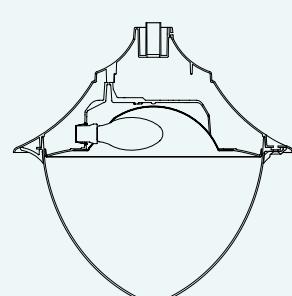
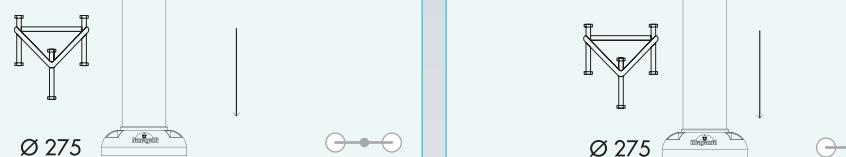
 EKTOR3500  
MIDIPILAR/VIVI400 1L  
V50.367.A10

 EKTOR3000  
MIDIPILAR/VIVI400 1L  
V50.364.A10

 EKTOR2500  
MIDIPILAR/VIVI400 1L  
V50.361.A10

**REF.CODE**

GLS MAX	100W	E27		WITHOUT BALLAST
SL	25W	E27	V50.000.000	
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	V50.000.M50	
	80W	E27	V50.000.M80	
	125W	E27	V50.000.M12	
SON	50W	E27	V50.000.S50	
	70W	E27	V50.000.S70	
	100W	E40	V50.000.S10	
HQI	70W	E27	V50.000.H70	
	100W	E40	V50.000.H10	
LED	55W	/	V50.000.L55	


**HORIZONTAL BULB**

**CEILING AND REFLECTOR**


# VIVI 400

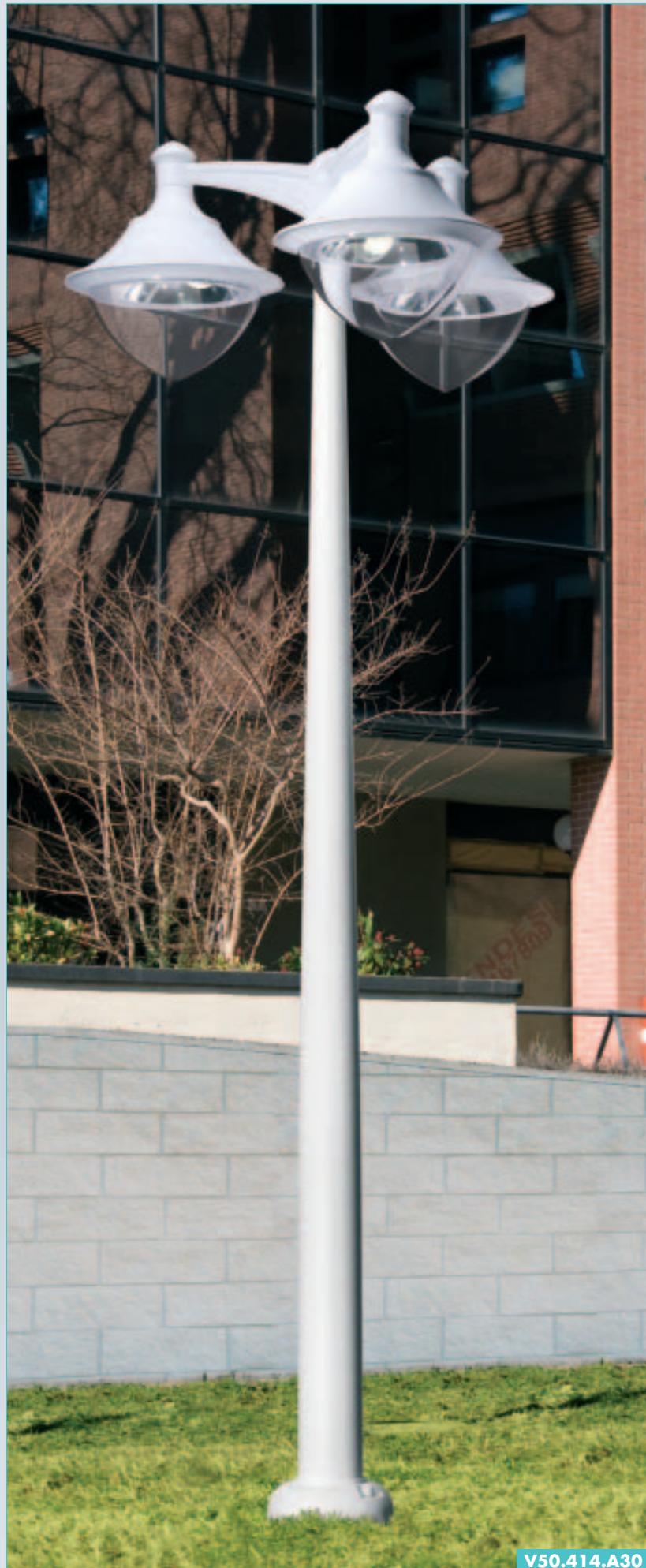


VIVI  
400



VIVI  
500

 fumagalli®



V50.414.A30



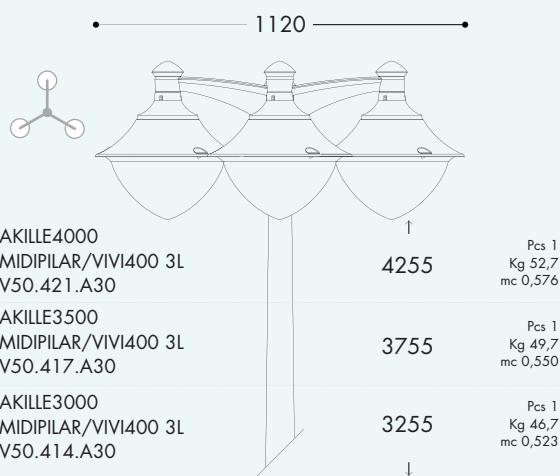
V50.115



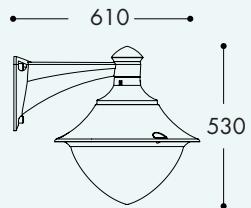
V50.254

**AKILLE MIDIPILAR / VIVI 400 3L**

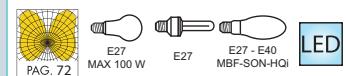
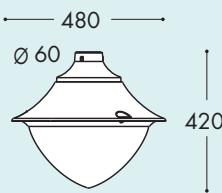
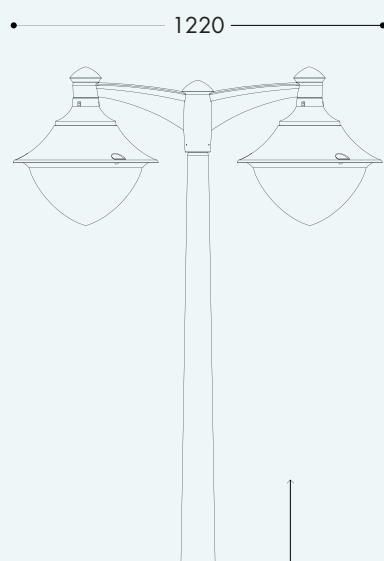
Available from end 2009


**MIDIPILAR/ VIVI 400**

V50.254


**VIVI400**

V50.000


**AKILLE MIDIPILAR / VIVI 400 2L**


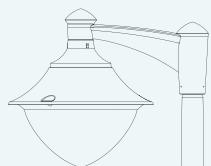
AKILLE4000  
MIDIPILAR/VIVI400 2L  
V50.421.A20

AKILLE3500  
MIDIPILAR/VIVI400 2L  
V50.417.A20

AKILLE3000  
MIDIPILAR/VIVI400 2L  
V50.414.A20

**AKILLE MIDIPILAR/ VIVI 400 1L**

745



AKILLE4000  
MIDIPILAR/VIVI400 1L  
V50.421.A10

AKILLE3500  
MIDIPILAR/VIVI400 1L  
V50.417.A10

AKILLE3000  
MIDIPILAR/VIVI400 1L  
V50.414.A10

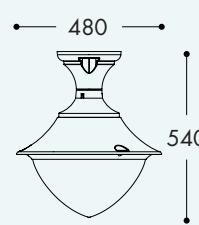
 Molded Colours: **Black - White  
Green - Grey**

 Diffuser: **Transparent - Opal**
**REF.CODE**

GLS MAX	100W	E27		WITHOUT BALLAST
SL	25W	E27	V50.000.000	
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	V50.000.M50	WITH BALLAST
	80W	E27	V50.000.M80	
	125W	E27	V50.000.M12	
	SON	E27	V50.000.S50	
	70W	E27	V50.000.S70	
	100W	E40	V50.000.S10	
HQI	70W	E27	V50.000.H70	
	100W	E40	V50.000.H10	
LED	55W	/	V50.000.L55	


**NEW LOT / VIVI 400**

V50.115


 Pcs 1  
Kg 4,5  
mc 0,071



**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST AND WALL INSTALLATION.**

**INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA.

IDONEO PER IL MONTAGGIO A PALO E A PARETE.

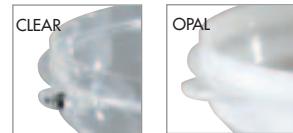
CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO.

## VERSIONS AVAILABLE

REF.CODE			
GLS MAX	100W	E27	
SL	25W	E27	R50.000.000
CFL	23W	E27	
CLUSTERITE	60W	E27	
CLUSTERITE	100W	E27	
MBF	50W	E27	R50.000.M50
	80W	E27	R50.000.M80
	125W	E27	R50.000.M12
SON	50W	E27	R50.000.S50
	70W	E27	R50.000.S70
	100W	E40	R50.000.S10
HQI	70W	E27	R50.000.H70
	100W	E40	R50.000.H10
white breaklight		H.FB6	
chrome breaklight		H.FC6	

The photometric data for all the versions are available upon request

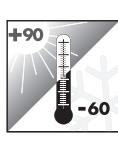
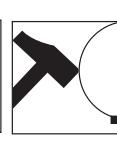
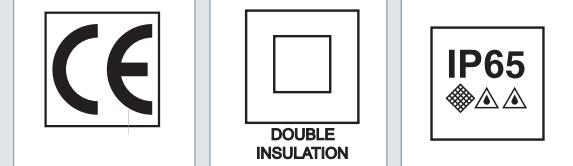
### PMMA DIFFUSERS COLOURS



### MOULDED COLOURS



### PROTECTION



### DIMENSIONS AND WEIGHT

Height 715 mm

Width Ø480 mm.

Weight: 5,9, Kg

(excluding electrical components)

Junction to the support:

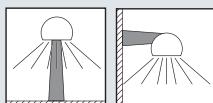
diameter Ø 60 mm

AREA EXPOSED TO WIND PRESSURE

CxS = 0,157 m<sup>2</sup>



### SUITABLE FOR:



### INSTALLATION



RESIDENTIAL AREA

PUBLIC AREA

# REMO 400

1- Decorative **pinnacle** to be mounted on the roof top.  
**Pinnacolo** decorativo da fissare sopra il tetto.

2- **Roof** made in shockproof resin material, one piece only, UV rays stabilized, rust and corrosion-free.  
**Tetto** in un unico pezzo, realizzato in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

3- Parabolic **reflector** made in anodized aluminium and fixed under the luminaries roof, to optimize the light efficiency performance and to allow a uniform light distribution.

**Parabola** riflettente realizzata in alluminio anodizzato fissata sotto il tetto del diffusore per ottimizzare il rendimento luminoso e permettere una uniforme distribuzione della luce

4- Luminarie **diffuser** of UV stabilized polymethylmethacrylate (PMMA), one piece only, available in clear or opal colour.

**Diffusore** realizzato in polimetilmetacrilato (PMMA) stabilizzato ai raggi UV, un pezzo unico, disponibile in colore trasparente o opale

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaries diffuser.

**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio

6- 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.

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.

7- Luminaries **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.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzata 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.



# PHOTOMETRIC DIAGRAMS

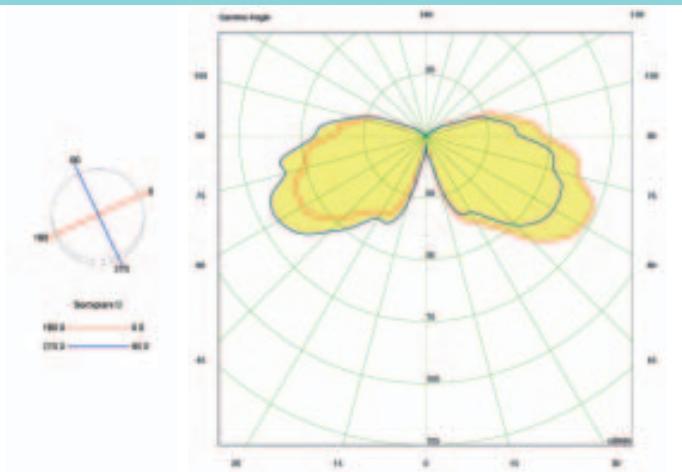
## REMO 400



### SON 70W Clear diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

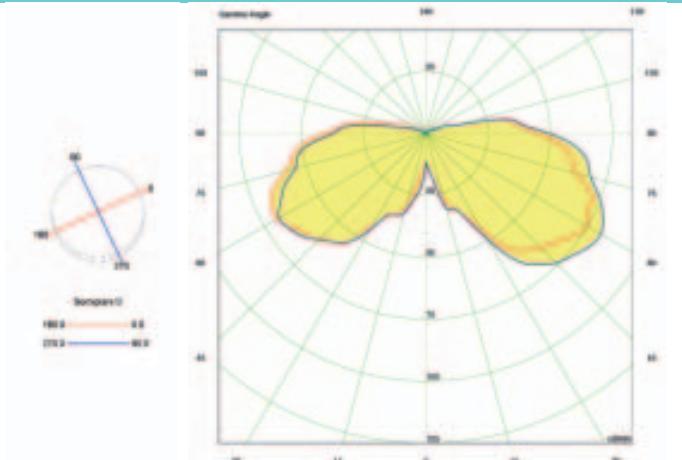
YELLOW LIGHT



### SON 100W Clear diffuser

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

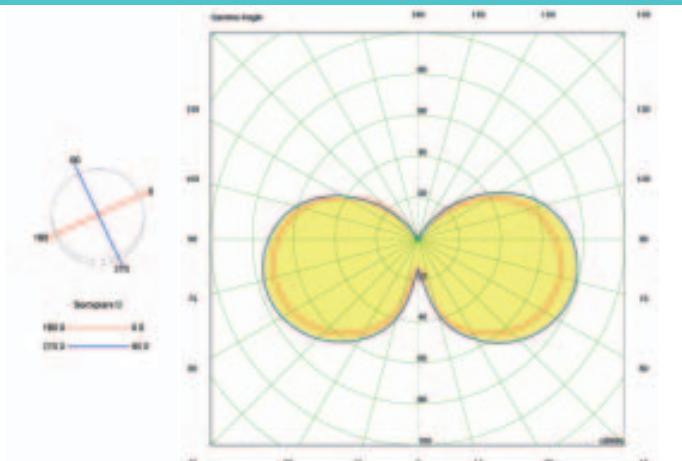
YELLOW LIGHT



### HQI 70W Opal diffuser

WATT 70  
LUMEN 6.000  
LIFE TIME 9.000 h

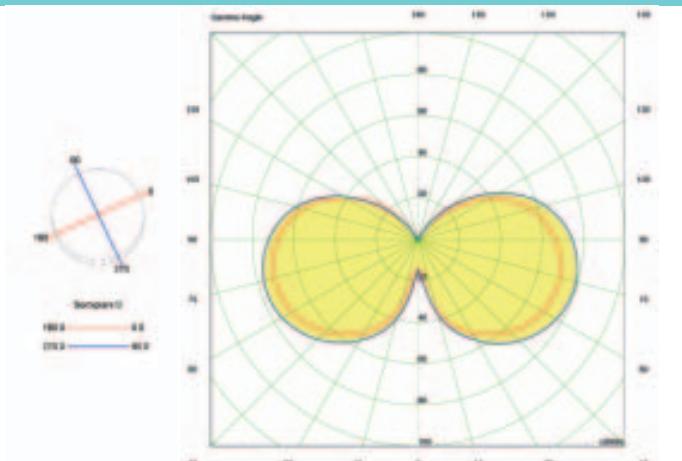
WHITE LIGHT

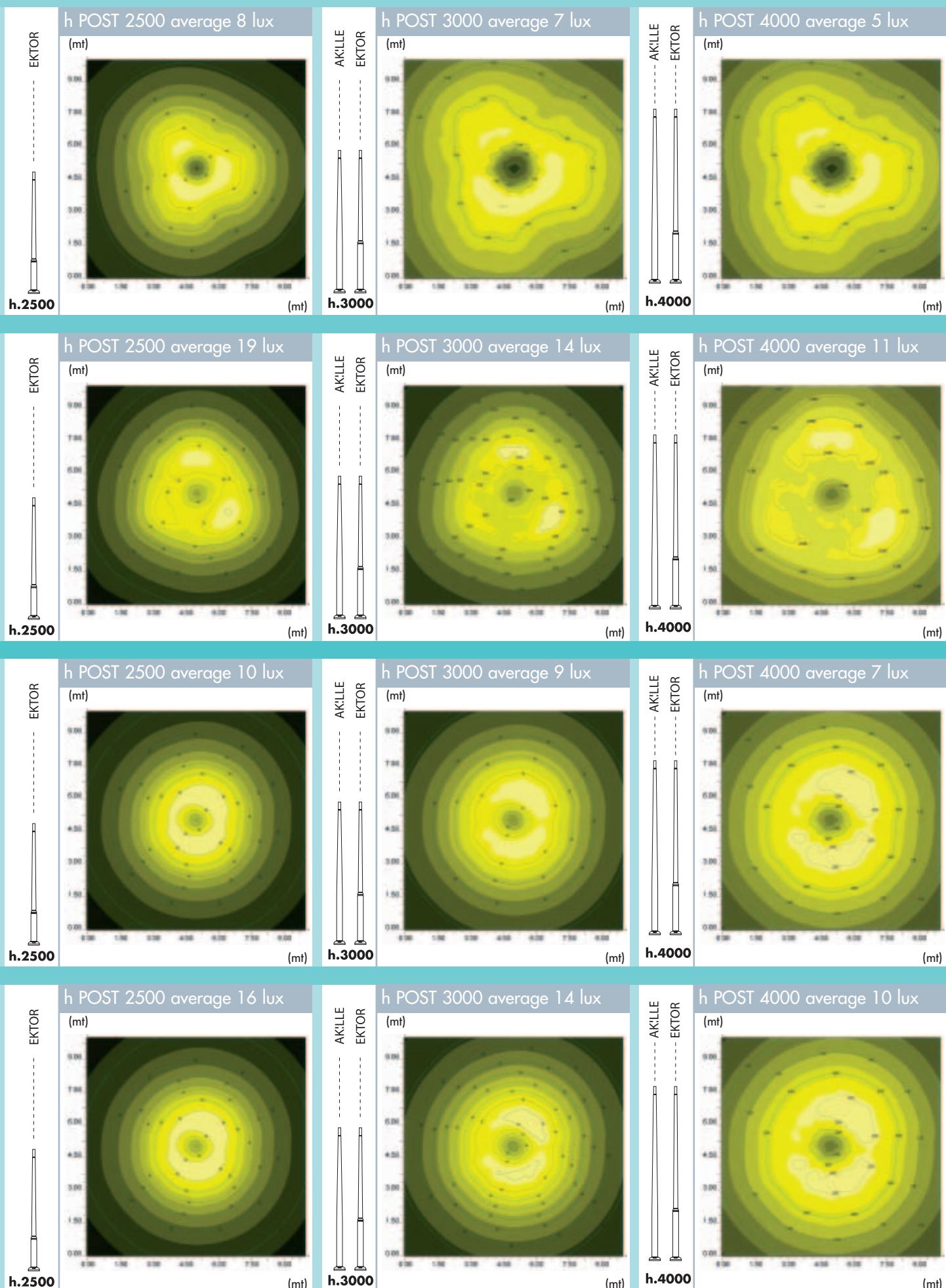


### HQI 100W Opal diffuser

WATT 100  
LUMEN 9.000  
LIFE TIME 9.000 h

WHITE LIGHT



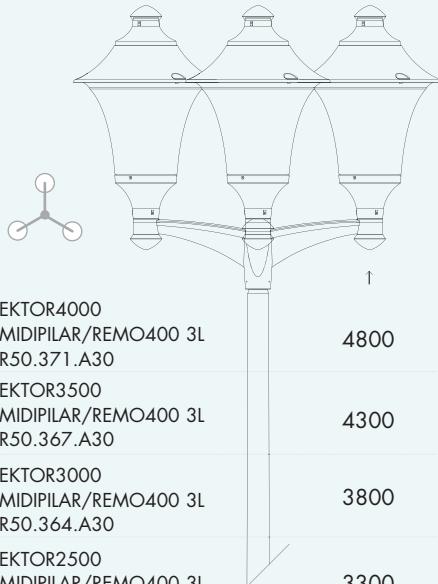


# REMO 400



**EKTOR MIDIPILAR / REMO 400 3L**

Available from end 2009

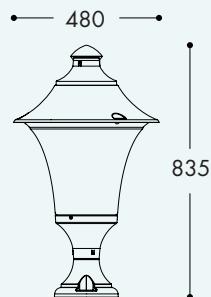
	1120	
		
EKTOR4000 MIDIPILAR/REMO400 3L R50.371.A30	4800	Pcs 1 Kg 59,3 mc 0,594
EKTOR3500 MIDIPILAR/REMO400 3L R50.367.A30	4300	Pcs 1 Kg 56,3 mc 0,568
EKTOR3000 MIDIPILAR/REMO400 3L R50.364.A30	3800	Pcs 1 Kg 53,3 mc 0,541
EKTOR2500 MIDIPILAR/REMO400 3L R50.361.A30	3300	Pcs 1 Kg 43,3 mc 0,515

**EKTOR / REMO 400**

	480	
		
EKTOR4000/REMO400 R50.371.000	4600	Pcs 1 Kg 41,8 mc 0,294
EKTOR3500/REMO400 R50.367.000	4100	Pcs 1 Kg 38,9 mc 0,268
EKTOR3000/REMO400 R50.364.000	3600	Pcs 1 Kg 35,9 mc 0,241
EKTOR2500/REMO400 R50.361.000	3100	Pcs 1 Kg 25,9 mc 0,215

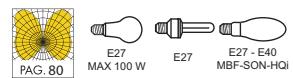
**NEW LOT / REMO 400**

R50.115

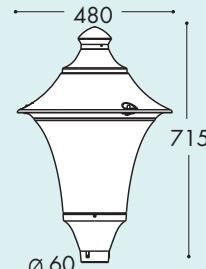


835

R50.115

 Pcs 1  
Kg 6,5  
mc 0,077

**REMO 400**

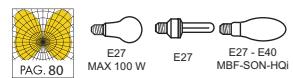
R50.000



715

480

Ø 60


 Molded Colours: **Black - White**  
**Green - Grey**

 Diffuser: **Transparent - Opal**

REF.CODE

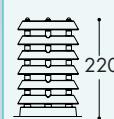
GLS MAX	100W	E27		WITHOUT BALLAST
SL	25W	E27		
CFL	23W	E27	R50.000.000	
CLUSTERLITE	60W	E27		
CLUSTERLITE	100W	E27		
MBF	50W	E27	R50.000.M50	WITH BALLAST
	80W	E27	R50.000.M80	
	125W	E27	R50.000.M12	
SON	50W	E27	R50.000.S50	
	70W	E27	R50.000.S70	
	100W	E40	R50.000.S10	
HQI	70W	E27	R50.000.H70	
	100W	E40	R50.000.H10	
white breaklight			H.FB6	
chrome breaklight			H.FC6	


**ALUMINIUM BREAKLIGHT**
**WHITE COLOUR**

CODE: H.FB6

**CHROME**

CODE: H.FC6



220

Ø 90

 EKTOR4000  
MIDIPILAR/VIVI400 2L  
R50.371.A20

 4800  
Pcs 1  
Kg 51,5  
mc 0,397

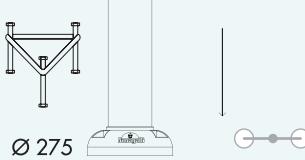
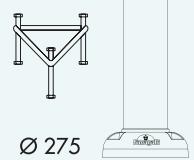
 EKTOR3500  
MIDIPILAR/VIVI400 2L  
R50.367.A20

 4300  
Pcs 1  
Kg 48,5  
mc 0,370

 EKTOR3000  
MIDIPILAR/VIVI400 2L  
R50.364.A20

 3800  
Pcs 1  
Kg 45,5  
mc 0,344

 EKTOR2500  
MIDIPILAR/VIVI400 2L  
R50.361.A20

 3300  
Pcs 1  
Kg 35,5  
mc 0,318


# REMO 400



REMO  
400



REMO  
500

 fumagalli®



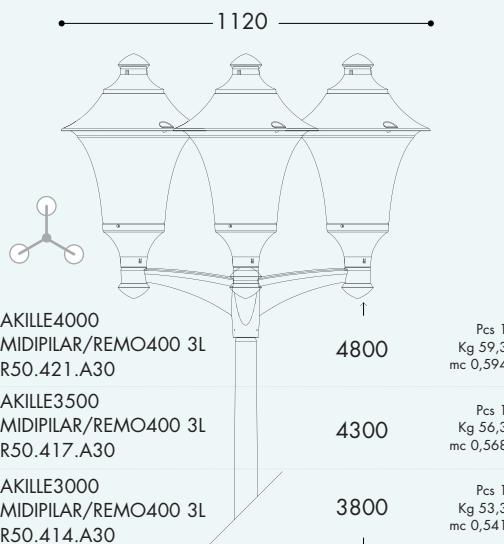
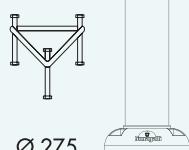
R50.254



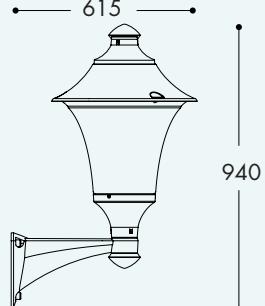
R50.421

**AKILLE MIDIPILAR / REMO 400 3L**

Available from end 2009


**AKILLE / REMO 400**

**MIDIPILAR / REMO 400**

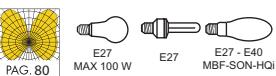
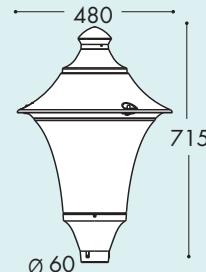
R50.254



Pcs 1  
Kg 9,2  
mc 0,098

**REMO 400**

R50.000


 Moulded Colours: **Black - White  
Green - Grey**

 Diffuser: **Transparent - Opal**
**REF.CODE**

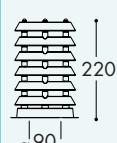
	GLS MAX	100W	E27	WITHOUT BALLAST
SL	25W	E27		
CFL	23W	E27		
CLUSTERLITE	60W	E27		
CLUSTERLITE	100W	E27		
MBF	50W	E27	R50.000.M50	WITH BALLAST
	80W	E27	R50.000.M80	
	125W	E27	R50.000.M12	
SON	50W	E27	R50.000.S50	
	70W	E27	R50.000.S70	
	100W	E40	R50.000.S10	
HQI	70W	E27	R50.000.H70	
	100W	E40	R50.000.H10	
white breaklight			H.FB6	
chrome breaklight			H.FC6	


**ALUMINIUM BREAKLIGHT**
**WHITE COLOUR**

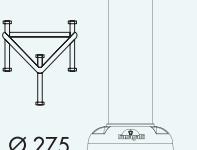
CODE: H.FB6

**CHROME**

CODE: H.FC6



AKILLE4000 MIDIPILAR/REMO400 2L R50.421.A20	4800	Pcs 1 Kg 51,5 mc 0,397
AKILLE3500 MIDIPILAR/REMO400 2L R50.417.A20	4300	Pcs 1 Kg 48,5 mc 0,370
AKILLE3000 MIDIPILAR/REMO400 2L R50.414.A20	3800	Pcs 1 Kg 45,5 mc 0,344





GINO  
400



GINO  
500

**MODERN LUMINARIES MADE IN SHOCKPROOF RESIN MATERIAL, UV RAYS STABILIZED, RUST AND CORROSION-FREE. MODULED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED. SUITABLE FOR POST AND WALL INSTALLATION.**

**INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING.**

DIFFUSORE MODERNO REALIZZATO IN RESINA ANTIURTO, STABILIZZATA AI RAGGI UV, INATTACCABILE DA RUGGINE E CORROSIONE, COLORE STAMPATO IN PASTA, NON NECESSITA DI VERNICIATURA.

IDONEO PER IL MONTAGGIO A PALO E A PARETE.

CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO.

480

#### DIMENSIONS AND WEIGHT

Height 715 mm

Width Ø 480 mm.

Weight: 5,7 Kg

(excluding electrical components)

Junction to the support:

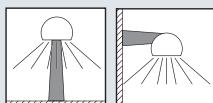
diameter Ø 60 mm

AREA EXPOSED TO WIND PRESSURE

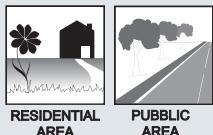
CxS = 0,157 m<sup>2</sup>



#### SUITABLE FOR:



#### INSTALLATION



RESIDENTIAL AREA

PUBLIC AREA

#### VERSIONS AVAILABLE

REF.CODE



MBF MERCURY VAPOR

SON SODIUM VAPOR  
HQI METAL HALIDE

	GLS MAX	100W	E27	
SL	25W	E27		F50.000.000
CFL	23W	E27		
CLUSTERLITE	60W	E27		
CLUSTERLITE	100W	E27		
MBF	50W	E27		F50.000.M50
	80W	E27		F50.000.M80
	125W	E27		F50.000.M12
SON	50W	E27		F50.000.S50
	70W	E27		F50.000.S70
	100W	E40		F50.000.S10
HQI	70W	E27		F50.000.H70
	100W	E40		F50.000.H10
white breaklight				H.FB6
chrome breaklight				H.FC6

WITHOUT BALLAST

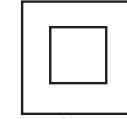
WITH BALLAST

The photometric data for all the versions are available upon request

#### PMMA DIFFUSERS COLOURS



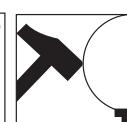
#### MOULDED COLOURS



#### PROTECTION



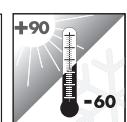
UV  
COLOURS  
IN PASTE



ANTI-SHOCK



RECYCLABLE



+90  
-60

## GINO 400

1- Decorative **pinnacle** to be mounted on the roof top.  
**Pinnacolo** decorativo da fissare sopra il tetto.

2- **Roof** made in shockproof resin material, one piece only, UV rays stabilized, rust and corrosion-free.  
**Tetto** in un unico pezzo, realizzato in resina antiurto, stabilizzata ai raggi UV, inattaccabile da ruggine e corrosione.

3- Parabolic **reflector** made in anodized aluminium and fixed under the luminaries roof, to optimize the light efficiency performance and to allow a uniform light distribution.

**Parabola** riflettente realizzata in alluminio anodizzato fissata sotto il tetto del diffusore per ottimizzare il rendimento luminoso e permettere una uniforme distribuzione della luce

4- Luminarie **diffuser** of UV stabilized polymethylmethacrylate (PMMA), one piece only, available in clear or opal colour.

**Diffusore** realizzato in polimetilmetacrilato (PMMA) stabilizzato ai raggi UV, un pezzo unico, disponibile in colore trasparente o opale

5- Decorative connection **ring** with aerodynamic properties to be fixed on the luminaries diffuser.

**Anello** decorativo di connessione con proprietà aerodinamiche da fissare sul diffusore dell'apparecchio

6- 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.

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.

7- Luminaries **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.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzata 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.



# PHOTOMETRIC DIAGRAMS

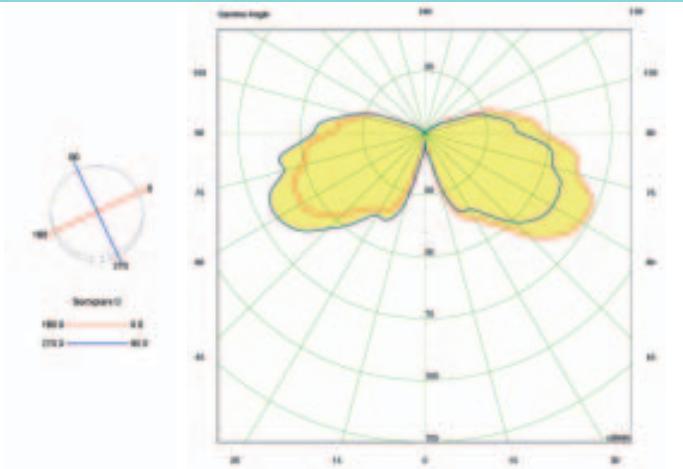
## GINO 400



### SON 70W Clear diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

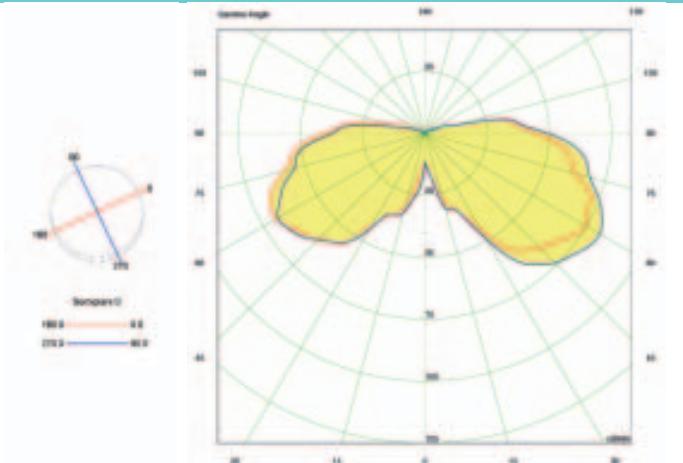
YELLOW LIGHT



### SON 100W Clear diffuser

WATT 100  
LUMEN 10.000  
LIFE TIME 9.000 h

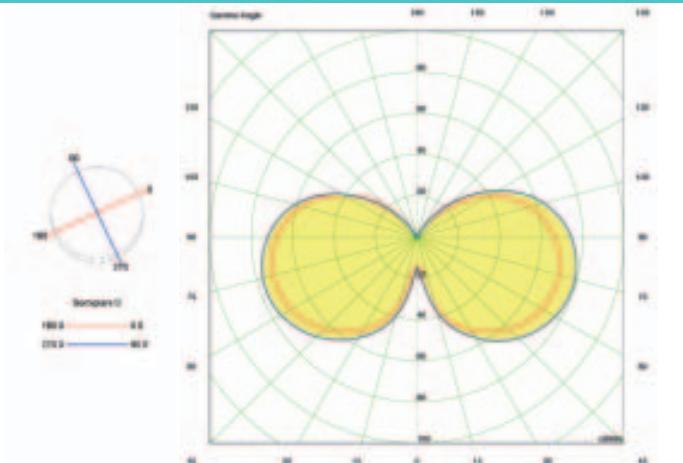
YELLOW LIGHT



### HQI 70W Opal diffuser

WATT 70  
LUMEN 6.000  
LIFE TIME 9.000 h

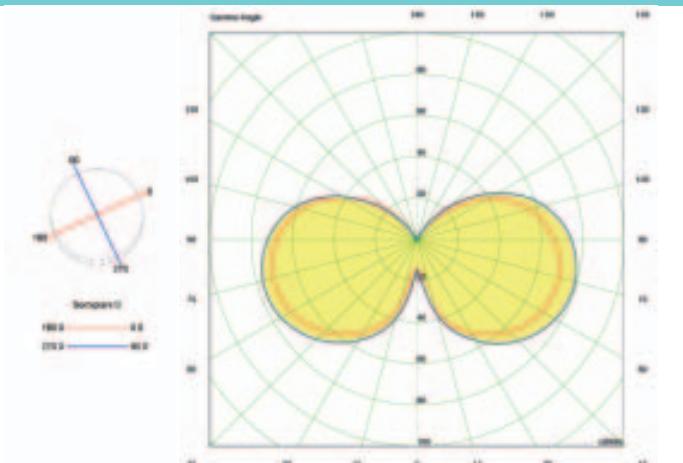
WHITE LIGHT

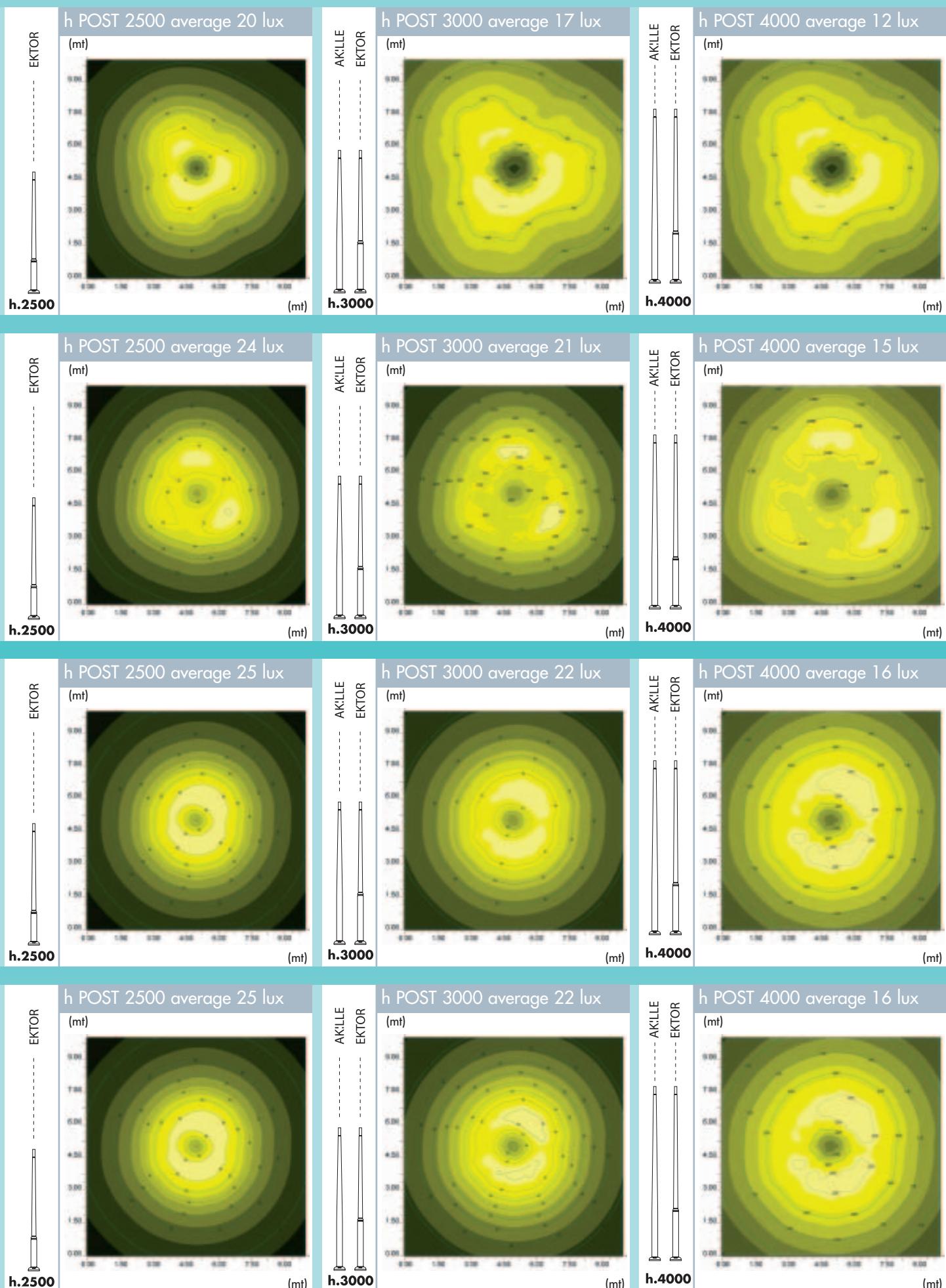


### HQI 100W Opal diffuser

WATT 100  
LUMEN 9.000  
LIFE TIME 9.000 h

WHITE LIGHT





# GINO 400



GINO  
400

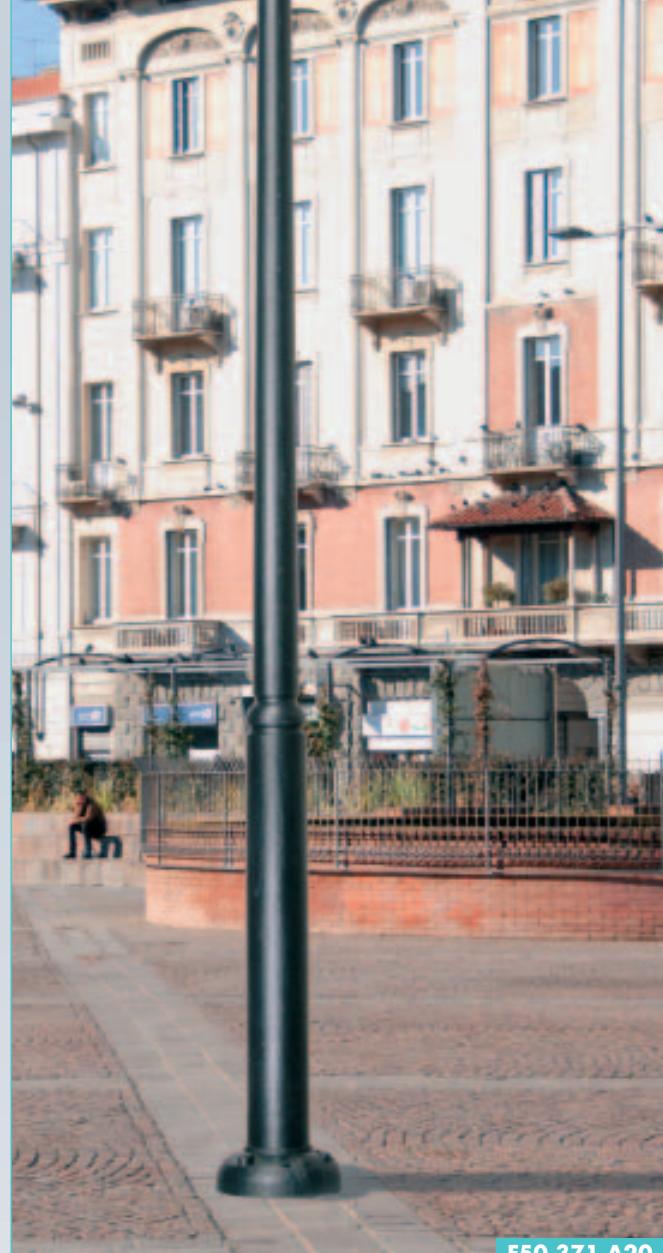


GINO  
500

 **fumagalli®**



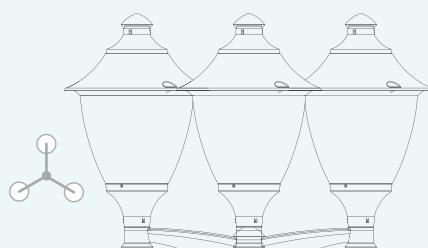
F50.115



F50.371.A20

**EKTOR MIDIPILAR / GINO 400 3L**

Available from end 2009

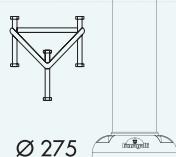
	1120	
	4800	Pcs 1 Kg 59,3 mc 0,594
EKTOR4000 MIDIPILAR/GINO400 3L F50.371.A30	4800	
EKTOR3500 MIDIPILAR/GINO400 3L F50.367.A30	4300	Pcs 1 Kg 56,3 mc 0,568
EKTOR3000 MIDIPILAR/GINO400 3L F50.364.A30	3800	Pcs 1 Kg 53,3 mc 0,541
EKTOR2500 MIDIPILAR/GINO400 3L F50.361.A30	3300	Pcs 1 Kg 43,3 mc 0,515

**EKTOR / GINO 4000**

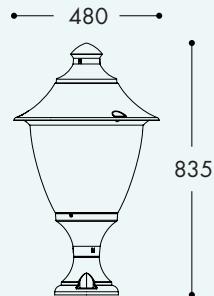
480



EKTOR4000/GINO400 F50.371.000	4600	Pcs 1 Kg 41,8 mc 0,294
EKTOR3500/GINO400 F50.367.000	4100	Pcs 1 Kg 38,9 mc 0,268
EKTOR3000/GINO400 F50.364.000	3600	Pcs 1 Kg 35,9 mc 0,241
EKTOR2500/GINO400 F50.361.000	3100	Pcs 1 Kg 25,9 mc 0,215


**NEW LOT / GINO 400**

F50.115



835

 Pcs 1  
Kg 6,5  
mc 0,077

 E27  
MAX 100 W  
E27  
E40  
MBF-SON-HQI

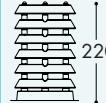
 Molded Colours: **Black - White  
Green - Grey**

 Diffuser: **Transparent - Opal**
**REF.CODE**

GLS MAX	100W	E27	F50.000.000	WITHOUT BALLAST
SL	25W	E27		
CFL	23W	E27		
CLUSTERLITE	60W	E27		
CLUSTERLITE	100W	E27		
MBF	50W	E27	F50.000.M50	WITH BALLAST
	80W	E27		
	125W	E27		
SON	50W	E27		
	70W	E27	F50.000.S50	WITH BALLAST
	100W	E40		
HQI	70W	E27		
	100W	E40	F50.000.H70	WITH BALLAST
white breaklight				
chrome breaklight			H.FB6	H.FC6

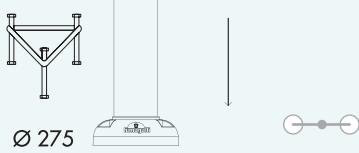

**ALUMINIUM BREAKLIGHT**
**WHITE COLOUR**

CODE: H.FB6


**CHROME**

CODE: H.FC6

EKTOR4000 MIDIPILAR/GINO400 2L F50.371.A20	4800	Pcs 1 Kg 51,5 mc 0,397
EKTOR3500 MIDIPILAR/GINO400 2L F50.367.A20	4300	Pcs 1 Kg 48,5 mc 0,370
EKTOR3000 MIDIPILAR/GINO400 2L F50.364.A20	3800	Pcs 1 Kg 45,5 mc 0,344
EKTOR2500 MIDIPILAR/GINO400 2L F50.361.A20	3300	Pcs 1 Kg 35,5 mc 0,318



# GINO 400



GINO  
400



GINO  
500

 fumagalli®



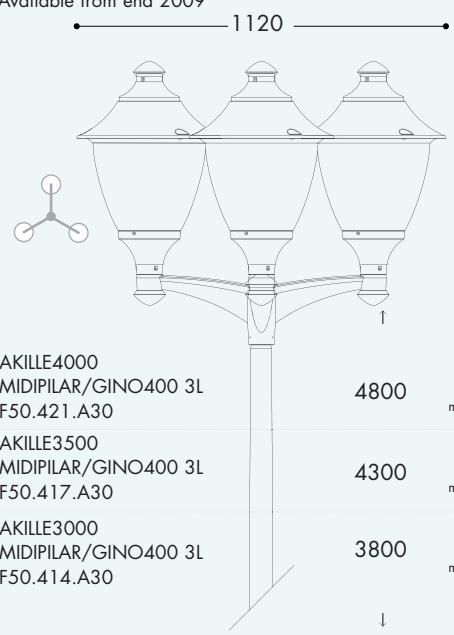
F50.254



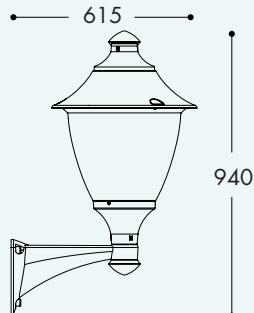
F50.421

**AKILLE MIDIPILAR / GINO 400 3L**

Available from end 2009

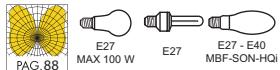
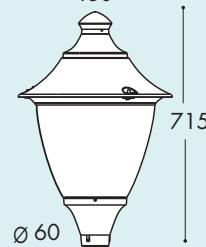

**MIDIPILAR / GINO 400**

F50.254

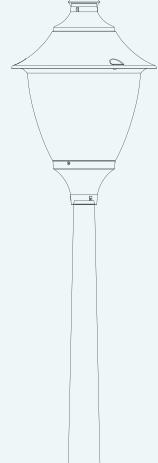

 Pcs 1  
Kg 9,2  
mc 0,098

**GINO 400**

F50.000


**AKILLE / GINO 400**

480

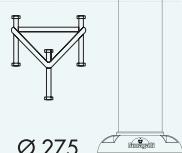

 AKILLE4000/GINO400  
F50.421.000

 4600 Pcs 1  
Kg 41,8  
mc 0,294

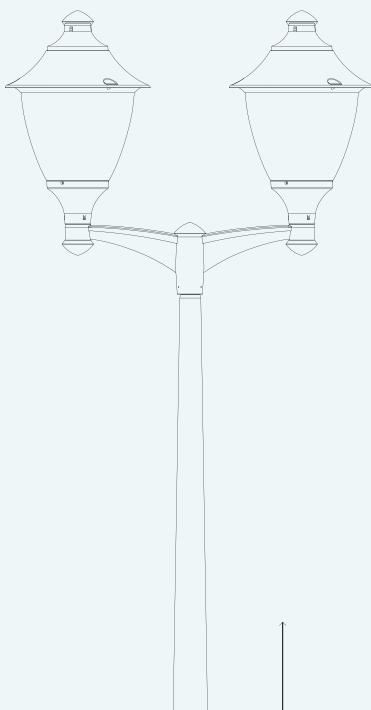
 AKILLE3500/GINO400  
F50.417.000

 4100 Pcs 1  
Kg 38,9  
mc 0,268

 AKILLE3000/GINO400  
F50.414.000

 3600 Pcs 1  
Kg 35,9  
mc 0,241

**AKILLE MIDIPILAR/ GINO 400 2L**

1220

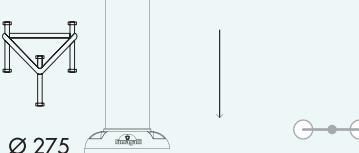
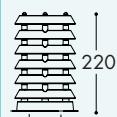

 AKILLE4000  
MIDIPILAR/GINO400 2L  
F50.421.A20

 4800 Pcs 1  
Kg 51,5  
mc 0,397

 AKILLE3500  
MIDIPILAR/GINO400 2L  
F50.417.A20

 4300 Pcs 1  
Kg 48,5  
mc 0,370

 AKILLE3000  
MIDIPILAR/GINO400 2L  
F50.414.A20

 3800 Pcs 1  
Kg 45,5  
mc 0,344

**ALUMINIUM BREAKLIGHT**
**WHITE COLOUR**


CODE: H.FB6

**CHROME**

CODE: H.FC6



WITHOUT BALLAST

WITH BALLAST

CE

IP65

SON

MBF

GLS MAX

SL

CFL

CLUSTERLITE

CLUSTERLITE

125W

50W

70W

100W

70W

100W

100W

white breaklight

chrome breaklight

H.FB6

H.FC6

ANTI-SHOCK

UV TREATED

DOUBLE INSULATION CLASS II

RECYCLABLE

# GLOBE 400



**400MM PMMA GLOBE WITH MODERN BASE, UV RAYS STABILIZED, RUST AND CORROSION-FREE.  
MOULDED COLOURS IN PASTE, NO MAINTENANCE OR PAINTING REQUIRED.  
SUITABLE FOR POST TOP, WALL AND HANGING INSTALLATION.  
INSULATION CLASS II, PROTECTION RATING IP65, CERAMIC LAMPHOLDER WITH METAL SPRING.**

GLOBO DIAM. 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 PARETE E A SOSPENSIONE.

CLASSE DI ISOLAMENTO II, GRADO DI PROTEZIONE IP 65, PORTALAMPADA IN CERAMICA CON SQUADRETTA IN METALLO.



## VERSIONS AVAILABLE

REF.CODE			
GLS MAX	100W	E27	
SL	25W	E27	G40.B40.M00
CFL	23W	E27	
CLUSTERLITE	60W	E27	
MBF	50W	E27	G40.B40.M00.M50
	80W	E27	G40.B40.M00.M80
SON	50W	E27	G40.B40.M00.S50
	70W	E27	G40.B40.M00.S70
HQI	70W	E27	G40.B40.M00.H70
white breaklight			H.FB1
chrome breaklight			H.FC1
	(upward)		H.FC6
		(downward)	

The photometric data for all the versions are available upon request

## PMMA GLOBE COLOURS



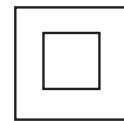
## MOULDED COLOURS



## CLASS II



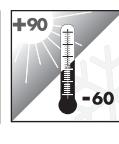
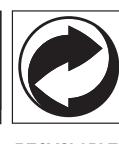
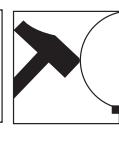
## PROTECTION



## PROTECTION



## RESIN MATERIAL



## GLOBE 400

1- 400mm **globe** in polymethylmethacrylate (PMMA), one piece only, UV stabilized, available in 3 different colour options: clear, opal or smoked

**Globo** diametro 400mm in polimetilmacrilato (PMMA), stabilizzato ai raggi UV, realizzato in un unico pezzo, disponibile in colore trasparente, opale o fumè

2- 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.

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.

3- Luminaries **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.

**Base** dell'apparecchio, realizzata in resina antiurto, stabilizzata 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.

1



2



ballast kit

3



rubber  
gasket



# PHOTOMETRIC DIAGRAMS

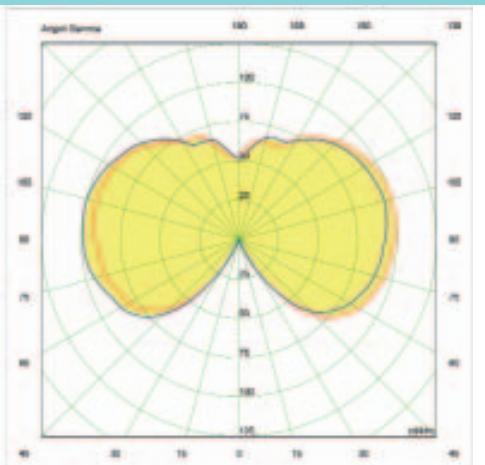
## GLOBE 400



### SON 50W Clear diffuser

WATT 50  
LUMEN 3.500  
LIFE TIME 9.000h

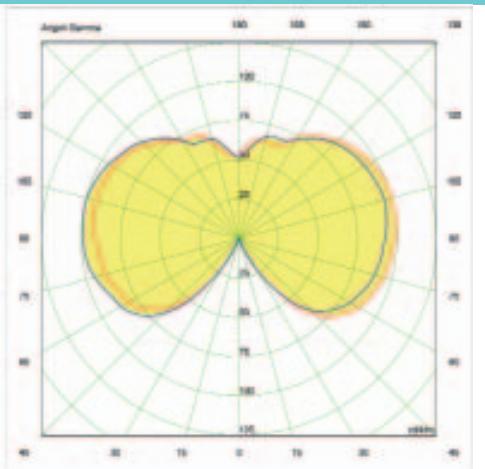
YELLOW LIGHT



### SON 70W Clear diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

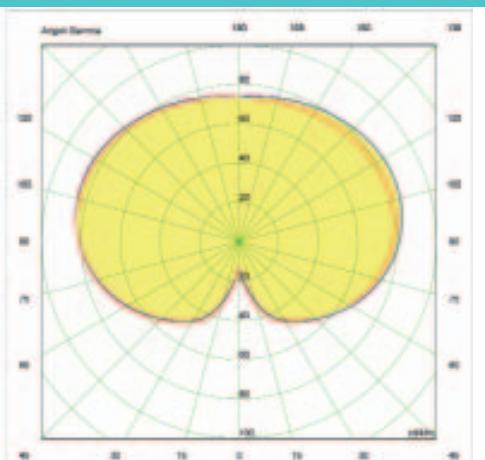
YELLOW LIGHT



### SON 50W Opal diffuser

WATT 50  
LUMEN 3.500  
LIFE TIME 9.000 h

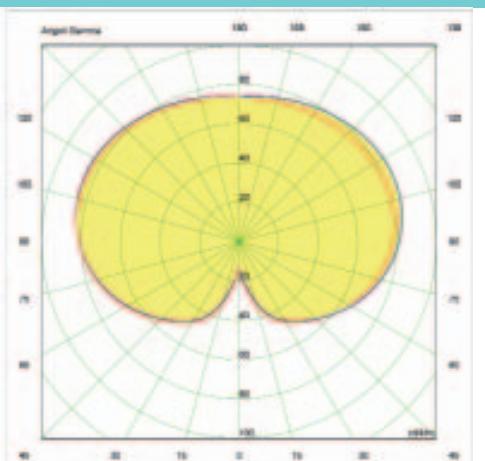
YELLOW LIGHT

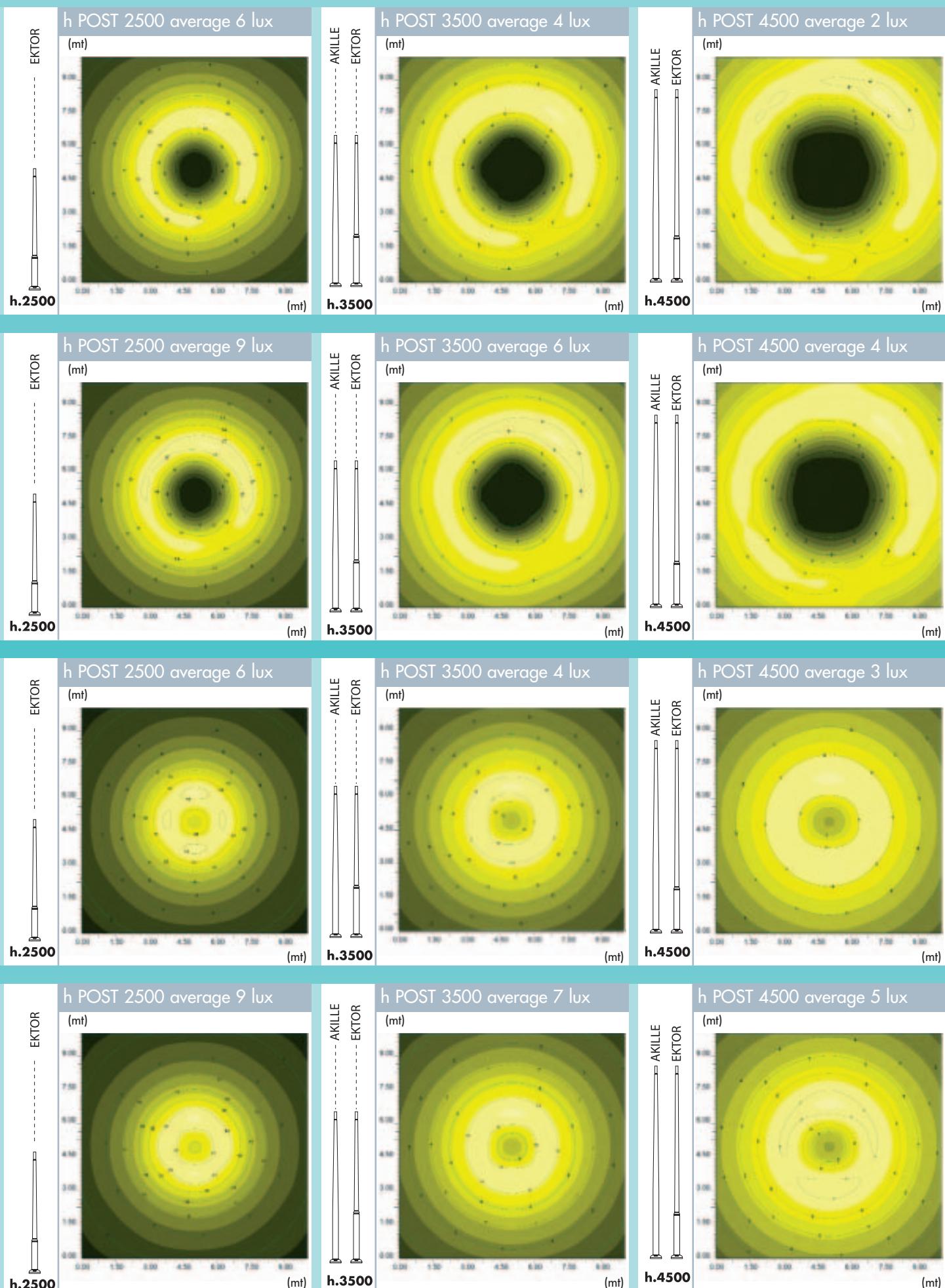


### SON 70W Opal diffuser

WATT 70  
LUMEN 5.600  
LIFE TIME 9.000 h

YELLOW LIGHT





# GLOBE 400



GLOBE  
400



GLOBE  
500

**fumagalli®**

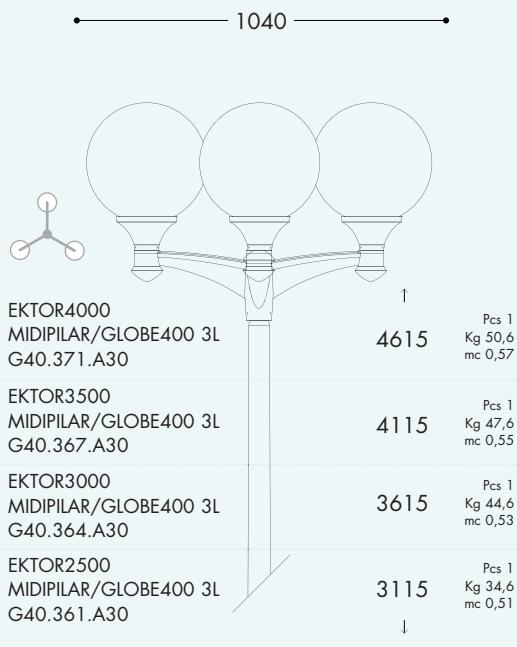


G40.115

G40.371.A30

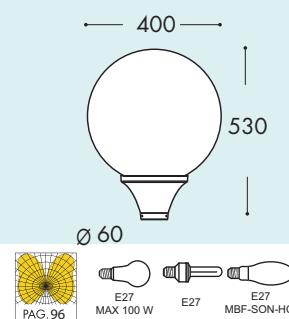
**EKTOR MIDIPILAR / GLOBE 400 3L**

Available from end 2009


**EKTOR MIDIPILAR / GLOBE 400 1L**

**GLOBE 400**

G40.B40.M00

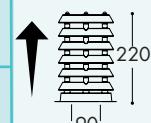

 Molded Colours: **Black - White**  
**Green - Grey**

 Diffuser: **Transparent - Opal - Smoked**
**REF.CODE**

GLS MAX	100W	E27	G40.B40.M00	WITHOUT BALLAST
SL	25W	E27		
CFL	23W	E27		
CLUSTERLITE	60W	E27		
MBF	50W	E27	G40.B40.M00.M50	WITH BALLAST
	80W	E27	G40.B40.M00.M80	
SON	50W	E27	G40.B40.M00.S50	
	70W	E27	G40.B40.M00.S70	
HQI	70W	E27	G40.B40.M00.H70	
white breaklight chrome breaklight		H.FB1 H.FC1 (upward)	H.FB6 H.FC6 (downward)	


**ALUMINIUM BREAKLIGHT**  
**WHITE COLOUR**

CODE: H.FB1


**CHROME**

CODE: H.FC1


**WHITE COLOUR**

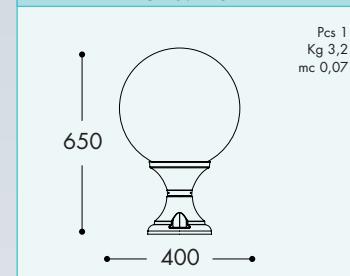
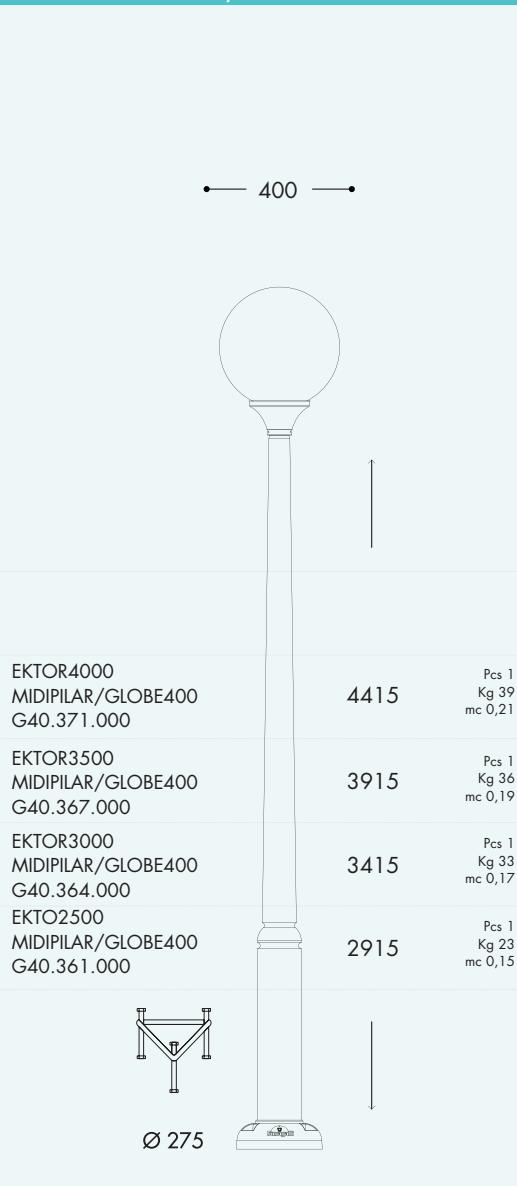
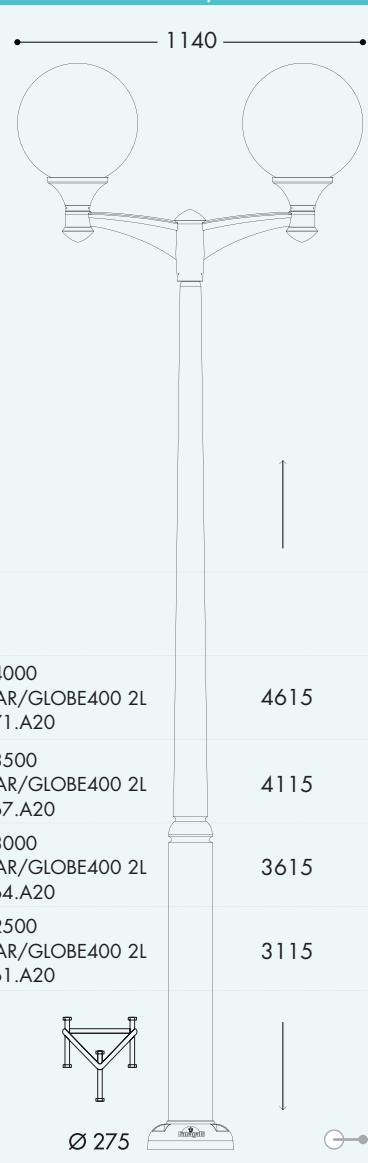
CODE: H.FB6

**CHROME**

CODE: H.FC6

**NEW LOT / GLOBE 400**

G40.115


**EKTOR / GLOBE 400**

**EKTOR MIDIPILAR / GLOBE 400 2L**


# GLOBE 400



GLOBE  
400



GLOBE  
500

**fumagalli®**



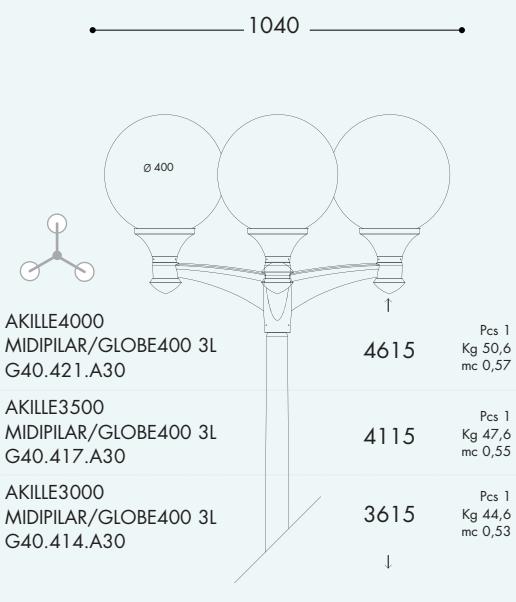
G40.254



G40.417.A20

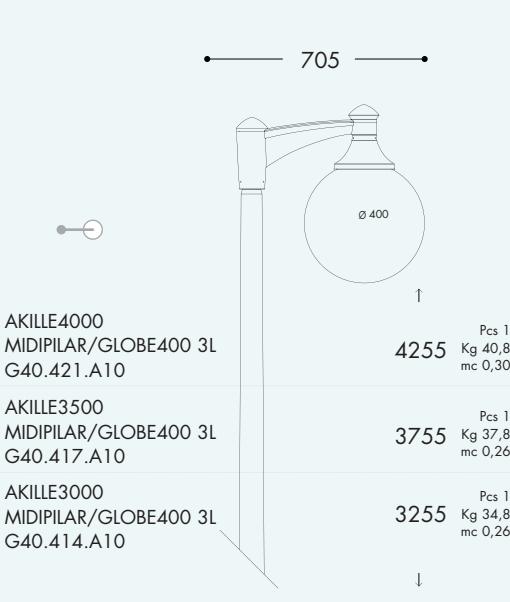
**AKILLE MIDIPILAR / GLOBE 400 3L**

Available from end 2009


 AKILLE4000  
MIDIPILAR/GLOBE400 3L  
G40.421.A30

 AKILLE3500  
MIDIPILAR/GLOBE400 3L  
G40.417.A30

 AKILLE3000  
MIDIPILAR/GLOBE400 3L  
G40.414.A30

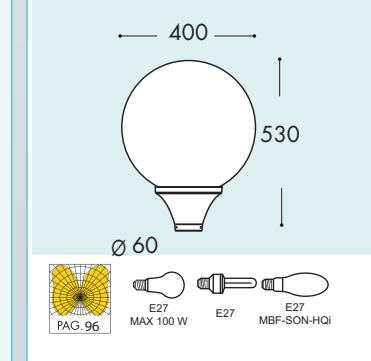
**AKILLE MIDIPILAR/ GLOBE 400 1L**

 AKILLE4000  
MIDIPILAR/GLOBE400 3L  
G40.421.A10

 AKILLE3500  
MIDIPILAR/GLOBE400 3L  
G40.417.A10

 AKILLE3000  
MIDIPILAR/GLOBE400 3L  
G40.414.A10

**GLOBE 400**

G40.B40.M00


 Moulded Colours: **Black - White  
Green - Grey**

 Diffuser: **Transparent - Opal - Smoked**
**REF.CODE**

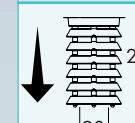
GLS	MAX	100W	E27		WITHOUT BALLAST
SL	25W	E27		G40.B40.M00	
CFL	23W	E27			
CLUSTERLITE	60W	E27			
MBF	50W	E27		G40.B40.M00.M50	
	80W	E27		G40.B40.M00.M80	
SON	50W	E27		G40.B40.M00.S50	
	70W	E27		G40.B40.M00.S70	
HQI	70W	E27		G40.B40.M00.H70	
white breaklight			H.FB1	H.FB6	
chrome breaklight			H.FC1	H.FC6	(upward) (downward)


**ALUMINIUM BREAKLIGHT  
WHITE COLOUR**

CODE: H.FB1

**CHROME**

CODE: H.FC1



WHITE COLOUR

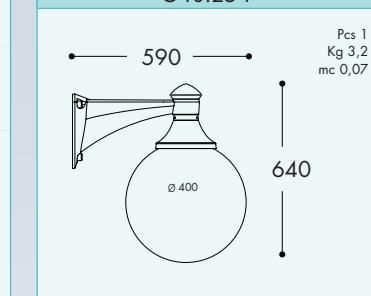
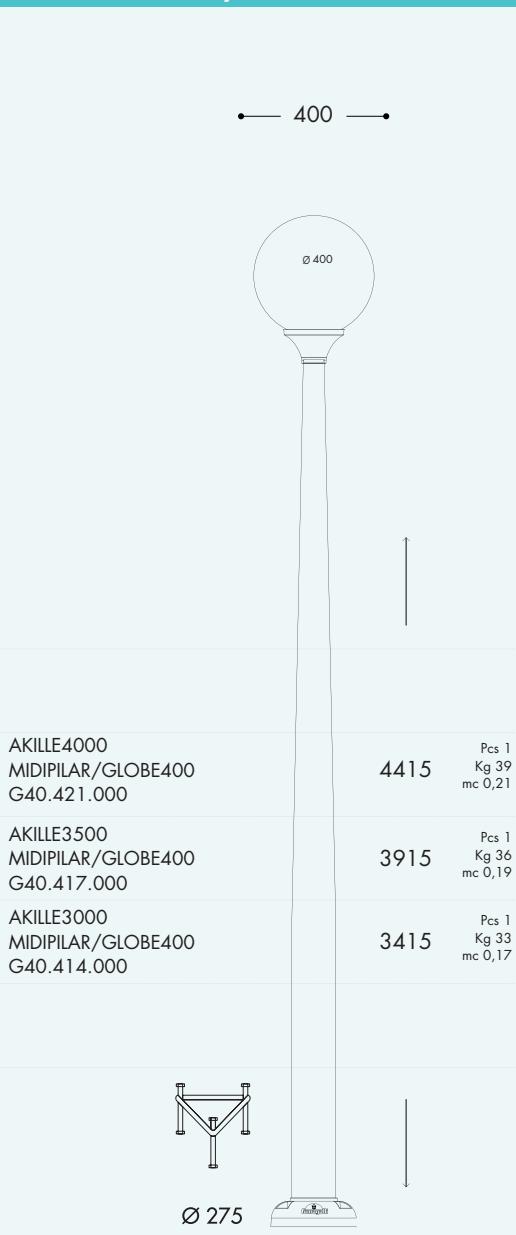
CODE: H.FB6

**CHROME**

CODE: H.FC6

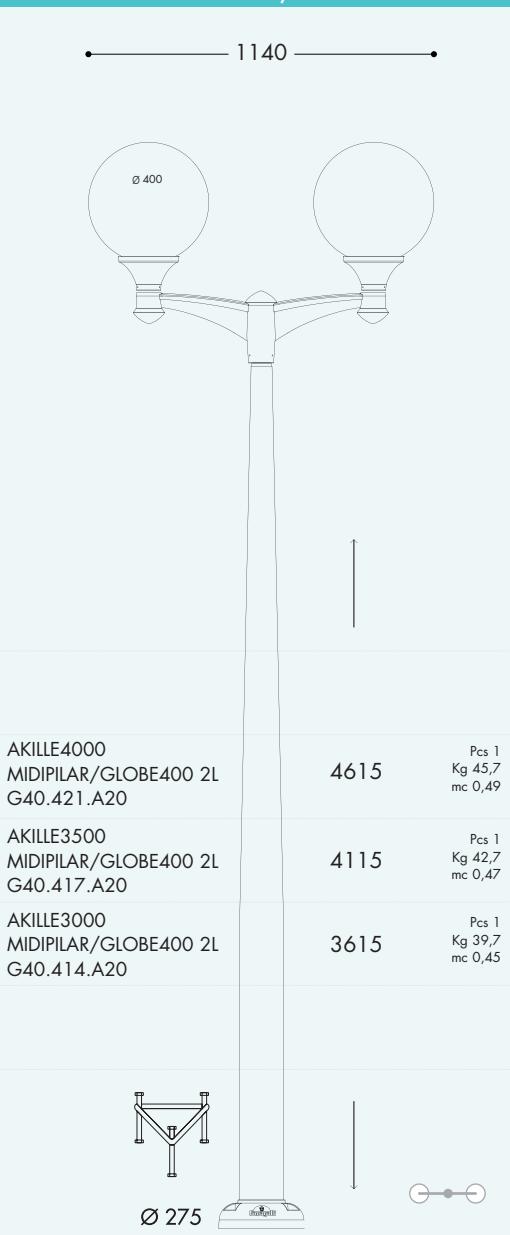
**MIDIPILAR / GLOBE 400**

G40.254


**AKILLE / GLOBE 400**

 AKILLE4000  
MIDIPILAR/GLOBE400  
G40.421.000

 AKILLE3500  
MIDIPILAR/GLOBE400  
G40.417.000

 AKILLE3000  
MIDIPILAR/GLOBE400  
G40.414.000

**AKILLE MIDIPILAR/ GLOBE 400 2L**

 AKILLE4000  
MIDIPILAR/GLOBE400 2L  
G40.421.A20

 AKILLE3500  
MIDIPILAR/GLOBE400 2L  
G40.417.A20

 AKILLE3000  
MIDIPILAR/GLOBE400 2L  
G40.414.A20

WITHOUT BALLAST

WITH BALLAST

# GLOBE 400



GLOBE  
400



GLOBE  
500

 fumagalli®



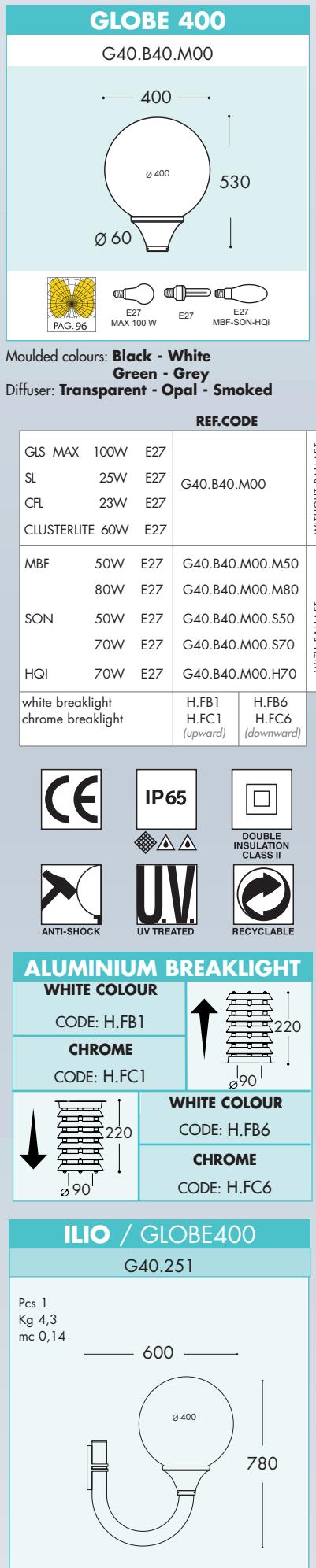
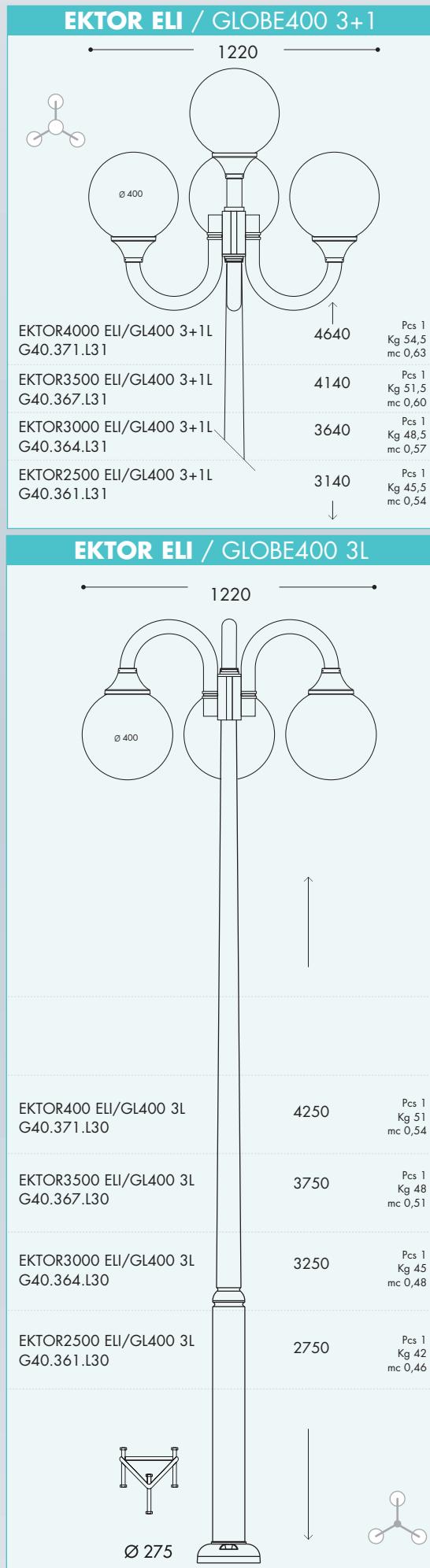
G40.251



G40.367.L20



G40.367.L21



# Technical details

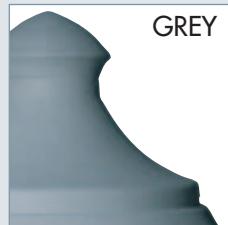
## OPTIONS



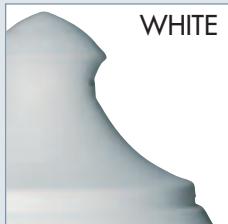
### COLOURS



BLACK



GREY



WHITE



GREEN

### DIFFUSER



Clear



Opal



Smoked

FOR GLOBES ONLY

### OPEN BREAKLIGHT UPWARD OR DOWNWARD

ALUMINIUM WHITE  
COLOUR  
(UPWARD)



ALUMINIUM WHITE  
COLOUR  
(DOWNWARD)



H.FB6

ALUMINIUM CHROME  
COLOUR  
(UPWARD)



ALUMINIUM WHITE  
COLOUR  
(DOWNWARD)



H.FC6

### CLOSED BREAKLIGHT UPWARD ONLY

For upward globes and bollards only

ALUMINIUM WHITE  
COLOUR  
(UPWARD)



ALUMINIUM CHROME  
COLOUR  
(UPWARD)



H.FB1

H.FC1

## BALLAST KITS (with thermal protection)



### 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

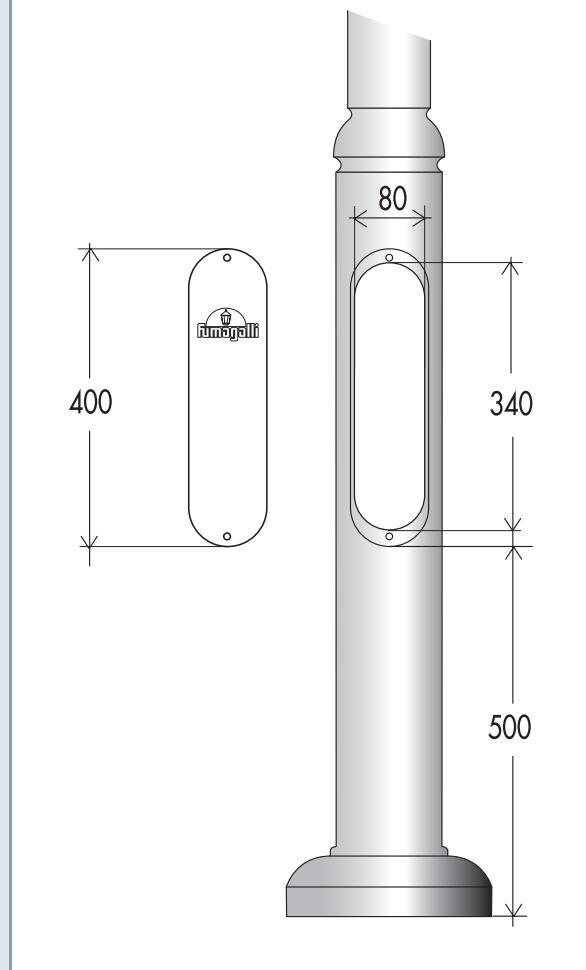
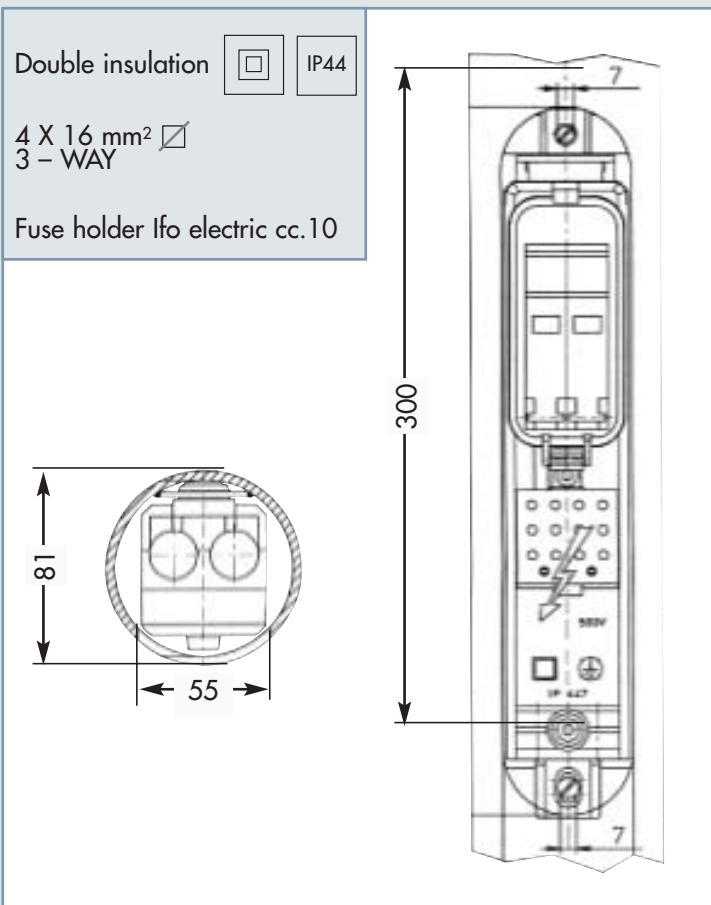
CODE	WATTAGE	LAMP HOLDER
H0.BAL.M50	50 W	E27
H0.BAL.M80	80 W	E27
H0.BAL.M12	125 W	E27

### HQI METAL HALIDE

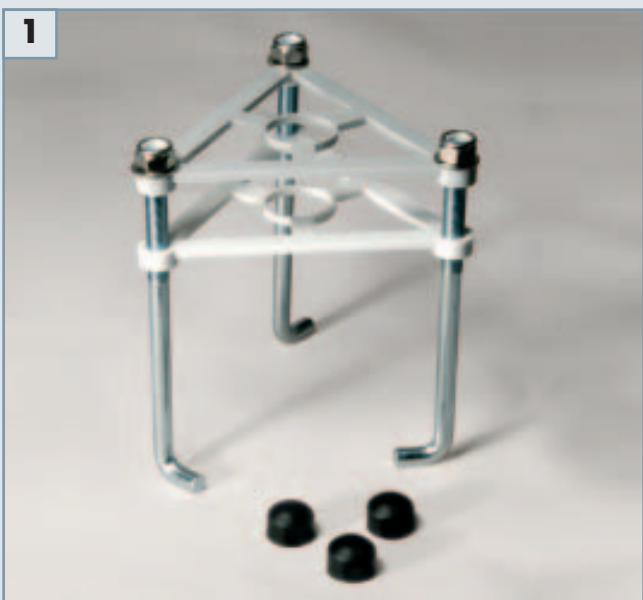
CODE	WATTAGE	LAMP HOLDER
H0.BAL.H70	70 W	E27
H0.BAL.H10	100 W	E40
H0.BAL.H15	150 W	E40

## LIGHT EFFICIENCY

	GSL	CFL	CLUSTERLITE MEGAMAN	MERCURY VAPOR <b>MBF</b>	YELLOW LIGHT	METAL HALIDE <b>HQI</b>			
	WATT	LUMEN	LIFE TIME	WATT	LUMEN	LIFE TIME	WATT	LUMEN	LIFE TIME
WATT	75 100 150	23	60 100	50 80 125	50 70 100 150 250 400	9000 h	70 100 150 250 400	6000 9000 12500 19000 30000	9000 h
LUMEN	960 1380 1600	1400	4000 6700	2000 3800 6300	3500 5600 10000 14000 25000 47000				
LIFE TIME	1000 h	6000 h	15000 h	12000 h					



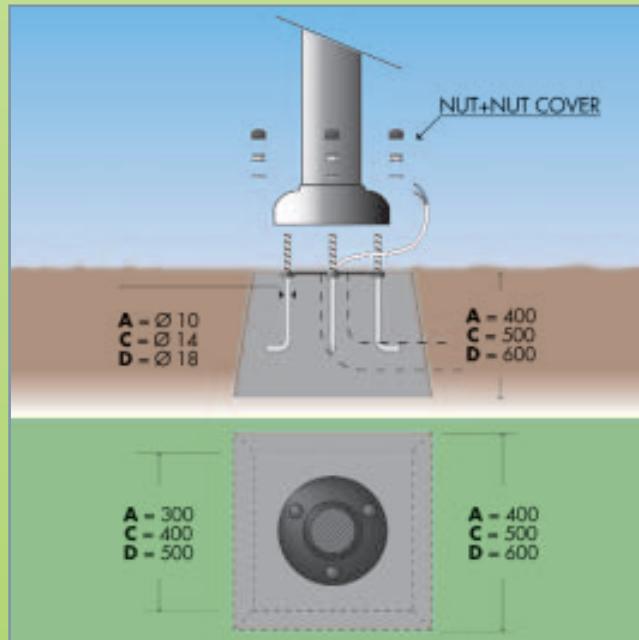
1



2

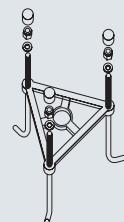
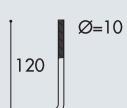


3



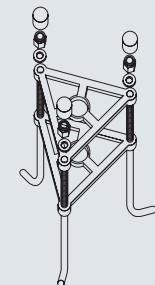
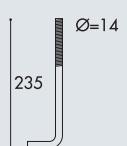
### CAGE - A

H.GAB.10.A



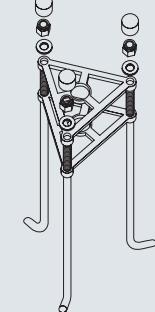
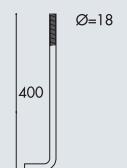
### CAGE - C

H.GAB.14.C

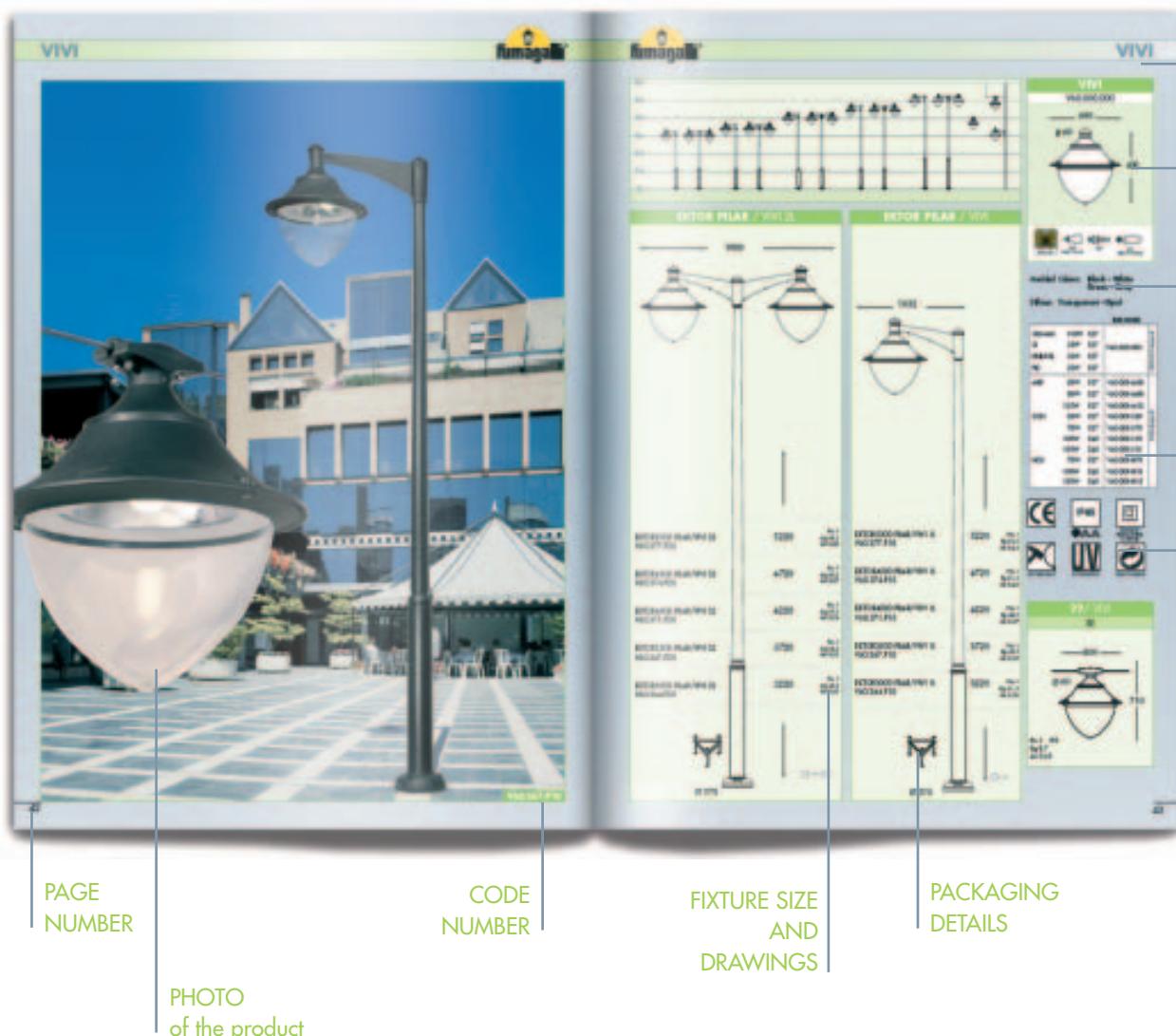


### CAGE - D

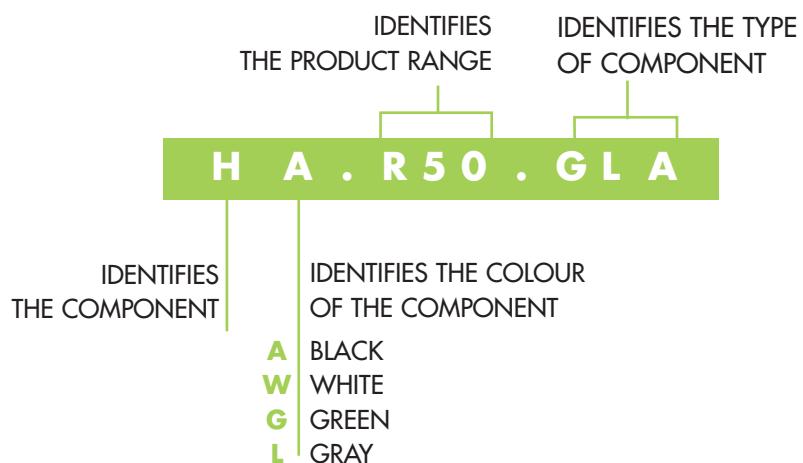
H.GAB.18.D



# HOW TO READ THE CATALOGUE



## COMPONENTS CODE



DIFFUSER NAME

DIFFUSER SIZE

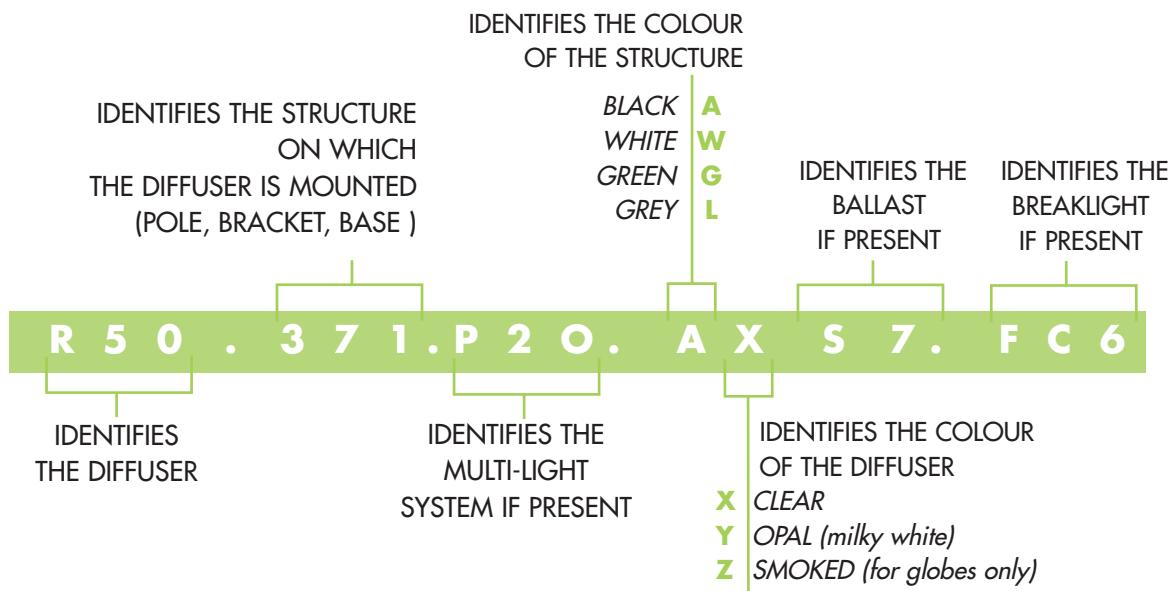
COLOURS AVAILABLE

VERSIONS AVAILABLE

	Comply with the EC 89/336/EEC and ce 72/23/EEC		made in vandal resistant materials
	Protected against dust and water jets.		Fixture manufactured with materials stabilized against the U.V. rays. Antiyellowing
	Class II fixture (double insulation) no grounding required		Fixture manufactured in materials that can be recycled
			Highly protected area subject to limited lighting (E.G. astronomic observatories).radius from the observation centre R=5Km

## HOW TO READ THE CODES

### ASSEMBLED LAMPS CODE



# LUMINARIES RANGE

## GRAND SIZE

### ECOVIVI 500

EV6.000.000

600

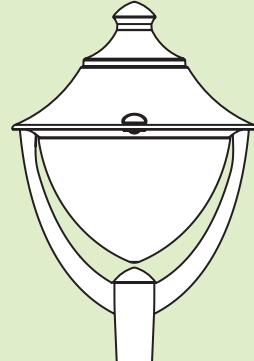


300

### BEPPE 500

P60.000.000

600

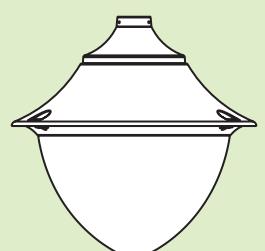


850

### VIVI 500

V60.000.000

600



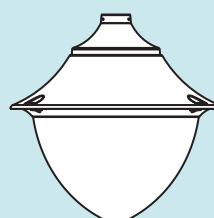
850

## LARGE SIZE

### VIVI 400

V50.000.000

480

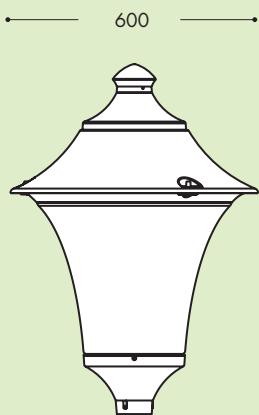


420

## GRAND SIZE

**REMO 500**

R60.000.000



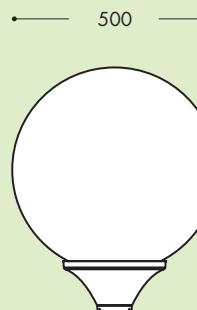
**GINO 500**

F60.000.000



**GLOBE 500**

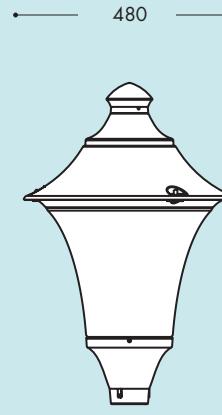
G50.B50.M00



## LARGE SIZE

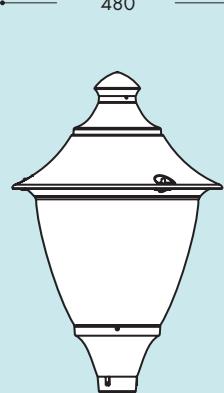
**REMO 400**

R50.000.000



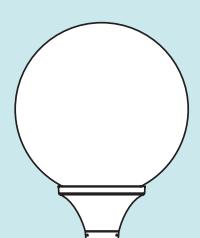
**GINO 400**

F50.000.000



**GLOBE 400**

G40.B40.M00

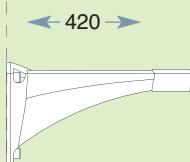


# PILAR SYSTEM BRACKETS

LARGE SIZE

## MIDIPILAR WALL BRACKET

H.254.WAL

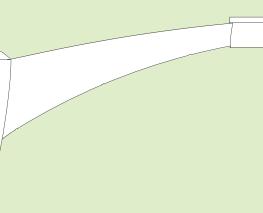


GRAND SIZE

## PILAR WALL BRACKET

H.253.WAL

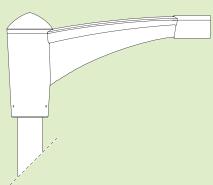
650



## MIDIPILAR SYSTEM 1L

000.000.A10

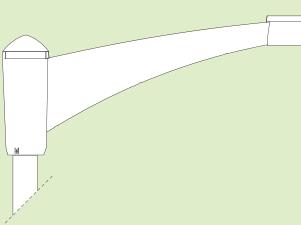
470



## PILAR SYSTEM 1L

000.000.P10

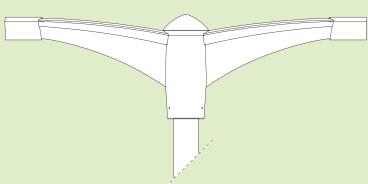
610



## MIDIPILAR SYSTEM 2L

000.000.A20

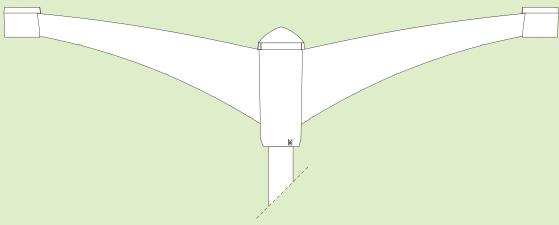
830



## PILAR SYSTEM 2L

000.000.P20

1210

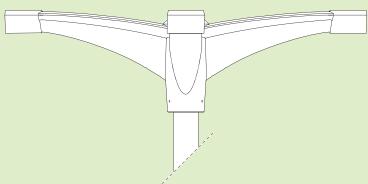


## MIDIPILAR SYSTEM 3L

000.000.A30

Available from end 2009

650



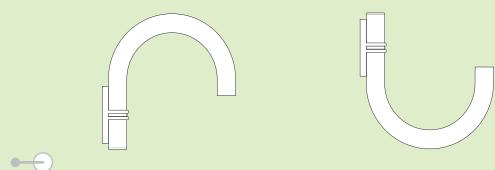
# ELI SYSTEM BRACKETS

LARGE SIZE

## ILIO WALL BRACKET

H.251.WAL

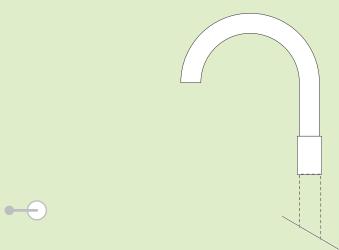
← 460 →



## PRIAMO POST BRACKET

H.251.POS

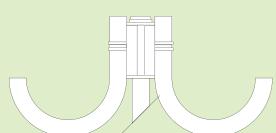
← 460 →



## ELI SYSTEM 2L

000.000.L20

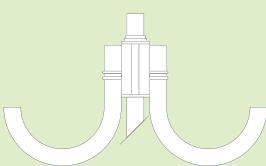
← 960 →



## ELI SYSTEM 2+1L

000.000.L21

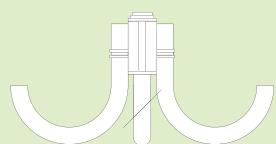
← 960 →



## ELI SYSTEM 3L

000.000.L30

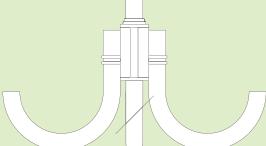
← 820 →



## ELI SYSTEM 3+1L

000.000.L31

← 820 →



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# MODERN POLES



EKTOR 250

WITHOUT DOOR -----  
WITH DOOR -----  
WITH DOOR AND BOX-----

000.361  
000.362  
000.363

Each post is supplied with the suitable cage or screws for fixation  
 Colours available for the modern range are the following:  
 Moulded: Black - White - Grey - Green

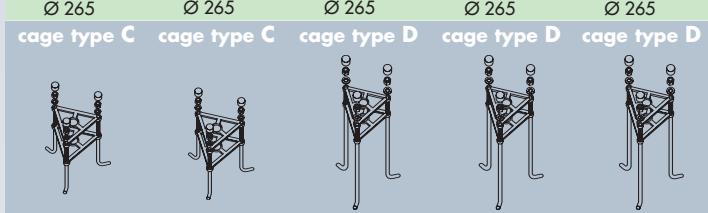
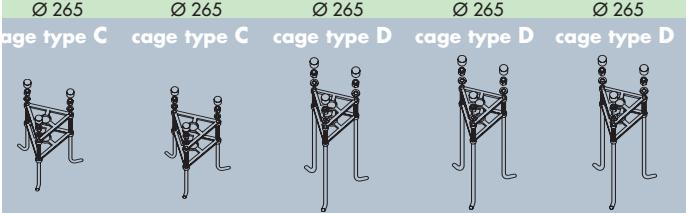
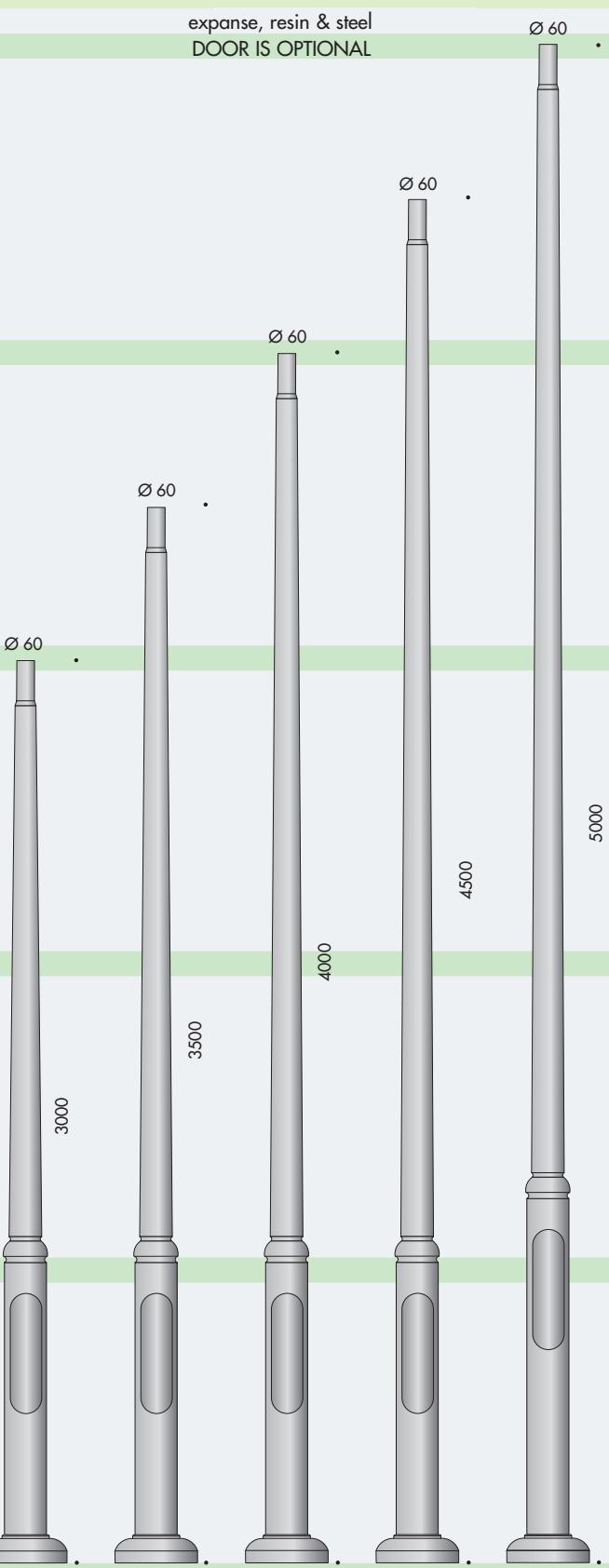


KTOR 3000	EKTOR 3500	EKTOR 4000	EKTOR 4500	EKTOR 5000
000.364	000.367	000.371	000.374	000.377
000.365	000.368	000.372	000.375	000.378
000.366	000.369	000.373	000.376	000.379

expanses, resin & steel  
DOOR IS OPTIONAL

AKILLE 3000	AKILLE 3500	AKILLE 4000	AKILLE 4500	AKILLE 5000
000.414	000.417	000.421	000.424	000.427
000.415	000.418	000.422	000.425	000.428
000.416	000.419	000.423	000.426	000.429

expanses, resin & steel  
DOOR IS OPTIONAL





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