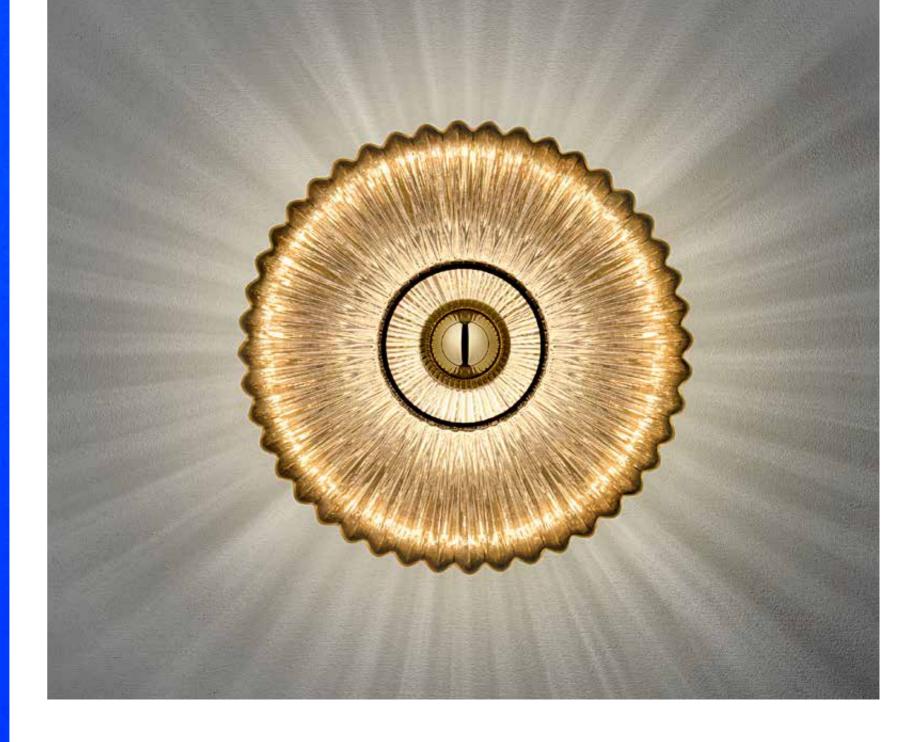
## -CHELSOM-

**LIGHTING EDITION 27** 







## CONTENTS

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#### EDITION 27 RANGE

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# GOOD PRODUCT **DESIGN** IS AT THE FOREFRONT OF EVERYTHING WE DO

\_

WE APPRECIATE THAT IN ORDER TO STAND OUT IN OUR GLOBAL MARKETPLACE, WE MUST CONSTANTLY INNOVATE WITH DESIGN.

Led by Robert and Will Chelsom, our in-house design team continuously strives to redefine our lighting collections by reacting to the ever-changing demands and trends that exist within the global hospitality and marine interiors sectors. Our product design is not limited to aesthetics and should incorporate function, durability, the latest technology and value engineering. The Chelsom design ethos is reflected in these catalogue pages and all custom and bespoke design concepts are welcomed.





### WE HAVE OVER 70 YEARS EXPERIENCE OF **MANUFACTURING** HIGH QUALITY DECORATIVE LIGHTING

\_

BY OFFERING A FIRST-CLASS LEVEL OF SERVICE WE ARE ABLE TO KEEP UP WITH THE FAST PACE AND CHALLENGING DEMANDS OF THE GLOBAL CONTRACT INDUSTRY.

Blending lean and practical production techniques, we create products for both our standard in-house collections as well as bespoke items. Our engineering and production teams in UK and China focus heavily on quality management and our skills and experience allow us to deliver lighting products using a variety of materials and finishes for all applications at suitable prices.







#### PROJECT MANAGEMENT

By combining proficient project management skills with industry knowledge we ensure that all projects are executed effectively from design concept stage through to CAD realisation, prototyping, tendering, purchasing, production, delivery and, where required, installation.







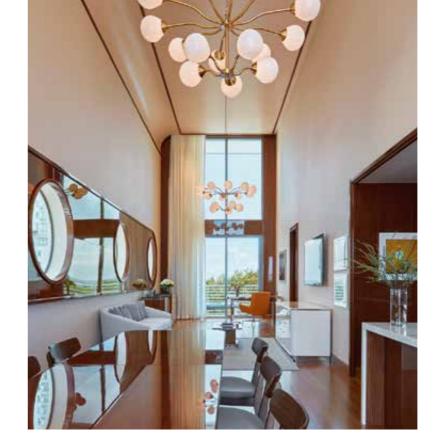
MANDARIN ORIENTAL

Project: Mandarin Oriental Hyde Park London. Client: Mandarin Oriental Hotel Group. Designer: Joyce Wang Studio.

## OUR **BESPOKE** MANUFACTURING EXPERIENCE HELPS INTERIOR ARCHITECTS REALISE THEIR DESIGN CONCEPTS

OUR FULLY FLEXIBLE APPROACH ALLOWS US TO WORK COLLABORATIVELY WITH SOME OF THE WORLD'S LEADING INTERIOR AND LIGHTING DESIGNERS.

Whether a one-off statement installation for public areas or a thousand-piece production run for hotel bedrooms or ship cabins, we will work hard to ensure that our client's vision can become a reality. Our experience in our particular field allows us to offer advice and guidance, adding manufacturing know-how, technology and value engineering to any aesthetic brief.

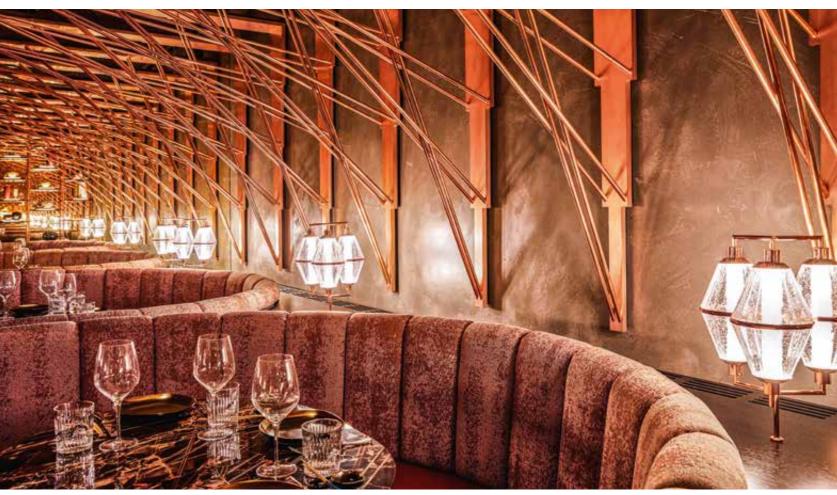


MR (

Project: Mr. C Coconut Grove, Miami.
Client: Mr. C Hotels.
Designer: Martin Brudnizki Design Studio.
Photography: Courtesy of James McDonald Photography.

"Chelsom are good at problem solving, they listen carefully and undertake bespoke work on a collaborative basis, they're as eager to deliver a perfect solution as we are. Their technical support and knowledge of production techniques is excellent they are good at helping us navigate the relationship between the desired aesthetic and the given budget."

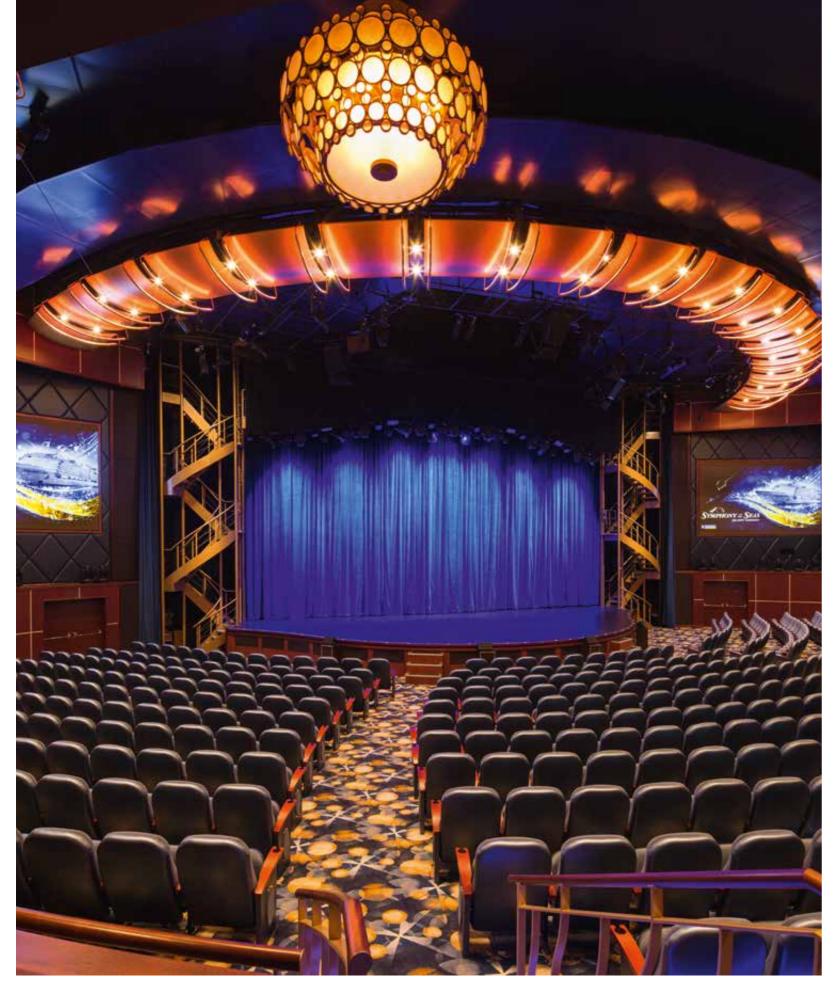
Richard McCready-Hughes Creative Director Goddard Littlefair



JIN GUI

Project: JIN GUI Restaurant, Hamburg.
Client: Tortue Hotels.
Designer: Joyce Wang Studio.

6 BESPOKE



#### SYMPHONY

Project: Symphony of the Seas.
Client: Royal Caribbean International.
Designer: BG Studio International Inc.
Photography: Courtesy of Michel Verdure.



CROWNE PLAZA

Project: Crowne Plaza London, Albert Embankment.

Client: IHG Hotels and Resorts.

Designer: ADS Design.



#### BESPOKE DESIGN PROCESS

At Chelsom, our highly skilled CAD and design teams will work to produce 3D technical drawings and full colour renders as well as 3D print models so that all bespoke designs can be tested and examined before any prototyping process begins, giving full confidence to our customers.

#### **CELEBRITY**

Project: Celebrity Edge.
Client: Celebrity Cruises.
Designer: BG Studio International Inc.
Photography: Courtesy of Michel Verdure.



RIGGS
Project: Riggs Washington DC.
Client: Preferred Hotels & Resorts.
Designer: Lore Studio.



UNIVERSITY ARMS

Project: University Arms, Cambridge.
Client: University Arms, Cambridge.
Designer: Martin Brudnizki Design Studio.





#### JIN GUI

Project: JIN GUI Restaurant, Hamburg. Client: Tortue Hotels. Designer: Joyce Wang Studio.

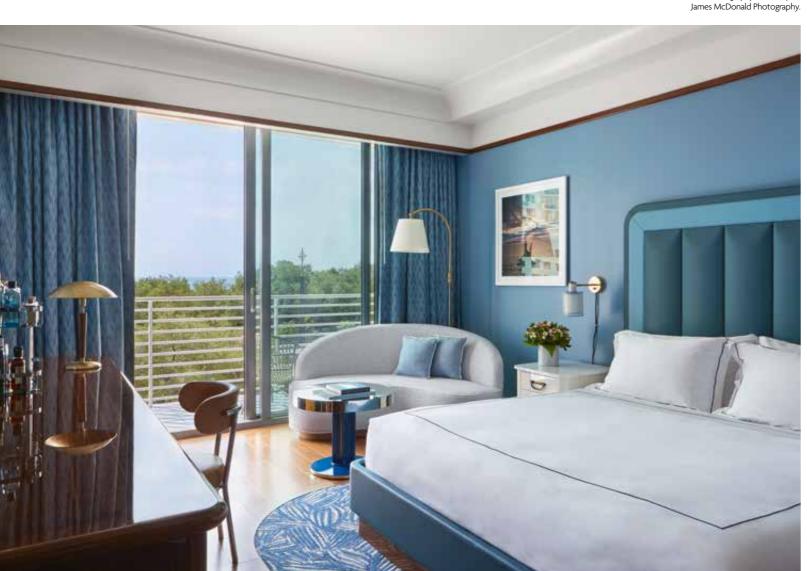
## LIGHTING SUPPLY PARTNER TO THE **HOSPITALITY**MARKET WORLDWIDE

\_

## OUR LIGHTING COLLECTIONS ARE DESIGNED SPECIFICALLY WITH HOTEL INTERIORS IN MIND.

To create the perfect hotel lighting collection, we understand there is a need for product functionality, practicality and durability alongside great aesthetics. Not only that, we know that there has to be significant levels of flexibility to service this challenging marketplace as lighting products often have to conform to different international regulations, meet certain low energy requirements and be compatible with complex hotel guestroom control systems.







ALEX
Project: Alex, Lake Zurich.
Client: Campbell Gray Hotels.
Designer: Brady Williams.

#### KIMPTON

Project: Kimpton Fitzroy, London. Client: Kimpton Hotels & Restaurants. Designer: Tara Bernerd & Partners.

#### **COLLABORATION**

We have longstanding deep relationships with hotel operators, interior designers, FF&E procurement companies and contractors all over the world. We collaborate with and service these key customers across the hotel industry, working at all price points and to all design briefs. By truly understanding lead time requirements, budget constraints and having wide experience in onsite engineering and installation, at Chelsom we truly are experts in this specialist field.





RITZ CARLTON
Project: Ritz Carlton, Berlin.
Client: Marriot International.
Designer: GA Design.

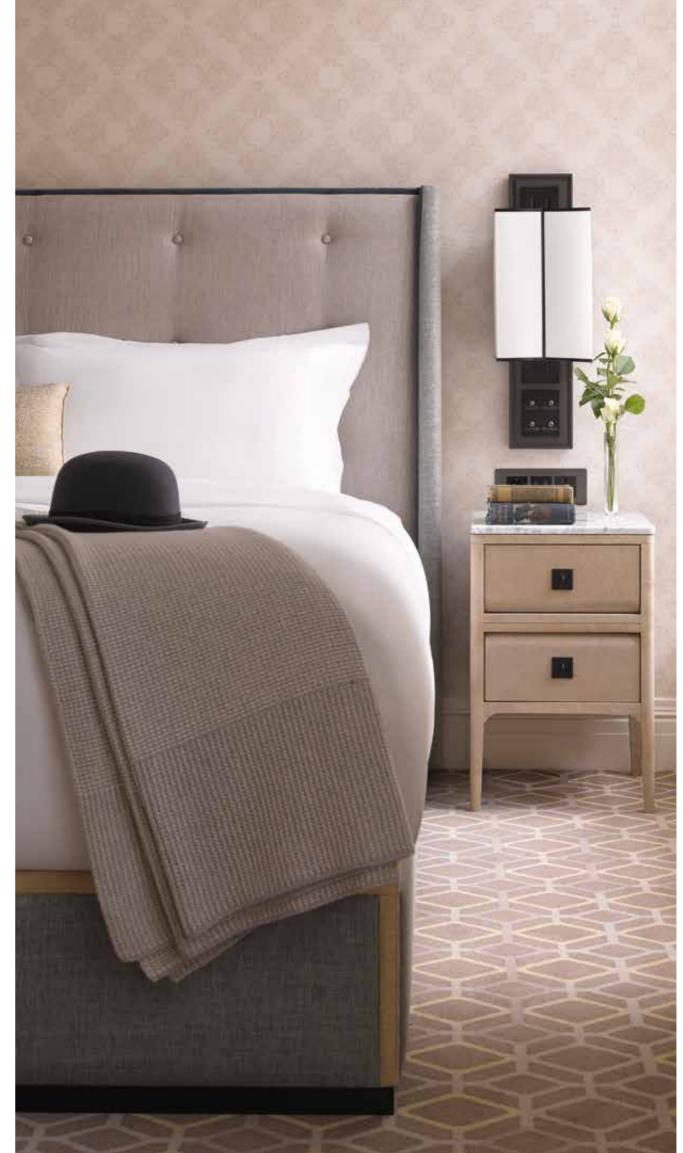
MANDARIN ORIENTAL

Project: Mandarin Oriental Hyde Park , London.
Client: Mandarin Oriental Hotel Group.
Designer: Joyce Wang Studio.

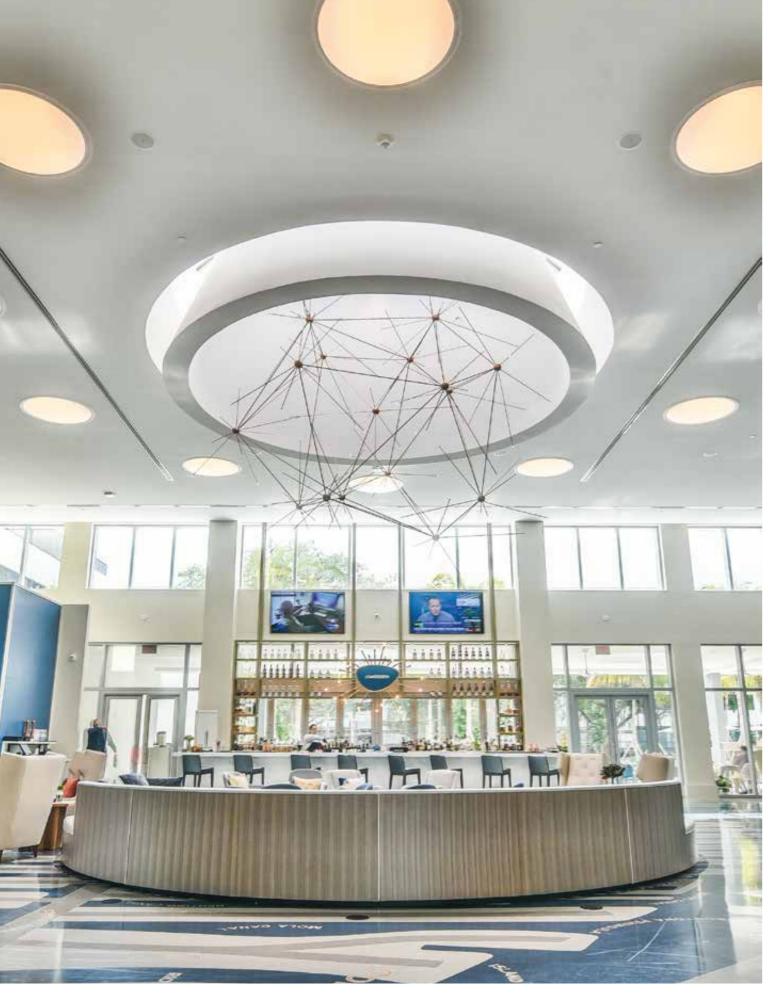
"Chelsom has been a great resource for The Parker Company. We can depend on Chelsom for a quality product, timely delivery and with the end result being a satisfied client, it makes our efforts worthwhile."

Nancy Smith Senior Project Director The Parker Company





GREAT SCOTLAND YARD Project: Great Scotland Yard Hotel, London. Client: Hyatt Hotels Corporation. Designer: Hirsch Bedner Associates. Photography: Courtesy of Will Pryce.

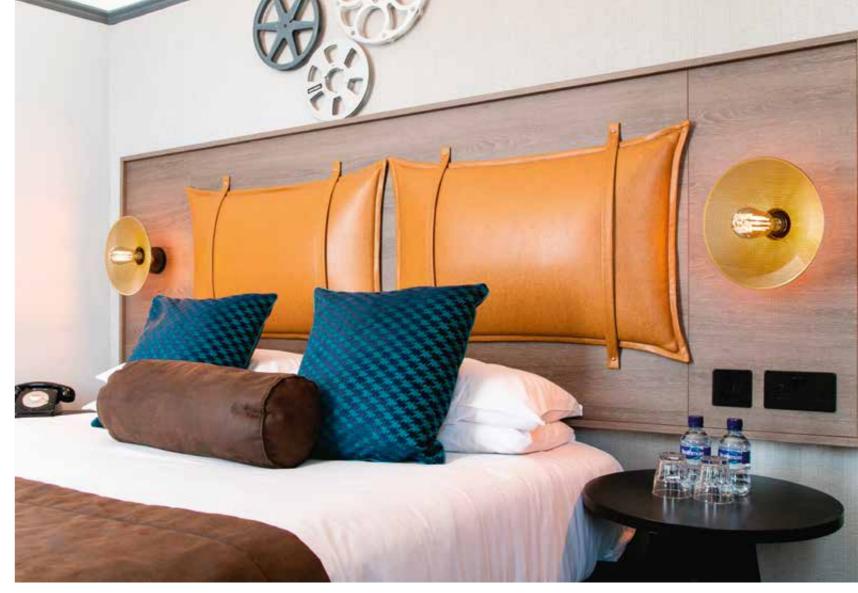


LE MERIDIEN

Project: Le Meridien Hotel, Florida.

Client: Marriott International.

Designer: Dash Design.



ABBEY
Project: Abbey Hotel, Bath.
Client: Abbey Hotel.
Designer: Street Design Partnership.
Photography: Courtesy of Derryn Vranch Photography.

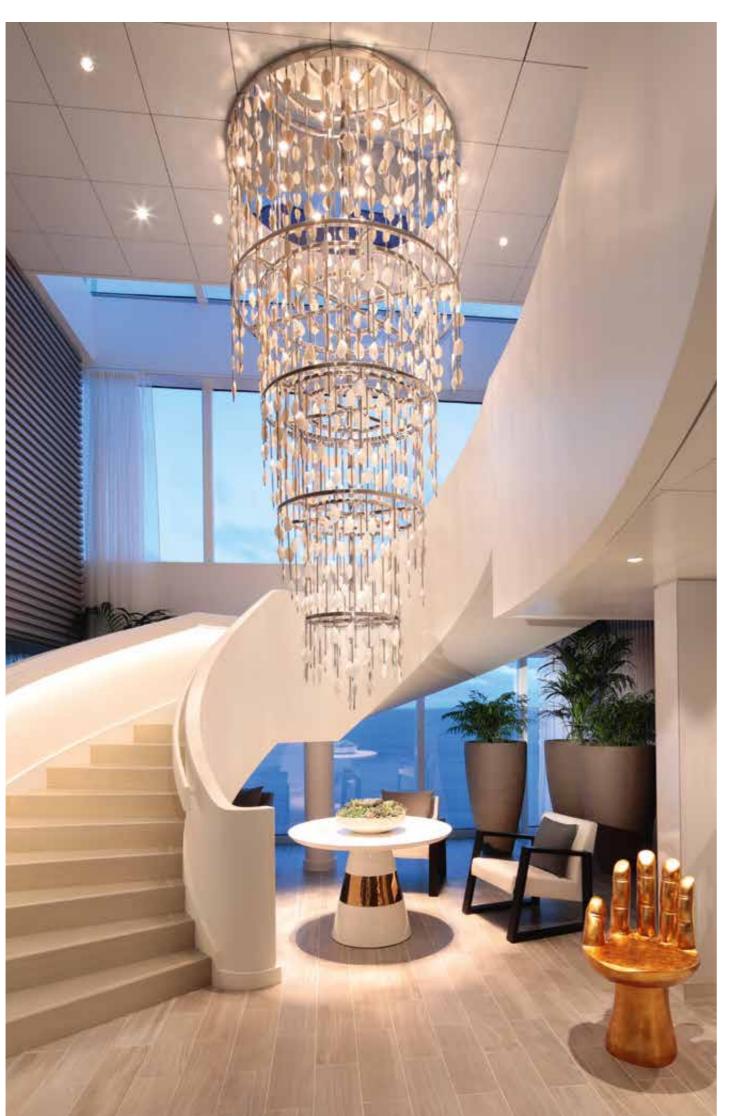


MANDARIN ORIENTAL

Project: Mandarin Oriental Hyde Park, London.
Client: Mandarin Oriental Hotel Group.
Designer: Joyce Wang Studio.

#### CELEBRITY

Project: Celebrity Edge. Client: Celebrity Cruises. Designer: Kelly Hoppen Interiors. Photography: Courtesy of Michel Verdure.



# GLOBAL LEADERS IN THE SUPPLY OF **MARINE**LIGHTING FOR CRUISE SHIPS, FERRIES AND LUXURY YACHTS



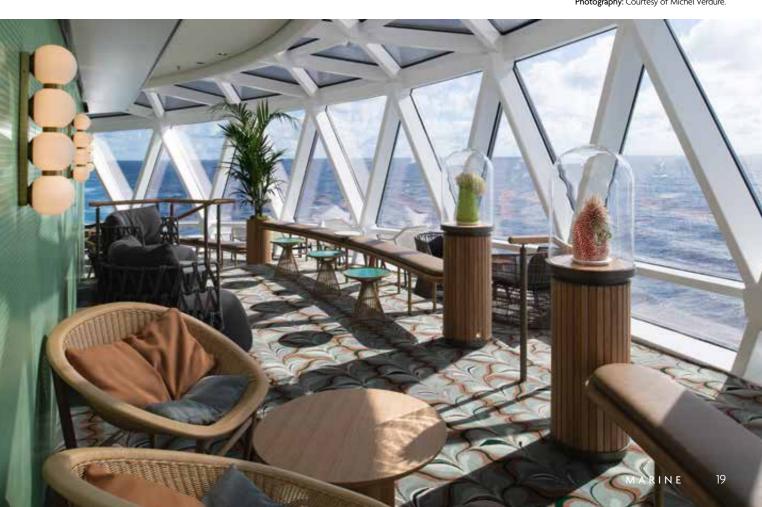
Symphony of the Seas

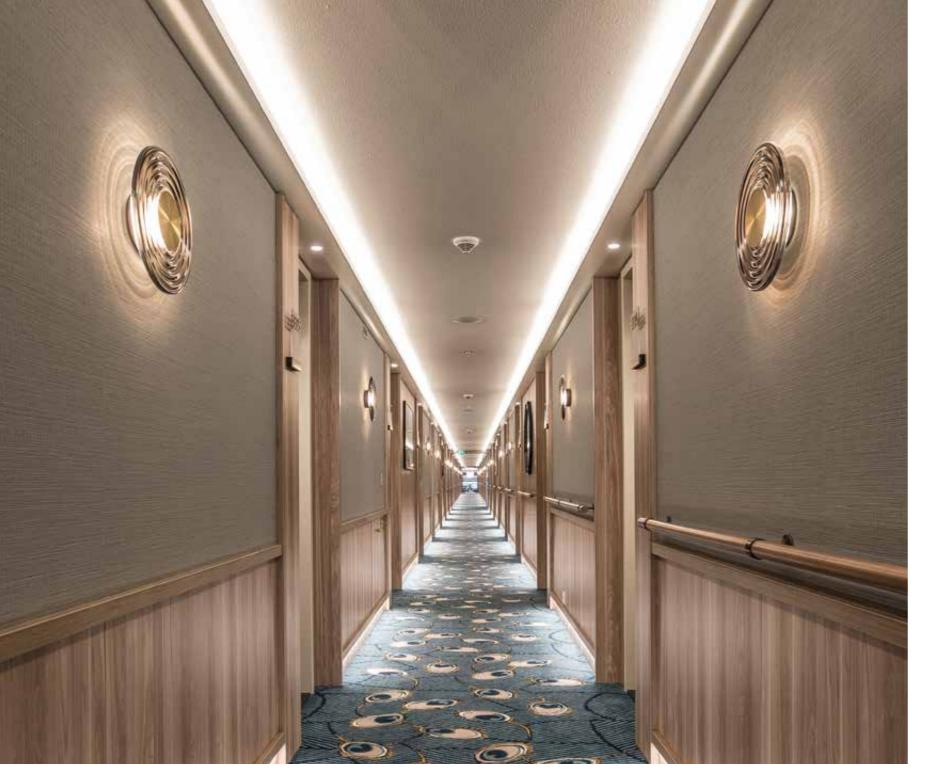
WORKING CLOSELY WITH THE WORLD'S LEADING CRUISE SHIP OPERATORS, SHIPYARDS AND LEADING NAVAL INTERIOR DESIGNERS AND ARCHITECTS, WE UNDERSTAND THE SPECIFIC REGULATIONS AND DEMANDS OF THE MARINE INDUSTRY.

We are able to apply our flexible manufacturing and engineering expertise to ensure that our standard product collections as well as all customised product can suit the sea faring environment. We have a specialist team of onsite engineers who regularly travel the globe to carry out complex lighting installations on board ships.

#### CELEBRITY

Project: Celebrity Edge. Client: Celebrity Cruises. Designer: Jouin Manku. Photography: Courtesy of Michel Verdure.





#### INDUSTRY KNOWLEDGE

At Chelsom we have specific marine sales, engineering and project management teams who fully understand the challenging nature of shipbuilding, not least of all the need to produce robust and compliant maritime lighting products that meet budget guidelines and that can be delivered within challenging project lead times. Whether manufacturing thousands of cabin lights or producing a one-off centrepiece for a cruise ship atrium, we can apply all of our industry knowledge and experience to ensure that our marine projects run smoothly.









## BACH Project: Crystal Bach. Client: Crystal Cruises. Designer: AD Associates. Photography: Courtesy of Crystal Cruises.



## SYMPHONY Project: Symphony of the Seas. Client: Royal Caribbean International. Designer: BG Studio International Inc. Photography: Courtesy of Michel Verdure.

"The cruise ship newbuild and refurbishment environments are fast paced and have a lot of demanding design challenges. Whether supplying thousands of bedside lights to cabins or manufacturing complex custom designs for our public spaces, Chelsom are a hugely knowledgeable and experienced lighting partner for our design and build teams at Carnival."

Petu Kummala Senior Director Interior Design & Architecture, New Builds and Refurbishments Carnival Cruise Line



#### CELEBRITY

Project: Celebrity Edge.
Client: Celebrity Cruises.
Designer: Kelly Hoppen Interiors.
Photography: Courtesy of Michel Verdure.

#### HARMONY

Project: Harmony of the Seas.
Client: Royal Caribbean International.
Designer: Project International Ltd.



#### CELEBRITY

Project: Celebrity Edge.
Client: Celebrity Edge.
Designer: Patricia Urquiola S.P.A.
Photography: Courtesy of Michel Verdure.



MARINE 23



MR C
Project: Mr. C Coconut Grove, Miami.
Client: Mr. C Hotels.
Designer: Martin Brudnizki Design Studio.
Photography: Courtesy of
James McDonald Photography.

## WE WORK WITH THE FINEST BAR & RESTAURANT INTERIOR DESIGNERS WORLDWIDE

DESIGNERS ARE FOREVER PUSHING THE BOUNDARIES WHEN IT COMES TO CREATING MEMORABLE SPACES IN THE FOOD AND BEVERAGE SECTOR MEANING RESTAURANTS AND BARS ARE MORE THAN JUST PLACES TO EAT AND DRINK, THEY ARE RICH AND MULTI-SENSORY EXPERIENCES WHERE AMBIENCE IS KEY.

At Chelsom, our extensive standard lighting collection serves as the perfect complement to any restaurant and bar interior whilst our in-house teams will work exclusively with interior designers and customers to create one off bespoke lighting products. Light levels, dimming and control are all crucial when creating the ideal lighting scheme for bars and restaurants so our technical teams will also collaborate to ensure the perfect results are achieved.



AMARONE

Project: Amarone Restaurant, Aberdeen. Client: Di Maggio's Restaurant Group. Designer: In-house Designer. "We have worked with Chelsom on a number of projects including Mondrian, Sanderson and St. Martin's Lane Hotels in London and they are our first port of call when it comes to decorative lighting. Their capacity to deliver on a project, combined with their knowledge, technical capabilities and flexibility means that they are always able to surpass our expectations whilst working within budgets."

Joan Cardy Owner and CEO The Cardy Group



ALEX
Project: Alex, Lake Zurich.
Client: Campbell Gray Hotels.
Designer: Brady Williams.

pyright 2020 Che

BAR & RESTAURANT



SOUTHSIDE SCRAN

Project: Southside Scran, Edinburgh.
Client: The Kitchin Group.
Designer: Burns Design.



JIN GUI
Project: JIN GUI Restaurant, Hamburg.
Client: Tortue Hotels.
Designer: Joyce Wang Studio.





ROSEWOOD

Project: Rosewood London. Client: Rosewood Hotels & Resorts. Designer: Tony Chi and Associates.

### MASTERS IN THE **RESTORATION** OF PERIOD LIGHTING

WE ARE REGULARLY INVOLVED IN REFURBISHING PERIOD LIGHTING AND OUR SPECIALISTS ARE TRAINED IN THE FINE ART OF LIGHTING RESTORATION.

Whether upgrading wiring and technology, refinishing metalwork, replacing missing components or simply cleaning and refurbishing fittings, we are able to transform antique and original lighting pieces with modern light sources whilst remaining sympathetic to the original period aesthetics.



### EXPERTISE IN THE LATEST TECHNOLOGY FOR HOSPITALITY AND MARINE LIGHTING

#### NEVER BEFORE HAS TECHNOLOGY PLAYED SUCH AN IMPORTANT ROLE IN DECORATIVE LIGHTING.

Although it is product aesthetics that drives our design ethos, we truly understand that this needs to coexist with the ever evolving technical landscape. Our fast-paced client base demands that we constantly have access to the latest technologies available so that our lighting products can better enhance an interior space. LED technology is utilised in all of our product ranges and we work hard to ensure our products can comply with sophisticated dimming and control systems.

As a fully global business, we work to all relevant international safety and compliance standards and with all of the major international regulatory bodies to ensure the highest possible standards are kept. Our highly capable in-house technical teams are fully experienced in all aspects of technical lighting.



#### PRODUCTS AND EQUIPMENT

We partner with the highest quality providers of LED chips, lighting electronics, dimming systems, switching parts, retro-fit lamps and other electrical component suppliers to ensure that the quality and controllability of our lighting is first class. We understand that lighting ambience and hotel guest experience can be compromised if a technical lighting brief is misinterpreted. Our teams are 100% flexible and can work to any technical brief in order to bring the technical lighting vision put forward by interior and lighting designers to life. Amongst a variety of state-of-the-art equipment we have our own in-house photometric testing so we can test, produce and integrate light sources to achieve specific light levels, customised colour temperatures, or specific CRI (Colour Rendering Index).

#### **TESTING AND REGULATIONS**

At Chelsom factories in the UK and China, continual investment means the latest manufacturing and testing equipment drives on the quality of our product. As standard we work to CE, UL and SASO standards but can happily work to any international regulatory standard as required to allow access to multiple markets. We are regularly audited to ensure 100% compliance across all areas.











#### DIMMING AND CONTROL

Whether using retrofit lamps or integrated LED light sources, we can work closely with customers to ensure compatibility with all dimming and guest control systems. Most of our products comply with either Phase dimming or 1-10V dimming systems as standard. However, we can work in partnership with designers and electrical contractors on a huge range of specialist control protocols, such as DALI, DMX and Casambi. At our in-house laboratories we will always test products with the relevant dimming systems as part



#### TECHNICAL AND DESIGN MODIFICATIONS

Our vast engineering and technical flexibility allows us to be one of the leading custom lighting suppliers in the industry. We understand that every project may require a certain technical modification in order to ensure it is totally suitable for application, especially when working across different countries. We will often modify standard product by simply changing plug types or modifying dimensions and we can modify products to incorporate convenience points for added functionality. Examples of this could be the introduction of charging ports, power outlets and USB sockets in the base of table lamps or perhaps the introduction of a switch to the stem of a floor lamp.





If you have any specific requests or queries about any aspect of technical lighting, please contact the Chelsom team on sales@chelsom.co.uk.

of our overall quality and technical control process.

## CARING FOR THE **ENVIRONMENT** AND OUR LOCAL COMMUNITY

\_

### AS A LEADING GLOBAL SUPPLIER OF CONTRACT LIGHTING, WE UNDERSTAND THE POTENTIAL IMPACT OF OUR OPERATIONS.

We strive to have positive impact on both the environment and the local community so we have specific internal committees in place that meet regularly in order to look at ways we can achieve this.



#### **ENVIRONMENTAL AWARENESS**

We have various policies in place to reduce our impact on the environment covering all aspects of our operations: energy consumption, supply chain management, travel & transport, materials, resources and waste management. We have teamed up with several entities to help us on our journey to becoming more carbon efficient – see examples below:





After recently participating in the Low Carbon Innovation Forum with Lancaster University, Managing Director, Will Chelsom, has been able to apply a lot of sustainable thinking to various areas of our business and we are continuing to look at other ways we can collaborate with this highly innovative organisation.



In 2020, the MaCaW project looked at Chelsom's carbon footprint and identified a number of ways it can be reduced, which we are already starting to address. Our entire management team are fully invested and committed to this low carbon ethos.





Through its Net Zero Carbon programme, our official freight partner, Kuehne + Nagel, actively contribute to the reduction of CO2 in transport and logistics worldwide. With the support of its customers, Kuehne + Nagel has set itself a goal of transporting completely CO2 neutral by 2030.



www.carbonbalancedpaper.com

This catalogue is printed on carbon balanced paper. Carbon Balancing is delivered by World Land Trust, an international conservation charity, whose Carbon Balanced Programme offsets emissions through the purchase and preservation of high conservation value forests.



Our full environmental policy can be found on our website at www.chelsom.co.uk.

#### SOCIAL RESPONSIBILITY

Chelsom has been an employer in the Blackpool area for over 70 years, with strong ties to our local community. Our CSR committee are forever engaged in looking at ways to help those less fortunate in our surrounding areas. We are delighted to say that we have partnered with two fantastic charities in the area for whom we raise money and awareness. We have also implemented a volunteering scheme whereby all employees are entitled to take paid leave to work with local charities of their choice throughout the year. Our chosen charities are listed below:



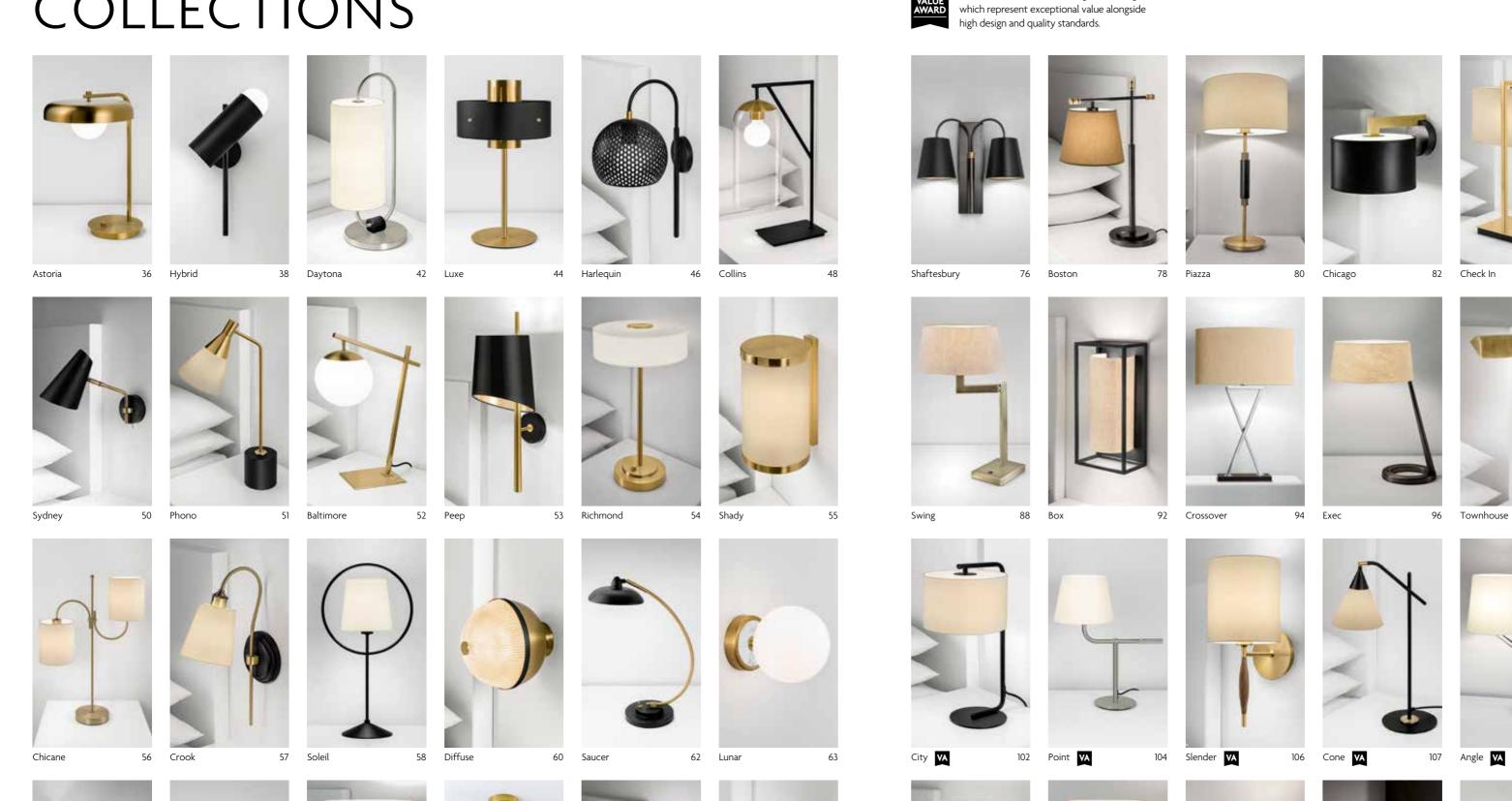
Providing bespoke support services in small groups to enable children to learn and practice essential life skills, Aspired Futures helps local young people facing various difficult challenges, fears and obstacles in life. They believe that every child and young person deserves to feel valued and respected and is entitled to the guidance they need in order to become independent, happy and safe at school, at work and in the community. At Chelsom, we fully share this belief and we want to try and be part of this solution.



Streetlife have helped homeless young people aged between 16 and 25 across Blackpool, Fylde and Wyre for over 35 years. Through their state-of-the-art Day Centre and Emergency Night Shelter, Streetlife have provided shelter, support, advice, counselling, food and toiletry parcels and therapeutic activities for the most vulnerable young people in the area. We are committed to supporting Streetlife as they carry out this important and inspiring work.



## COLLECTIONS



















The Chelsom Value Award is given to ranges









COLLECTIONS |

## **ASTORIA**

**Features:** Shallow domed metal shades cover matt Opal blown glass globes which are threaded for secure fixing. Table lamps have rotary dimmer switches.

Materials: Steel and glass.

#### Finishes:

Brushed Brass (BRB), Brushed Nickel (BN), or Satin Black with Brushed Brass (BL/BRB). Matt Opal glass. Metal shade interiors are white.





COLLECTIONS | 37



## HYBRID

**Features**: A striking overscaled cylindrical head gives ambient room light through the matt Opal glass top dome and directional task light from below. Heads swivel right/left with a mechanical stop to prevent over rotation.

Materials:

Steel and glass with acrylic diffuser.

Finishes:

Brushed Brass (BRB),

Brushed Nickel (BN),

or Satin Black (BL).















40

## DAYTONA

**Features:** Tall cylinder fabric shades are seemingly held within a looped tubular frame. The frame passes through a chunky cylinder in contrasting Satin Black. Floor lamps have three lamps to spread light evenly. Shades have Opal acrylic top diffusers.

#### Materials: acrylic diffuser.

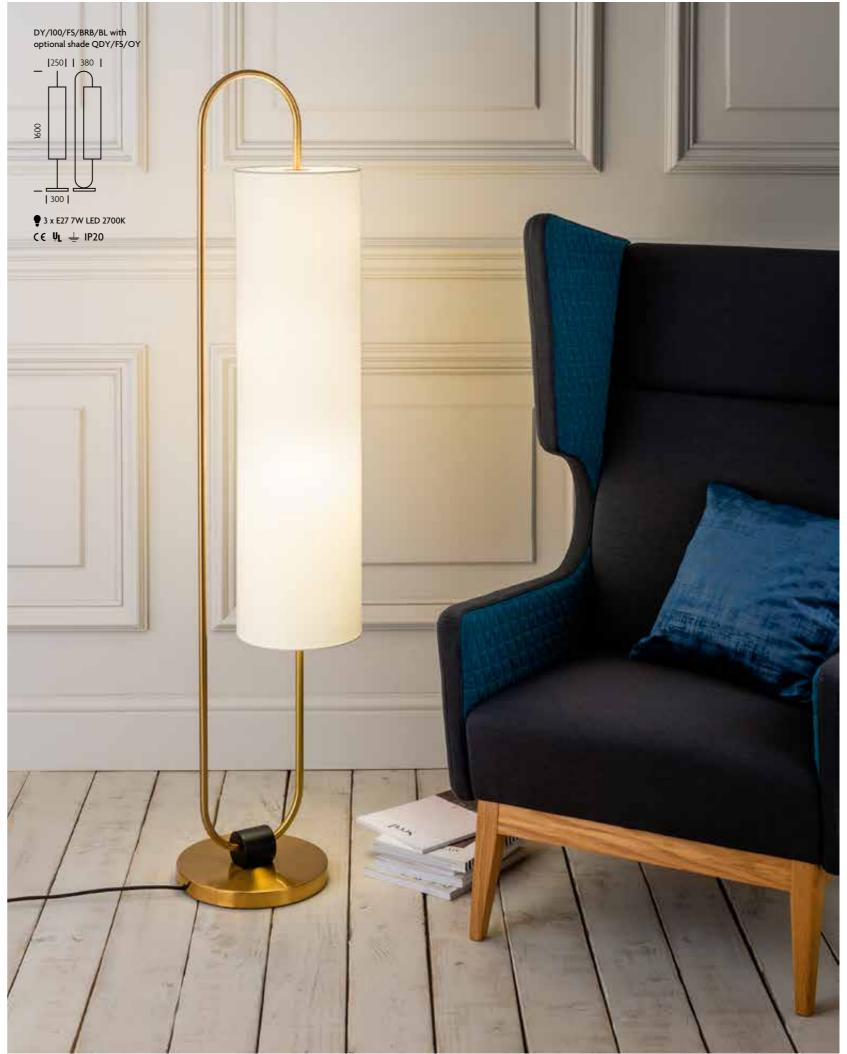
#### Brushed Brass with Satin Black (BRB/BL) or Brushed Nickel

with Satin Black (BN/BL).

#### Shades are bespoke for Daytona. Other fabrics available.





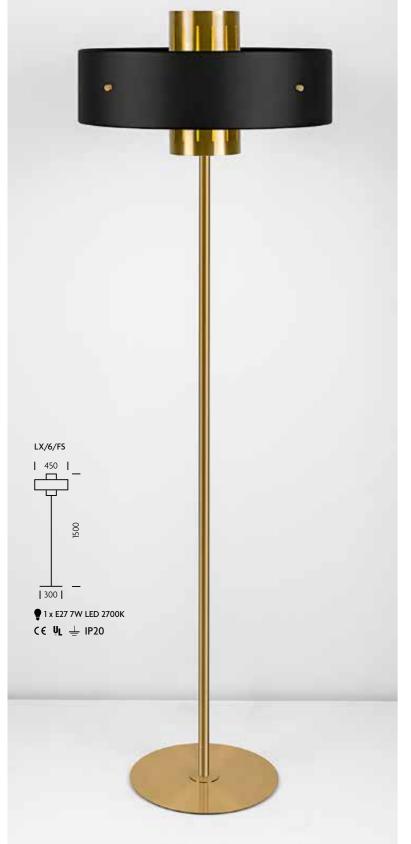


## LUXE

Features: Satin Black metal outer shades with rolled edges enclose Brushed Brass cylinder shades with vertical slots to allow a warm spill of ambient light. Outer shades are fixed with knurled screw heads and table and floor lamps stand on flush bases with decorative washers. Material:

Steel.

Brushed Brass with Satin Black.









## HARLEQUIN

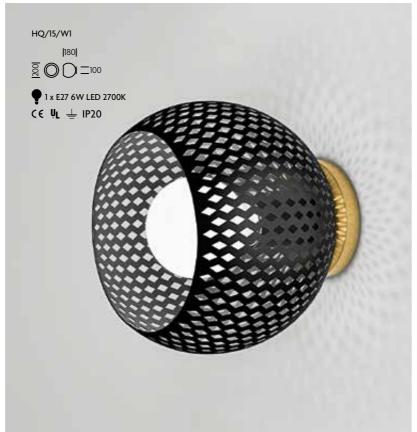
Features: A metal globe shade has diamond shaped perforations allowing a glow of light from the internal globe lamp. The perforations produce delicate light patterns onto surrounding surfaces. Wall light, HQ/15/WI, can also be ceiling mounted. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Material: Steel.

Finish:
Satin Black with
Brushed Brass.









46

## COLLINS

Features: Cantilevered arms support brass-capped Clear glass bell shades. Opal globe lamps give a soft internal glow from within. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Materials: Steel and glass. Finish: Satin Black with Brushed Brass accents.









## SYDNEY

SY/45/TL/BL/GB 395

LED 6W 2700K

**C**€ <u></u> IP20

Features: Asymmetric directional metal shades enclose warm white LED light sources. The stepped conical bases and wall light backplate house retro toggle switches. Wall light arms rotate left/right.

Material: Steel.

Finish: Satin Black with Golden Bronze (BL/GB).

PHONO

**Features:** Conical fabric shades fit seamlessly into spun metal cone holders. Table and floor lamps stand on heavy Satin Black cylindrical bases.

Material: Steel.

Finish:

Brushed Brass with Satin Black.

Shades are bespoke with other fabric options available.









(For UL please enquire.) **C**€ <u></u> IP20 (For UL please en

## **BALTIMORE**

Features: Angled upright columns and protruding arms support Opal glass globes which are secured with threaded metal rings to ensure safety and durability. High quality glass gives soft diffusion of light. Materials: Steel and glass.

Brushed Brass with Opal glass.

## PEEP

Features: Tall tapered columns on chamfered edge bases pass through fabric shades which are angle cut at the bottom to project light forward.

Material: Steel.

Finish:

Brushed Brass with Satin Black.

Other fabric options available for these bespoke shades.











BT/8/FS

| 300 | | 630

285 | 345 | 1 x E27 8W LED 2700K C€ UL ≟ IP20

## RICHMOND

Features: Internal integral LED light sources allow very shallow shades for unique proportions and excellent diffused light distribution. The range is complete with off white fabric shades secured on top with decorative grooved discs. Table and floor lamps include dimmer switches (wall light dimmable remotely).

Materials: Steel and fabric.

Brushed Brass (BRB).

## SHADY

Features: A substantial wall light with cylindrical shade enclosed with Brushed Brass top and bottom caps. The chunky table lamp has metal banding top and bottom and an under base finished in Off White. See page 239 for alternative wall light fabric shade.

Material: Steel.

Finish: Brushed Brass with table lamp under base Off White.

Shades are bespoke for this range. Other fabric options available.





## CHICANE

**Features:** A collection featuring twin arms which curve upwards and downwards on opposite sides of a central column to give good up and down light.

Material: Steel. **Finish:**Golden Bronze.

## CROOK

**Features**: A stepped column supporting a shepherd's crook style arm allows a good spread of downlight. Table and floor lamp bases plus wall light backplate have a rounded stepped detail. Lampholder cover has knurled detailing.

Material: Steel Finish: English
Brass with
Satin Black.













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56

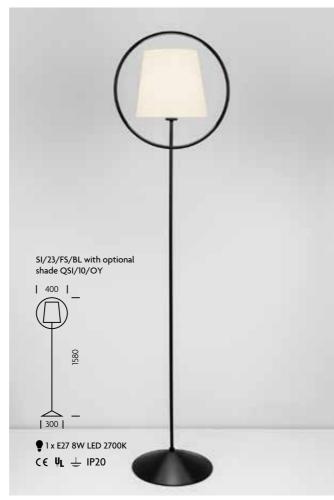
## SOLEIL

Features: Handmade fabric shades sit within metal circles supported by columns and shallow conical bases. Material: Steel.

Finishes: Brushed Brass (BRB) or Satin Black (BL).

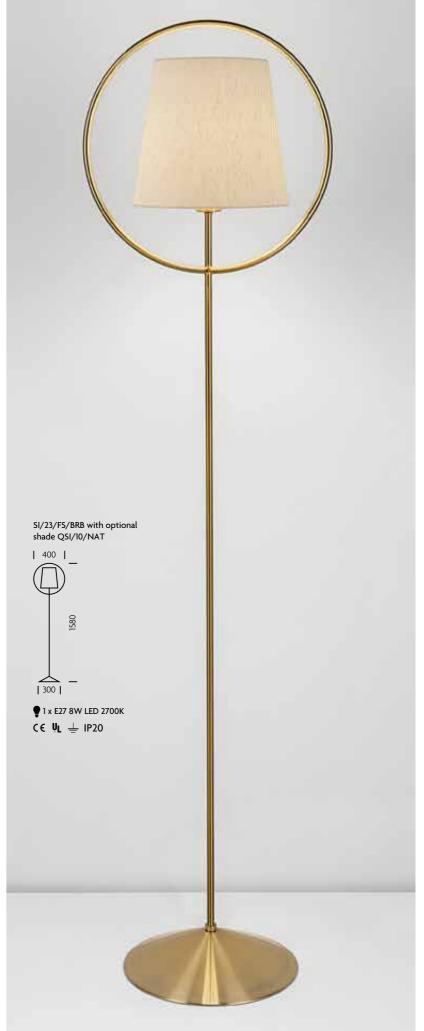












## DIFFUSE

Features: Heavy moulded cross-hatched Clear glass diffuses the light into a warm ambient glow. Metalwork is soft Brushed Brass with Satin Black banding. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Steel and glass.

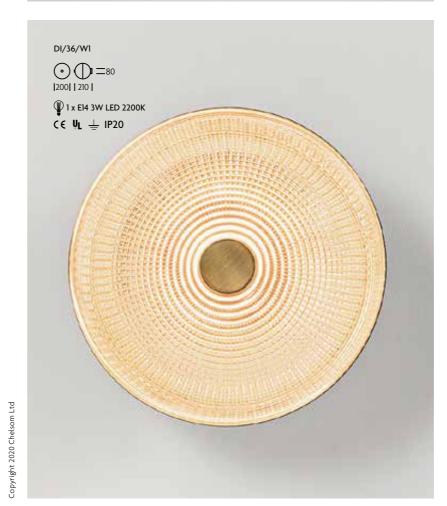
Brushed Brass with Satin Black and Clear glass.













## SAUCER

SE/14/FS/BL/BRB

640

300 LED 6W 2700K **C**€ <u></u> IP20 (Requires modification

for UL.)

Features: Shallow directional heads with Opal acrylic diffusers house warm white integral LED light. Wall and table lamps have integral toggle switches. Materials:

Steel with acrylic diffuser.

Satin Black with Brushed Brass (BL/BRB).

Finish:





## LUNAR Black

Features: Heavy stone bases and backplates sit within curved metal surrounds and glass globes are secured with threaded metal rings to ensure safety and durability. Wall lights can be fitted as up or down lights. THE RANGE IN THIS FINISH OPTION IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.







Steel, stone

Materials

and glass.

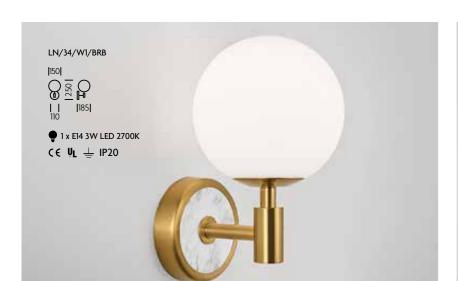
Satin Black (BL) with Grey stone and Smoke glass. See following pages for alternative finish - Brushed Brass (BRB) with Natural stone and Opal glass.





## LUNAR Brass

Features: Heavy stone bases and backplates sit within curved metal surrounds and glass globes are secured with threaded metal rings to ensure safety and durability. Wall lights can be fitted as up or down lights.

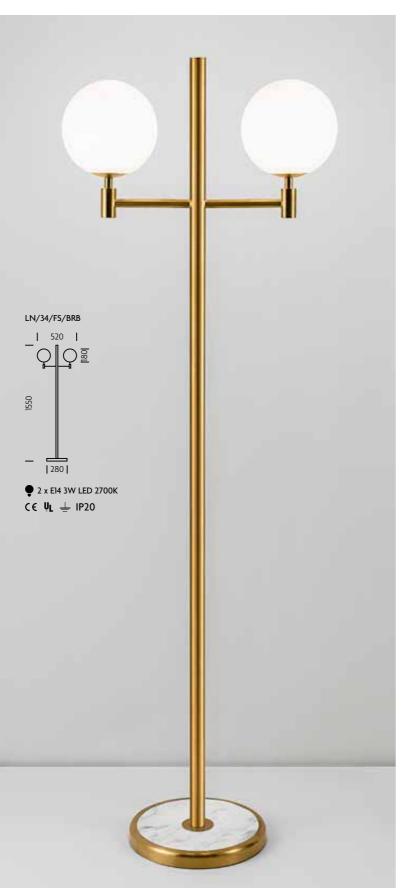






#### Materials: Steel, stone and glass.

Brushed Brass (BRB) with Natural stone and matt Opal glass. See previous page for alternative finish - Satin Black (BL) with Grey stone and Smoke glass.





## ROMA

**Features:** Tapered perforated metal shades with internal PVC Opal diffusers give a dramatic and softly diffused light effect. The table lamp has a directional shade and integral push switch in the base.

Material: Steel. Finish: Golden Bronze with Satin Black.









COLLECTIONS | 67

## **RADAR**

Features: Shallow perforated metal coolie shades are supported by detailed knurled lampholder covers and contain LED squirrel cage filament lamps. RA/4/DL and RA/5/WI have directional heads and the table lamp has a knurled rotary dimmer switch. RA/4/WI can be ceiling mounted. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Material: Steel.

Finish:
English Brass
with Satin Black.











COLLECTIONS |

# ROCK

Features: Refined vertical and curved columns sit on square detailed plates and heavy natural stone cubes ensuring good stability.

Materials: Steel with

natural stone.

Finish:

Black Bronze metalwork with Natural stone.







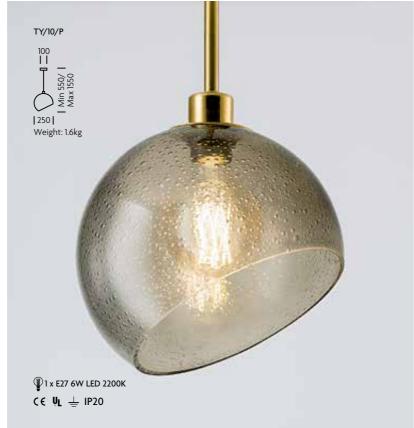


# TOKYO

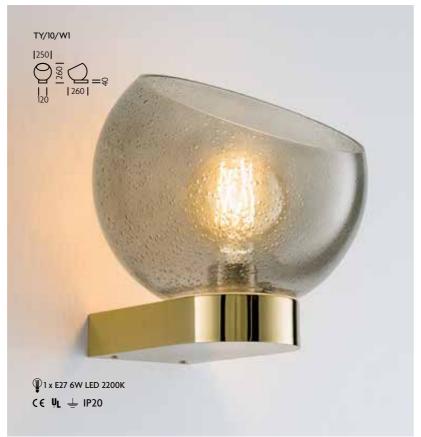
**Features:** Smoke seed glass globes enclose warm white LED filament lamps. The pendant has an optional Oyster fabric inner shade and is supplied with a fixed suspension rod which can divide into three connectable parts (250mm, 400mm or 600mm). **THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN**.

Materials: Steel and glass. Finish:
Brushed Brass and
Smoke seed glass.











#### **CAPRI**

**Features:** Heavily ribbed Opal glass shades are secured with metal threads onto knurled decorative double-stepped caps. Wall lights can be installed as up or downlighters. Light sources are integral, dimmable warm white LED. See page 296 for matching ceiling fittings.

Materials: Steel and glass.

Brushed Brass (BRB) or Black Bronze (BB) with frosted Opal glass.

# TRANQUILLO

**Features:** A collection featuring mouthblown heavy glass globes with an intricate 'snowflake' detail giving soft diffused light and delicate patterns onto Brushed Brass metalwork. The pendant is available in two sizes.

Materials: Steel and glass.

Brushed Brass with snowflake glass.





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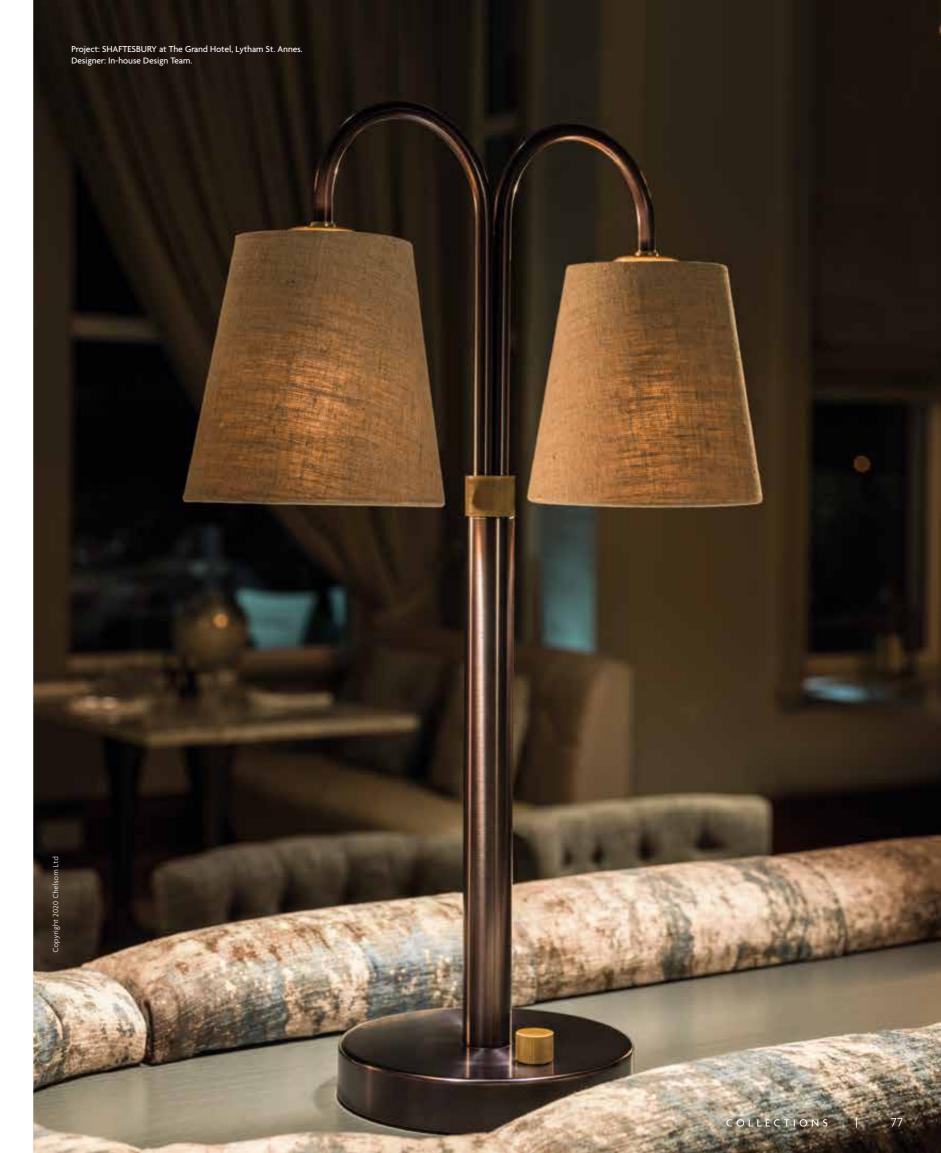
## SHAFTESBURY

Features: A double arm design with wall and table options. All models have a central knurled section and the table lamp is operated by a rotary dimmer switch.

Material: Steel.

Black Bronze with English Brass (BB/EBR).





## BOSTON

**Features:** Stepped bases (with colour co-ordinated push switches on table lamps) support crossed columns with decorative end turnings.

Material: Steel. Finishes:

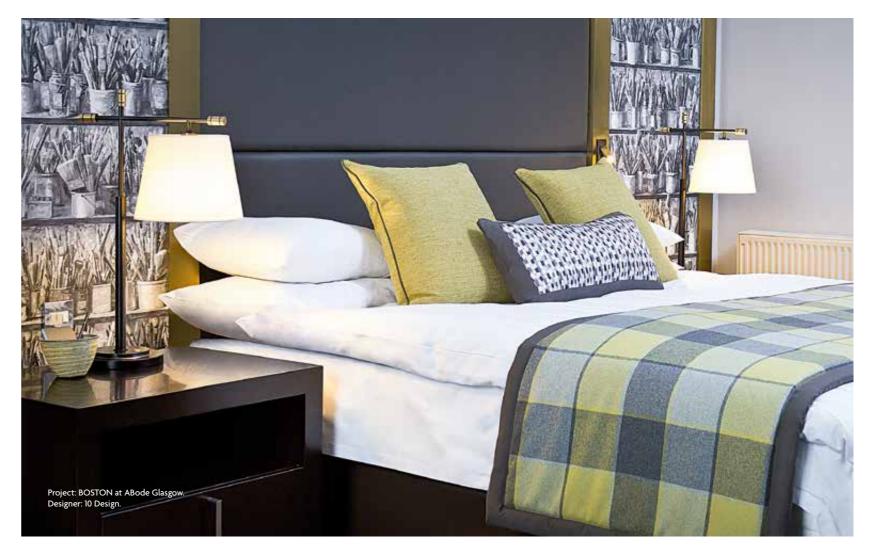
Black Bronze with English Brass (BB/EBR) or Polished Chrome (C). Shades:

Other fabric options available for these bespoke shades.







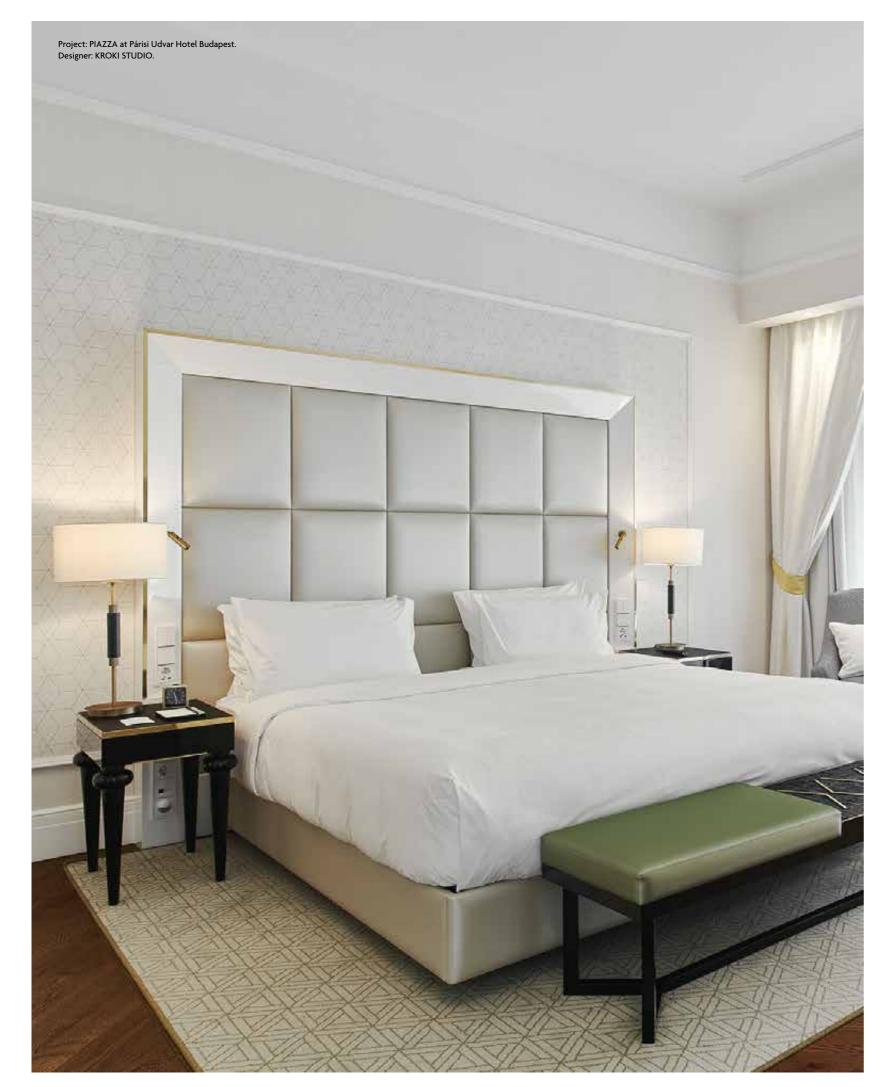






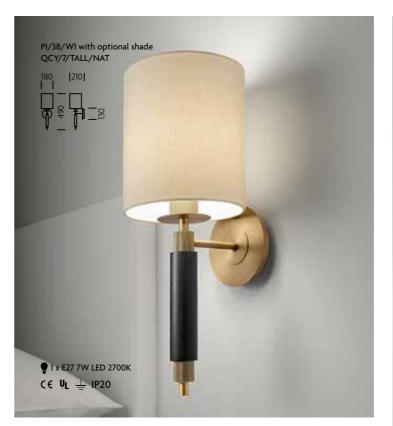
Copyright 2020 Chelso

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# PIAZZA

Features: Chunky Ebony stained wooden sections combine with reeded tubing to feature in this elegant guestroom lighting design. Materials: Steel and wood. Finish: Golden Bronze with Ebony.







# CHICAGO

Features: A Deco inspired collection featuring rectangular section tube which joins the circular base or backplate with a stepped detail. Shallow bespoke shades with bottom fabric diffusers (except Black with Gold lining) and integral LED light sources are supported from above and surround Opal acrylic top diffusers. Other shade fabrics available.

Materials: Steel with

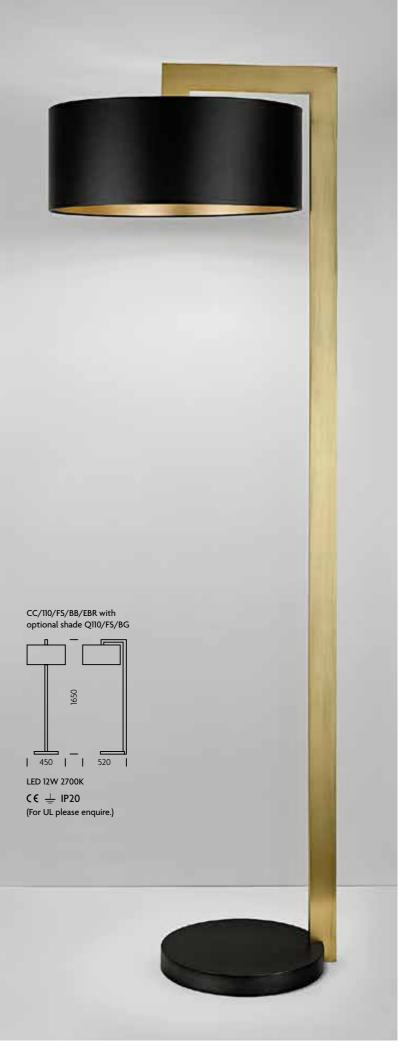
acrylic diffuser.

Black Bronze with English Brass (BB/EBR).









# CHECK IN Chrome

**Features**: Rounded rectangular shades are enclosed within twin upright square section columns. Wall light is also available with LED reading light and switch on the backplate.

Material: Steel.

CH/9/W1/LED/C with optional shade QCHB/14/OY

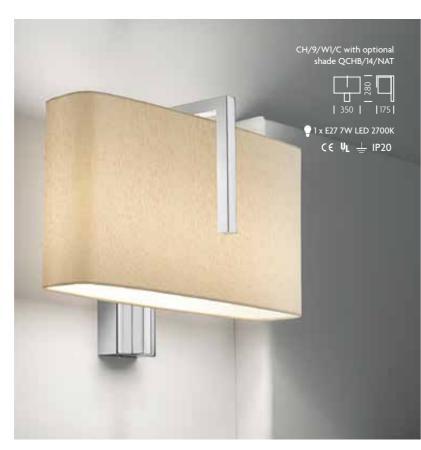
↑ 1 x E27 7W LED 2700K plus 1 x LED 1W 2700K C € ↓ ↓ IP20

#### Finish

Polished Chrome (C) with Black underbase. See page 86 for Brushed Brass (BRB) finish

#### Shades:

All shades are bespoke for the Check In range. Fabrics shown are Oyster cottonette (OY) and Natural (NAT). Other fabrics to special order. Shades have integral top diffusers with a central ventilation hole.









COLLECTIONS | 85

#### CHECK IN Brass

**Features:** Slim rounded corner rectangular shades are held within the rectangular metal framework of the double columns.

Material: Steel.

Brushed Brass (BRB) with black underbase. See previous pages for Chrome (C) finish.

#### Shades

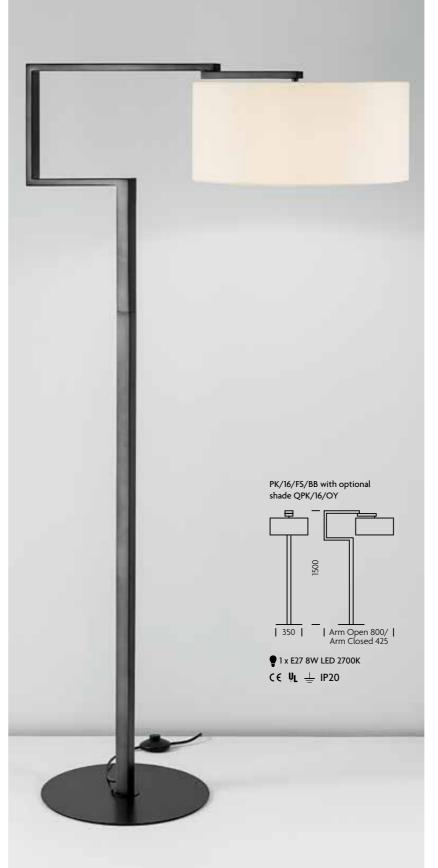
Shades are bespoke for the Check In range. Fabrics shown are Natural (NAT) with other fabrics to special order. Shades have integral top diffusers.

#### PARK

**Features**: Sleek swivel arm action allows 270° rotation or shade can be 'parked' within the top framework. Shades have detailed Opal acrylic top diffuser. Neat when 'parked', the shades give a wide arc of light when extended. For floor and table, the cable exits above the slim flat bases.

Materials: Steel with acrylic diffuser. Finish: Black Bronze (BB).









# SWING Reading

Features: Robust detailed hinges allow arms to swivel. Cylindrical heads with ventilation hole rotate to give directional reading light.

Material: Steel.

Finishes: Polished Chrome (C) or Black Bronze (BB).













## SWING Brass

Features: Robust detailed hinges allow arms to swivel.

Material: Steel.

Finish:

Antique Brass (AB).

Shades:

See back of catalogue for full range of optional shades.

# SWING Chrome

Features: Robust detailed hinges allow arms to swivel.

Material: Steel.

Finish: Polished Chrome (C).

See back of catalogue for full range of optional shades.















#### BOX

**Features:** Linear steel frames encase cylinder shades in a variety of fabrics. Pendant normally supplied with clear cable suspension. Fixed rod suspension for bedside use as shown to special order.

Material: Steel.

Finish: Textured Black. Shades:

Diffusers are fitted in the top of table and floor lamp shades and bottom of pendant shade. Other fabrics available to special order.









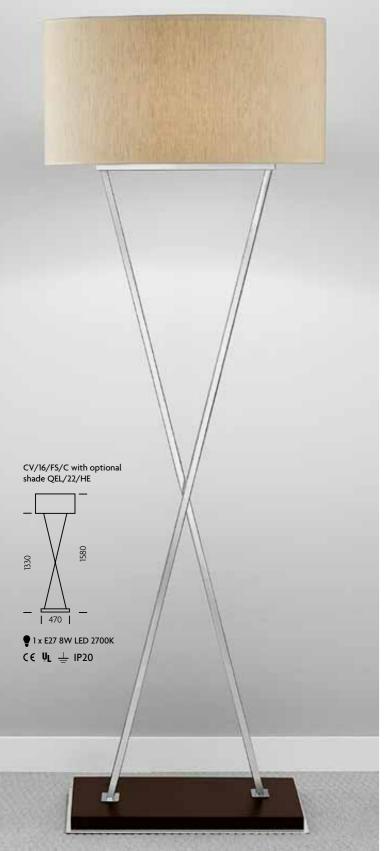
# **CROSSOVER**

Features: Crossover sections pass one in front of the other (except wall light) and wooden bases are mounted on protective Chrome plinths.

Materials: Steel and wood. Polished Chrome with Chocolate

wood bases.

See back of catalogue for full range of optional shades.









## **EXEC**

Features: Oval hollow bases and tapered columns. Desk and table lamps have colour co-ordinated push switches in base. Floor lamps have vertical (FS1) or angled (FS2) columns.

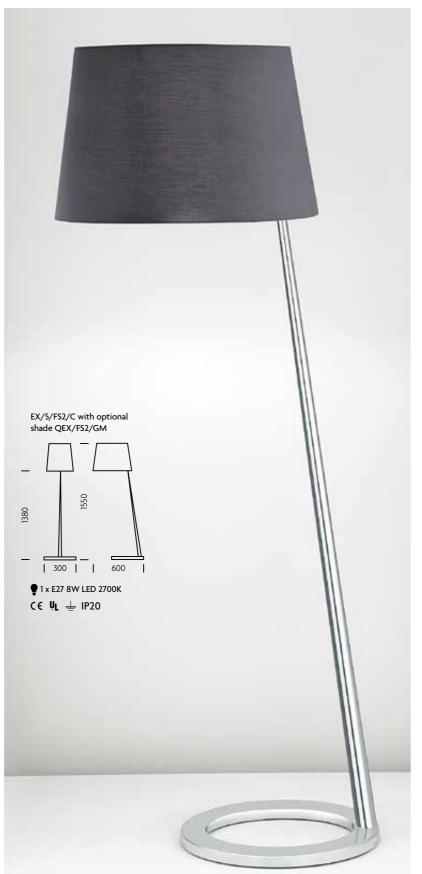
Material: Steel.

Finishes: Polished Chrome (C). Black Bronze (BB) to special order

for minimum quantities.

All shades are bespoke for the Exec range. Desk and table lamps have a top diffuser with oval ventilation hole.







## **TOWNHOUSE**

**Features:** Rectangular stepped bases, tubular columns and triangular canopies give a timeless style. Upright columns swivel left/right and canopies rotate to give a full range of directional light. Desk and wall lights have knurled rotary dimmer switches. Canopies have internal polished metal reflectors.

Material: Steel. Finishes: English Brass (EBR) or Black Bronze (BB).













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#### **TRIP**

Features: TR/4/WI/LED/\* has an integral driver and two switches, one for the main light and one for the LED reading light. Different switching options are available to special order for minimum order quantities of 50 pieces. **PRICING AND DIMENSIONS** INCLUDE COTTON FABRIC SHADES (SPECIAL FABRICS MAY BE EXTRA).

Material:

Finishes:

Gold (CHG).

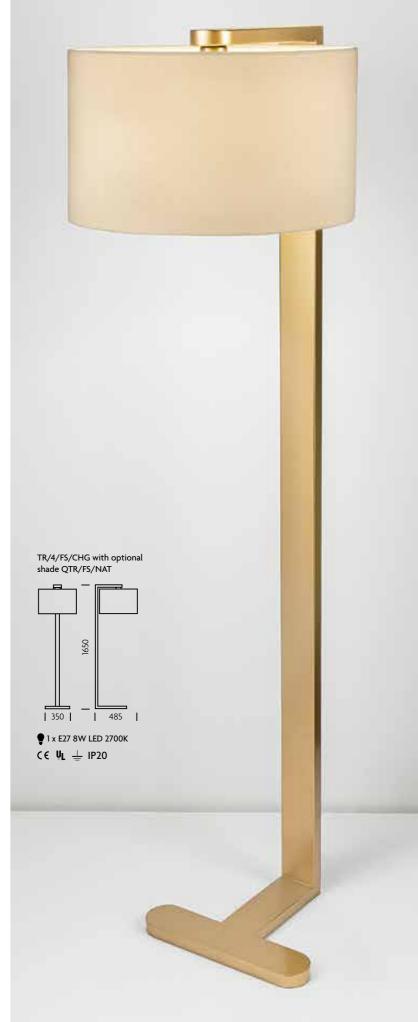
Aluminium (AL) or Champagne

Shades are bespoke for the Trip range and have integral top parchment diffusers. Other fabric options available - see back of catalogue.











Features: An up-and-over arm configuration which suspends the shade at the top and runs across a slim base at the bottom. Tube ends have a rounded detail and fittings are complete with integral Opal acrylic top diffuser.

#### Materials:

Steel and acrylic diffuser.

#### Finishes:

Brushed Brass (BRB), Brushed Nickel (BN) or Satin Black (BL).

#### Shades:

Shades are bespoke for this range with other fabric options available.











## POINT

Features: A directional table and floor lamp with robust arms finishing in a knurled handle allowing the light source to rotate. Wall light arm is fixed.

Material: Steel.

Finishes:

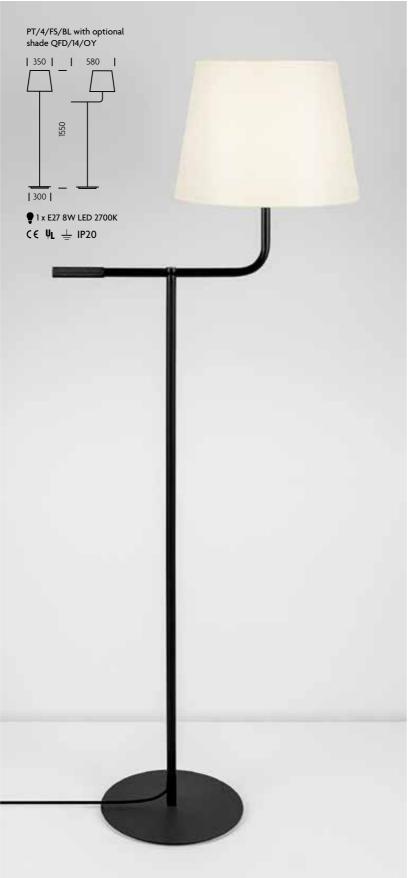
Brushed Brass (BRB), Brushed Nickel (BN),

or Satin Black (BL).











#### SLENDER MA

Features: Tall slender columns have faux grained wood centre sections. Tall cylinder shades are available in a range of fabrics. Material: Steel.

Brushed Brass with faux grained wood.



Features: The conical metal head runs seamlessly into the conical fabric shade and gives soft diffused downlight. All heads swivel up/down and left/right. Arm to column joint is fixed.

Material: Steel.

Finish:

Satin Black with

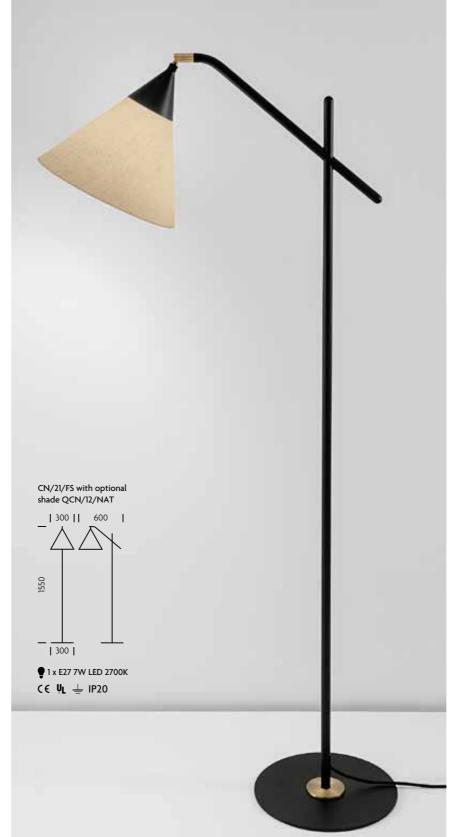
Golden Bronze.

Shades are bespoke for the range. Other fabric options available.













# ANGLE WARD

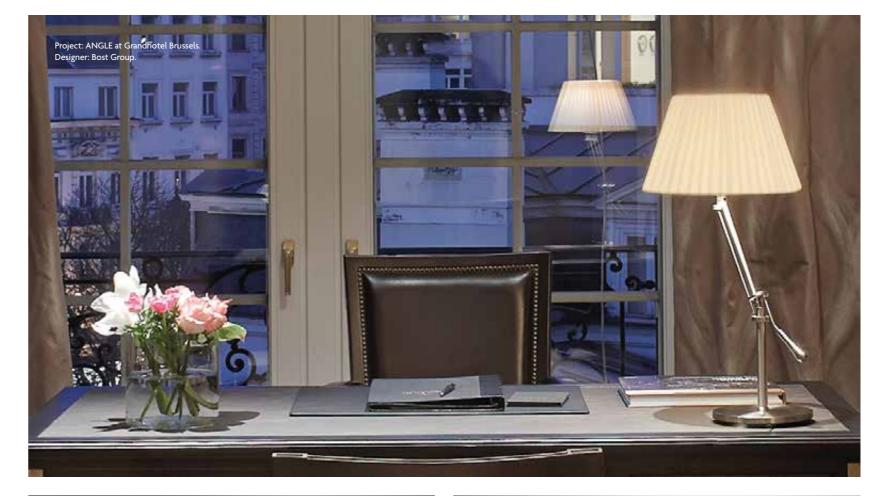
**Features:** Arms can be adjusted vertically with the shade always remaining upright. Wall light swivels left – right. **PRICES AND DIMENSIONS INCLUDE SHADES SHOWN**.

Material: Steel. Finishes:

Polished Chrome (C) or Brushed Nickel (BN) with Oyster shades. Shades:

See back of catalogue for full range of optional shades.









IN8

## DOWNTOWN 🚎

Features: Brushed Brass accents contrast with Satin Black metalwork and tapered shades are suspended giving good downlight. The table and floor lamps sit on heavy slim bases and the combination wall light has a directional switched LED reading light with integral driver in the backplate. Fabric shades are bespoke for this range - other fabrics available. Material: Steel.

Finish: Satin Black with Brushed Brass.









#### PLAZA MANGE

Features: A double column or arm feature joins rectangular bases or backplate.

Material: Steel.

Finish: Brushed Nickel. Shades:

See back of catalogue for full range of optional shades.

WEEKEND WEEKEND

Features: Off centre columns for table and floor lamps sit on heavy circular bases and the range has contrasting Walnut wood sections.

Materials: Steel and wood.

Satin Black with Walnut.













## AVENUE DE

Features: Conical turnings join bases or backplate to columns or arm. Floor lamp column is stepped.

Material: Steel.

Finishes: Polished Chrome (C) or Satin Black with Brushed Brass (BL/BRB).

Shades: See back of catalogue for full range of optional shades.













# PROJECT WARE

Features: Desk lamp and wall reading light have adjustable swivelling heads and wall reading light arm moves left – right. PJ/9/TL/LED/C has adjustable LED reading light with integral driver and two switches in the base.

Material: Steel.

Polished Chrome.

See back of catalogue pages for full range of











## INTERIORS

**Features:** Round Polished Chrome plates are inset flush into square bases and backplates. Combination wall light has integral driver.

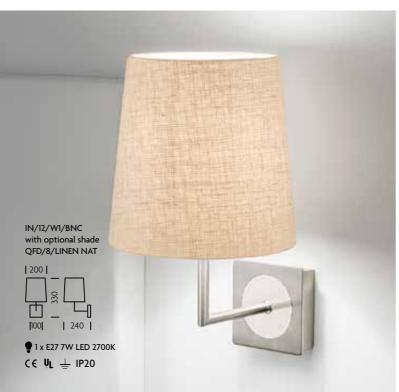
Material: Steel.

Finish:

A combination finish of Brushed Nickel with Polished Chrome (BNC).

See back of catalogue for full range of optional shades.







IN/12/FS/BNC with optional shade QFD/18/OY

270

¶ 1 x E27 8W LED 2700K C€ VL ≟ IP20

## URBAN Brass

**Features:** Wooden bases are mounted on protective Brass metal plinths. Combination LED wall light includes integral driver and reading light switch. Materials:

Steel and wood.

Finishes:

Brushed Brass with Ebony Shades shown are bowed (BRB/EB) - see following page rectangles (QBR). See back for Polished Chrome with of catalogue for full range Chocolate wood (C/CH). of optional shades.









UR/6/FS/BRB/EB with

300 | ¶ 1 x E27 8W LED 2700K CE UL 🛓 IP20

optional shade QBR/20/OY

## URBAN Chrome



Features: Wooden bases are mounted on protective Chrome plinths. Combination LED wall light includes integral driver and reading light switch.

Steel and wood.

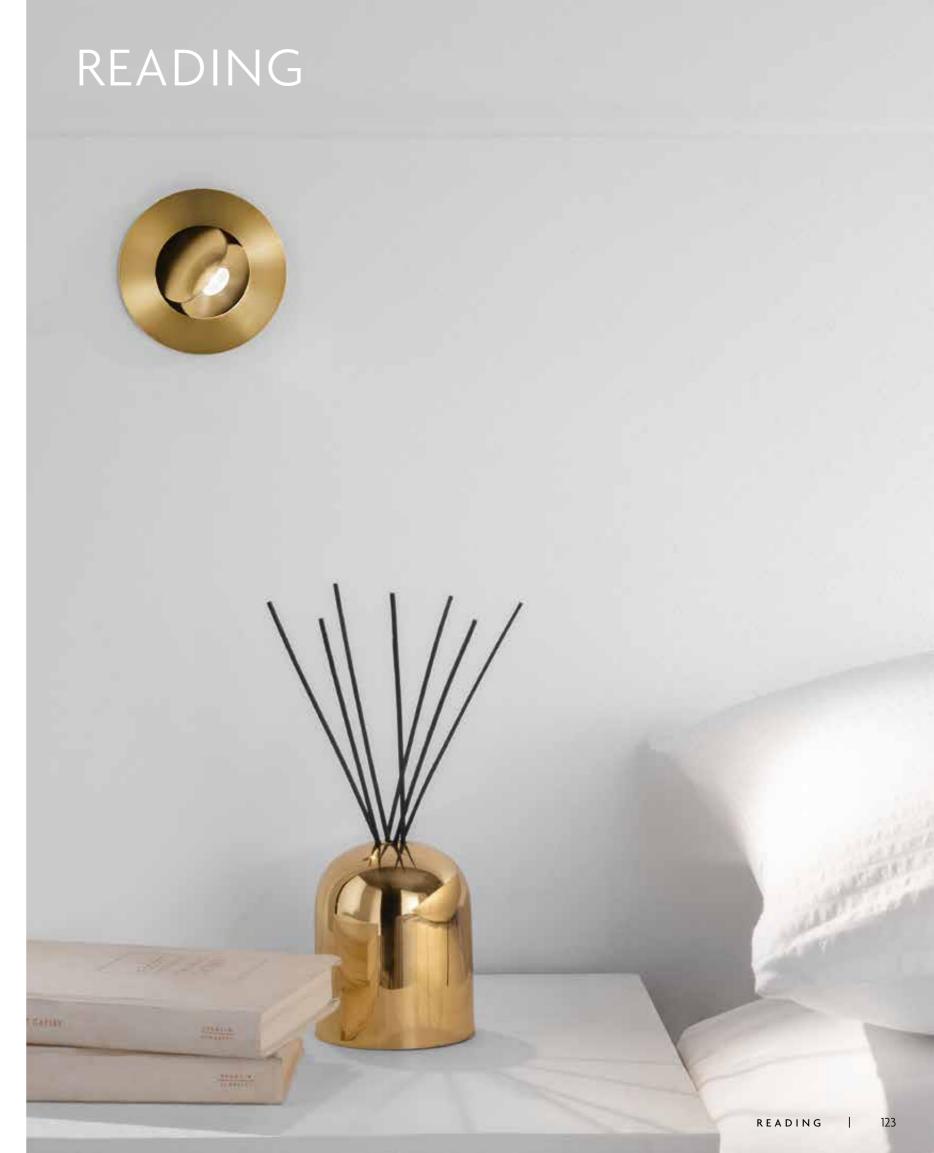
Polished Chrome and Chocolate Wood (C/CH). See previous pages for Brushed Brass with Ebony Wood (BRB/EB).

Shades shown are bowed rectangles (QBR). See back of catalogue for full range of optional shades.



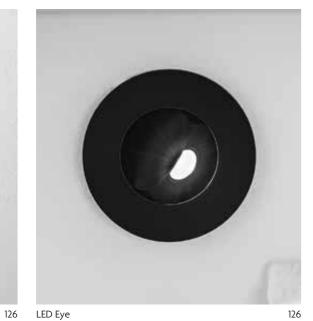






## READING









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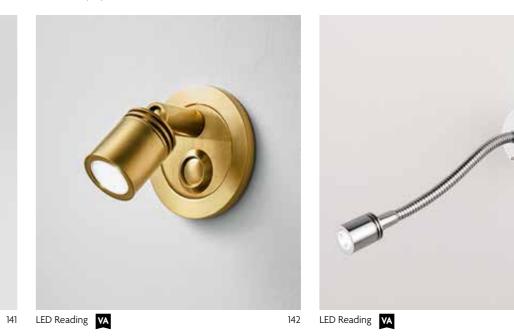




















LED Reading VA



142 LED Reading VA



#### LED EYE

**Features:** A discreet LED bedside reading light which recesses into the headboard leaving it almost entirely flush to the surface. The unique lip feature at the bottom encourages guests to open the centre section and that automatically operates the light. The internal unit then swivels 80° left, right and 90° forwards to give a full range of warm directional reading light. Closing the unit then switches it off. The product comes with a LED driver for remote mounting. See page 128 for technical detail.









#### Materials:

Steel and aluminium.

#### nishes:

Brushed Brass (BRB), Brushed Nickel (BN), Matt White (MW), or Satin Black (BL). See page 128 for custom combination finishes available with minimum quantities of 50 pieces.











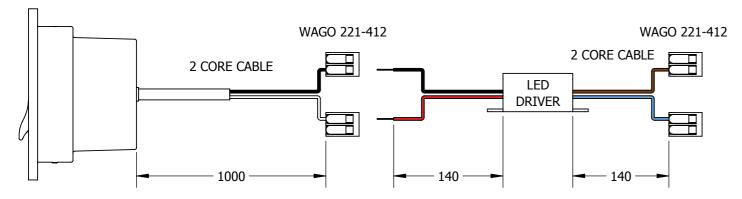
126

#### LED EYE

Illustrated below are examples of combination finishes available to special order for a minimum quantity of 50 pieces.

# LED/I/J/8N/BL LED IW 700K ( € Ψ, ◊ IP20

#### Wiring diagram including remote driver



#### LED DOCK KNURL

**Features**: A warm white LED reading light is housed within a knurled cylinder head that swivels 90° left, right or forward. A docking switch activates the light source when the head is pulled forward. The product can be vertically or horizontally mounted. For dimensions and technical details, see page 133.

Materials: Steel and aluminium. Finishes: Brushed Brass (BRB), Brushed Nickel (BN) or Satin Black (BL).







-

READING | 129

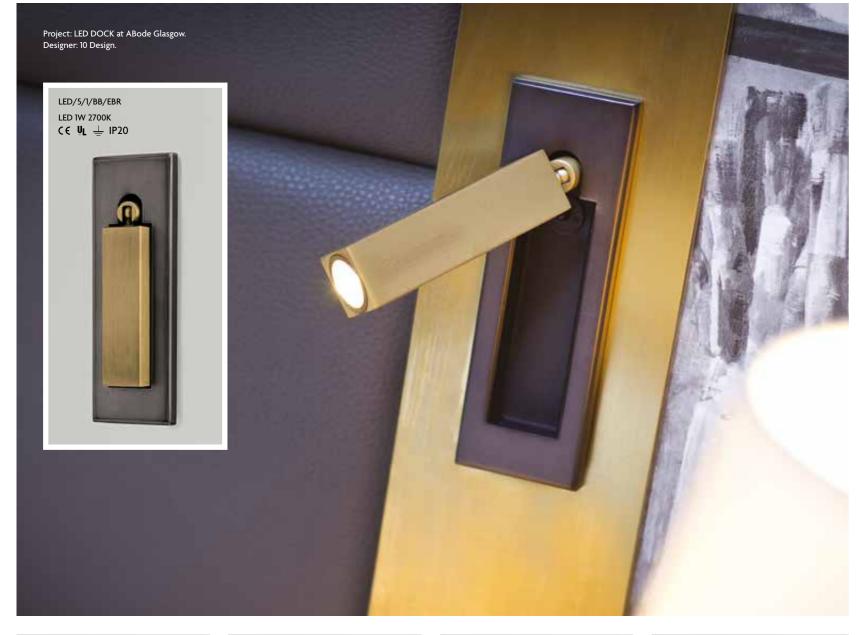
#### LED DOCK

Features: A warm white LED reading light is housed within a rectangular or cylindrical head that swivels 90° left, right or forward and 'docks' into a semi recessed backplate, which can be vertically or horizontally mounted. Finishes, docking and push switch options plus installation information, are shown on this and the following pages.

#### Materials:

Steel and aluminium.

Polished Chrome (C), Black Bronze (BB), Black Bronze with English Brass (BB/EBR), Satin Black with Chrome (BL/C), Brushed Nickel (BN) and English Brass (EBR).





















#### LED DOCK

Features: See page 130. The Dock range can be offered to special order with an integral USB port fitted for minimum 50 pieces. Note: LED driver is integral but USB transformer is remote – see diagram below. For headboard mounting only.

#### Materials:

Steel and aluminium.

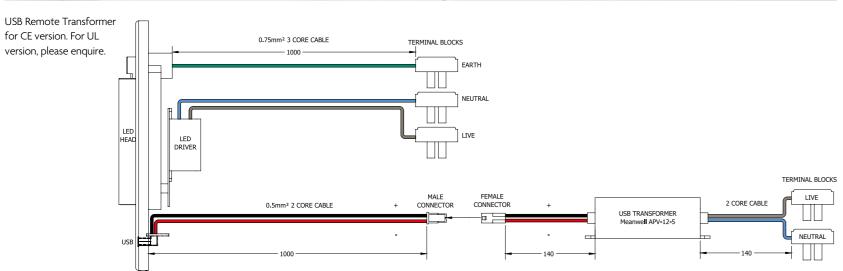
#### Polished Chrome (C), Black Bronze (BB), Black Bronze with English Brass (BB/EBR), Satin Black with Chrome (BL/C), Brushed Nickel (BN) and English Brass (EBR).

Available with automatic docking switch in the backplate recess or with shallow push switch in the base of the backplate (except USB version).

Switching options:

For simple installation, headboards can be prepared incorporating cutouts and fixing holes as shown in the templates below. Units come complete with switch, LED driver and terminal block fitted to the back for ease of electrical installation. Once connections are made the internal backplate is screwed to the headboard recess and finally the front cover plate is fitted with one discrete locating screw at the bottom.

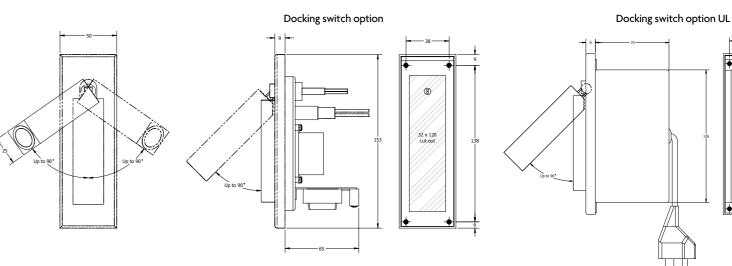


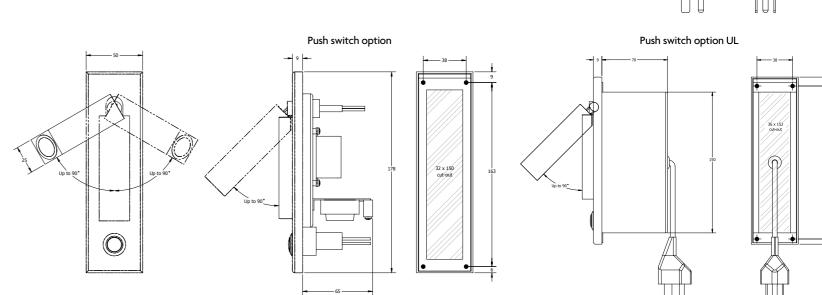












for CE version. For UL

#### LED DOCK Combi

**Features:** Combination wall lights with docking switches for the LED heads housed in the backplates. The ambient room light sits within a fabric shade. Products are right and left handed for bedside use.

Materials:

Steel and aluminium.

Black Bronze with English Brass (BB/EBR), Satin Black (BL), or Brushed Nickel (BN). Shades

Shades are bespoke for this range. Other fabric options available.

**Features:** Slender guestroom or cabin bedside wall lights with main room illumination from within the fabric shade, an LED reading light and a USB charging port. The reading light has a docking switch, the main light a push switch. The USB port remains powered even when lights are switched off.

Materials: Steel and aluminium. Finishes: Black Bronze (BB) or Polished Chrome (C).











1000

134 READING | 1

## LED KNURL

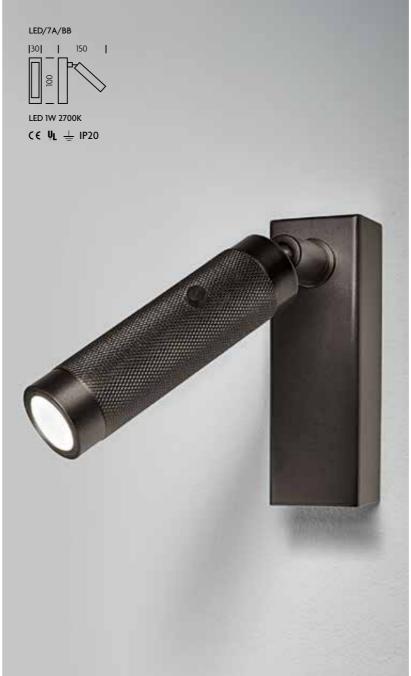
Features: The cylindrical heads have detailed knurling and a black on/off push switch. All three finishes are available with rectangular backbox housing an integral driver or with discrete round backplate with concealed fixings for remote driver location. Prices include integral or remote driver. An option with integral USB port and remote transformer is available for minimum quantity 50 pieces and for headboard mounting only.

Material: Steel.

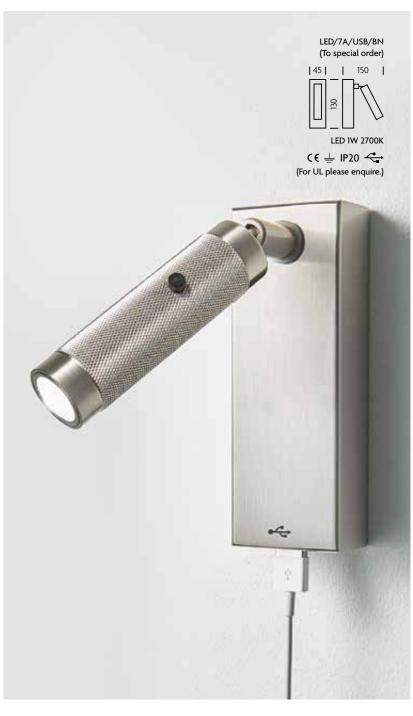
Black Bronze (BB), Brushed Nickel (BN) and Brushed Brass (BRB).













READING | 137

## LED FOCUS

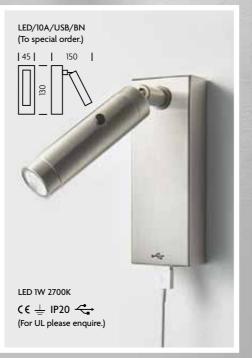
Features: The cylindrical heads have a black on/off push switch. Rectangular backbox houses an integral driver or discrete round backplate has concealed fixings for remote driver. Prices include integral or remote driver. An option with integral USB port and remote transformer is available for minimum quantity 50 pieces and for headboard mounting only. Combination wall lights are for double or twin bed configurations with main light switched remotely (integral switching to special order for minimum 50 pieces).











Material:

Steel.

Black Bronze (BB), Brushed Nickel (BN), Brushed Brass (BRB), Satin Black (BL) or Polished Chrome (C).





#### LED CLASSIC

Features: For the more traditional interior, LED Classic features a detailed backplate with integral toggle switch and a sculptured head secured by knurled rings on a stirrup bracket. Prices include remote driver.

Material: Steel

Finishes:

English Brass (EBR), Black Bronze (BB), Brushed Nickel

## LED DOME

Features: A fully adjustable domed head containing a high quality focusing lens allows a perfect spill of directional light. The light is activated by a metal push switch and there is a USB port which is permanently powered. The product has an integral driver located within the backbox. There are four decorative knurled front face screws.

Material: Steel.

Satin Black with Brushed Brass (BL/BRB) or Satin Black with Brushed Nickel (BL/BN).







## LED READING

Features: A collection of reading lights with either grooved cylindrical heads or tapered designs and high quality focussing lenses. Backplates are for integral or remote switching. Prices include integral or remote driver. Note: Flexi arms are robust 10mm diameter.

#### Material:

Steel.

Brushed Nickel (BN), Brushed Brass (BRB), Satin Black (BL), Polished Chrome (C) and Aluminium (AL). LED/100/300/350/500/800 are only available in BN, BRB and C.

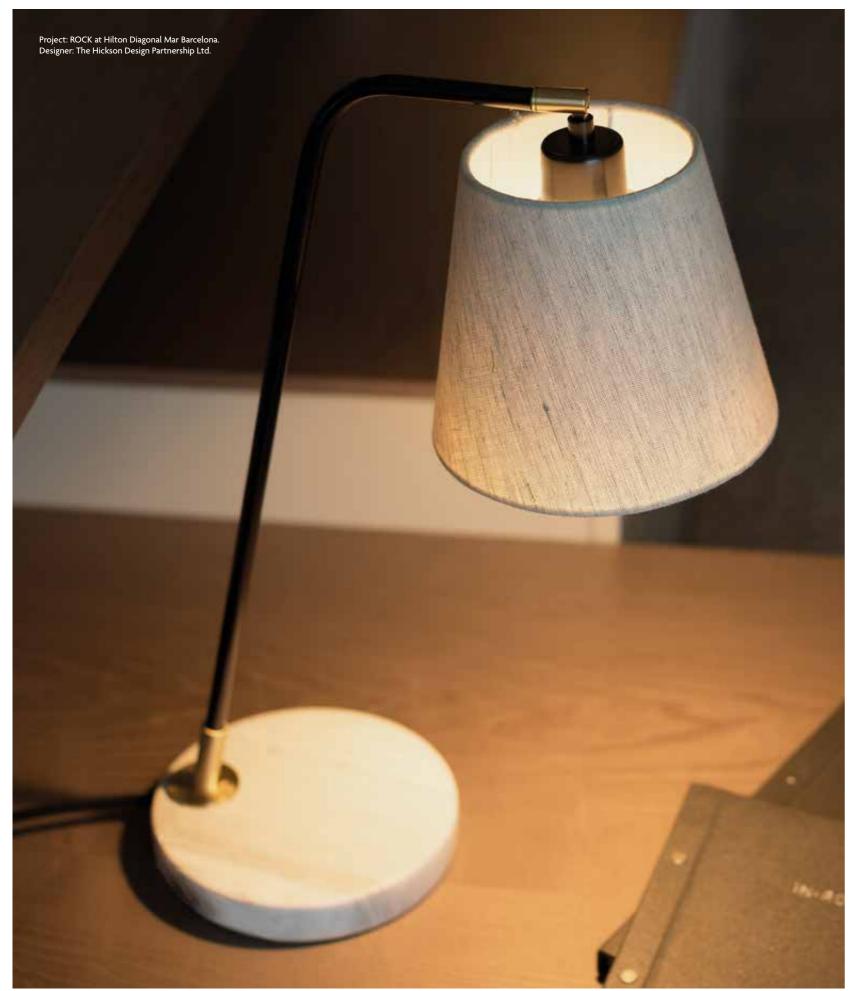








# DESK



















153 Desk Crane



DESK | 145

LED Desk Knurl

# ROCK Desk Lamp

Features: Lamps feature heavy Natural stone bases. For DL/16/BB/EBR, shade swivels and adjusts. SW/40/TL/EBR/STONE has a robust detailed hinge allowing the arm to swivel and the head rotates to give directional reading light. Both models are suitable for bedside or desk use.

#### Materials:

Steel and natural stone.

English Brass with Natural stone for SW/40/TL/EBR/STONE and Black Bronze with English Brass and Natural stone for DL/16/BB/EBR.





DESK | 147

## Desk CANOPY

Features: Adjustable canopy gives good light direction with internal reflector plate. Colour co-ordinated push switch in base. Material: Steel.

Black Bronze with English Brass (BB/EBR) or Satin Black with Chrome (BL/C).

# Desk HUB CAP

Features: Desk lamp has an integral LED light source and a colour co-ordinated push switch in base. Opal acrylic diffuser gives good diffused light.

Materials: acrylic diffuser.

Finishes: Black Bronze with English Brass (BB/EBR) or Polished Chrome (C).





DESK | 149

# Desk STUDY

Features: Desk lamps with heavy stepped bases and two toothed locking key swivel joints. Bases include integral toggle switch. Other shade fabric options are available to special order. Material: Steel.

Finishes:

Black Bronze with English Brass (BB/EBR), Polished Chrome (C) or English Brass (EBR).









#### BIBLIO

Features: A stepped base, deeply grooved directional handle and decorative key toothed locking joints are key features of this desk lamp. The arm rotates at the column step and the canopy head swivels left/right. Shade interior is White painted for extra illumination.

Material: Steel.

Black Bronze with English Brass (BB/EBR) or Polished Nickel (PN).

## LED Desk KNURL

Features: A compact desk lamp with a knurled cylindrical head which incorporates an on/off switch. The head swivels left, right and forward. Material: Steel.

Finishes: Brushed Brass (BRB), Brushed Nickel (BN) or Satin Black (BL).











## Desk CRANE

Features: Warm white LED light source allows diffused light from slim arm. Desk lamp arm swivels 90° left and right – floor lamp arm is fixed. Desk lamp has colour co-ordinated push switch in the base. Materials:

Steel with acrylic diffuser.

Satin Black with Chrome (BL/C). Polished Chrome and other finishes available to special order for minimum quantities.

## BALANCE

Features: A multi-directional bedside or reading light. Arm positions adjust at two separate points secured by locking keys. Heads are held in a stirrup mechanism for adjustment. Metal shades are White inside.

Materials: aluminium.

Satin Black with Aluminium accents.





DESK | 155

DESK

The Desk Lamps here are from Collections illustrated elsewhere in the catalogue and page cross references are shown.



















The Chelsom Value Award is given to ranges which represent exceptional value alongside high design and quality standards.

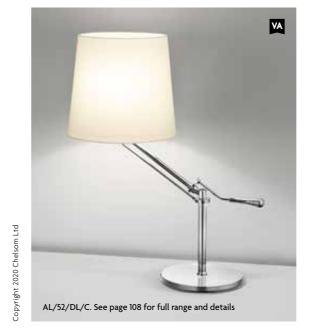
















DESK | 157

## BATHROOM





The Chelsom Value Award is given to ranges which represent exceptional value alongside high design and quality standards.

















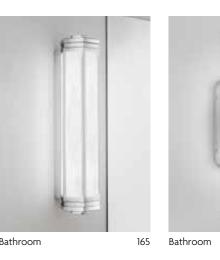
























#### Bathroom CUSTOM MIRRORS

Chelsom are specialists in the design and manufacture of custom mirrors for the global hospitality market. All sizes and shapes can be considered together with different light sources and different metal finishes.

There may be minimum quantity requirements. Please contact Chelsom with any enquiry.



Project: CUSTOM MIRRORS at DoubleTree by Hilton Hull.
Client: Hilton Hotels and Resorts. Designer: Hampton Design.

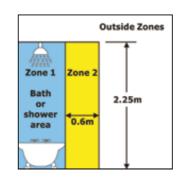
Project: CUSTOM MIRRORS at Lincoln Plaza London, Curio Collection by Hilton.

Client: Hilton Hotels and Resorts.





Designer: Robert Angell Design International.



#### **REQUIREMENTS BASED** ON REGULATIONS FOR LUMINAIRES IN **AREAS CONTAINING** A BATH OR SHOWER

For the purpose of defining the regulations, the bathroom is divided into two zones as shown above. In any room containing a bath or shower, protection by a RCD (Residual Current Device) of 30 mA with a response time of 0.4 seconds is required for each circuit.

#### Zone 1

The area above that defined by the perimeter of the bath or shower tray. Only fittings supplied from a remote 12V transformer and having a minimum rating of IPx5 are recommended.

#### Zone 2

Area adjoining bath or shower tray. Outside the perimeter of the bath or shower up to a distance of 600mm, fittings with a minimum IPx4 rating are required, either mains or low voltage.

#### Outside of Zones

#### The remaining area of the bathroom beyond Zone 2.

In this area any mains or low voltage luminaire can be used if protected by an RCD.

Only bath or shower areas are relevant in these regulations – washbasins are not. If water jets are used (this does not include shower heads), then IP55 is required.



Project: CUSTOM MIRRORS at Movenpick Hotel Paris Neuilly.

Client: Movenpick Hotels and Resorts. Designer: ARA Design.

#### Bathroom MIRRORS

Features: Shaving mirror, BW/110/LED, is fully adjustable with an integral LED light source. BW/116/LED has an integral shaver socket and demister pad as standard (other mirrors can have the demister pad option). IP ratings and zone positions are shown. Please refer to the diagram on page 161.

#### Materials:

Steel or aluminium with glass.

Polished Chrome for BW/110/LED, White painted backbox for BW/116/LED and Brushed Gold (BRG) or Satin Black (BL) for BW/220 and BW/230. Special finishes available for minimum order quantities of 50 pieces.

#### Bathroom DELUXE

Features: For all models except LN/34/WW/C, the G9 LED light source is housed within a waterproof frosted glass diffusing capsule. Where wipeable fabric shades are shown, prices and dimensions include those shades. LN/34/WW/C has a faux stone backplate detail. IP ratings and zone positions are shown. Please refer to the diagram on page 161.

Materials: Steel or brass with glass diffusers or

fabric shades.

Finishes:
Polished Nickel except
LN/34/WW/C which
is Polished Chrome.

















#### BATHROOM

Features: Elegant bathroom lighting for contemporary interiors. For BW/21/\*, the LED light spreads evenly throughout the Opal diffuser and reflects off the curved backplate. For BW/82/\*, LED light evenly fills the full lengths of the frosted solid acrylic rods. IP ratings and zone positions are shown. Please refer to the diagram on page 161.

#### Materials: Steel with acrylic

diffusers.

Polished Chrome (C) or Brushed Brass (BRB). Also Black Bronze (BB) for BW/21/\* or Satin Black (BL) for BW/82/\*. Diffuser for BW/21/\* is Opal and for BW/82/\* is Clear frosted.

Features: GM/66/WI/\* features domed end caps with detailed knurling around the light source. BW/73/\* features hexagonal shaped columns with faux alabaster acrylic panels. Both designs are also suitable for bedside, corridors and public spaces. IP ratings and zone positions are shown. Please refer to the diagram on page 161.

#### Materials: Steel with glass for GM/66/\* and steel with

acrylic for BW/73/\*.

Polished Chrome (C), Brushed Brass (BRB) or Satin Black (BL) with matt Opal glass diffuser for GM/66/\* and faux alabaster acrylic diffuser for BW/73/\*.



















GM/66/W1/BRB







#### BATHROOM

Features: Nimbus models, NM/6/\*, feature shallow framed backboxes and light emitted through faux alabaster acrylic diffusers. DT/14/W2/C, features two matt Opal globes within a Clear glass cylinder. DU/6/W2/C, features matt Opal globes with a central joining Chrome detail. For PJ/9/W1/IP44, price and dimensions include wipeable fabric shade.

#### Materials:

Steel or aluminium with glass or acrylic.

NM/6/600x150/C

Polished Chrome (C) with faux alabaster acrylic for NM/6/\* models and Clear and matt Opal glass for DT/14/W2/C and DU/6/W2/C. BW/112/LED is Chrome with Opal diffuser.













# TABLE & FLOOR

178 Glass Art Smoke

179 Stockholm

180 Stockholm

Glass Sculpture

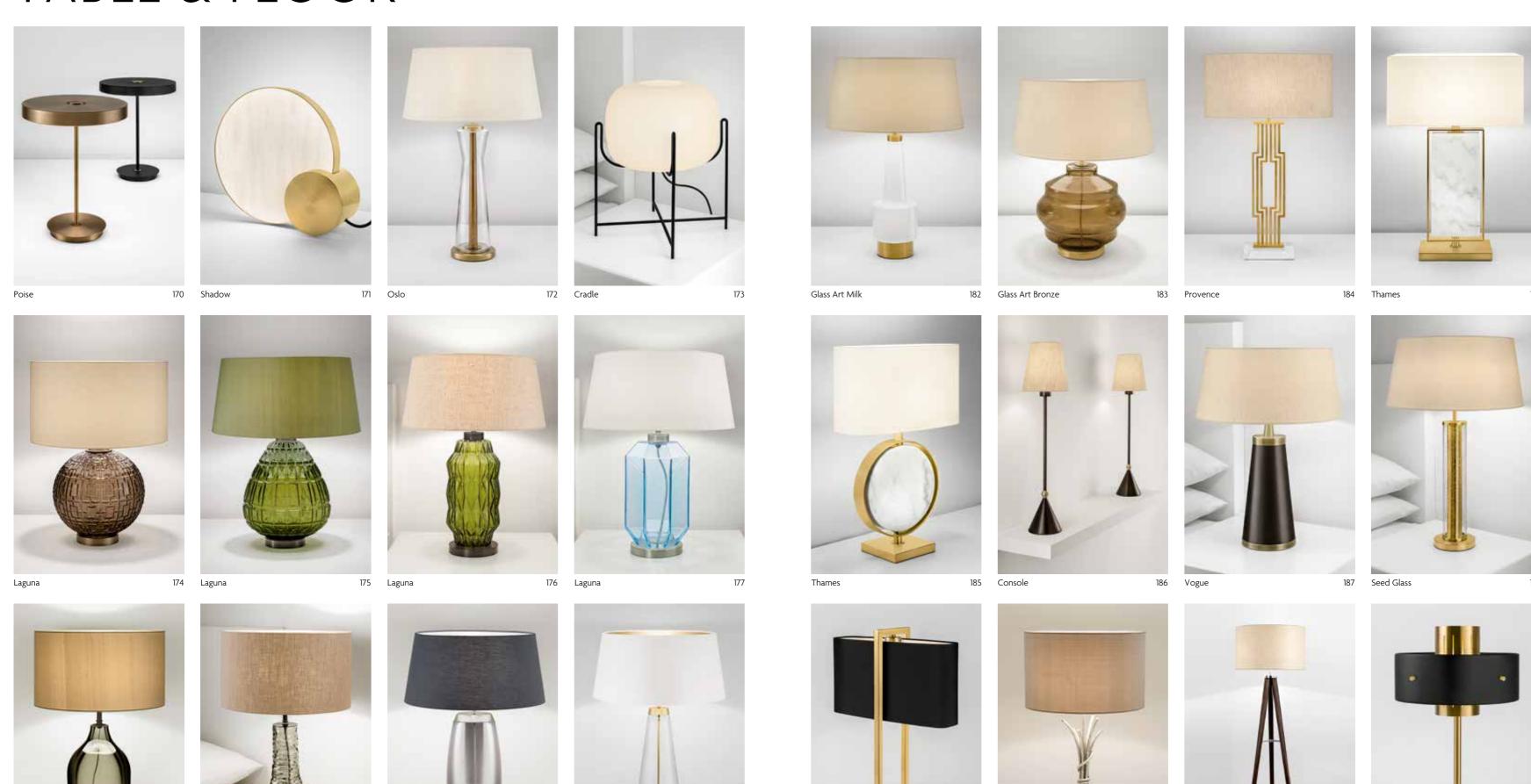


TABLE & FLOOR | 1

189 Silver Sculpture

190 Floor

191 Table Lamps

## POISE

**Features:** Shallow top canopies with detailed top washers conceal warm white LED light shining down through an Opal acrylic diffuser.

Materials:

Steel and acrylic diffuser.

Finishes:

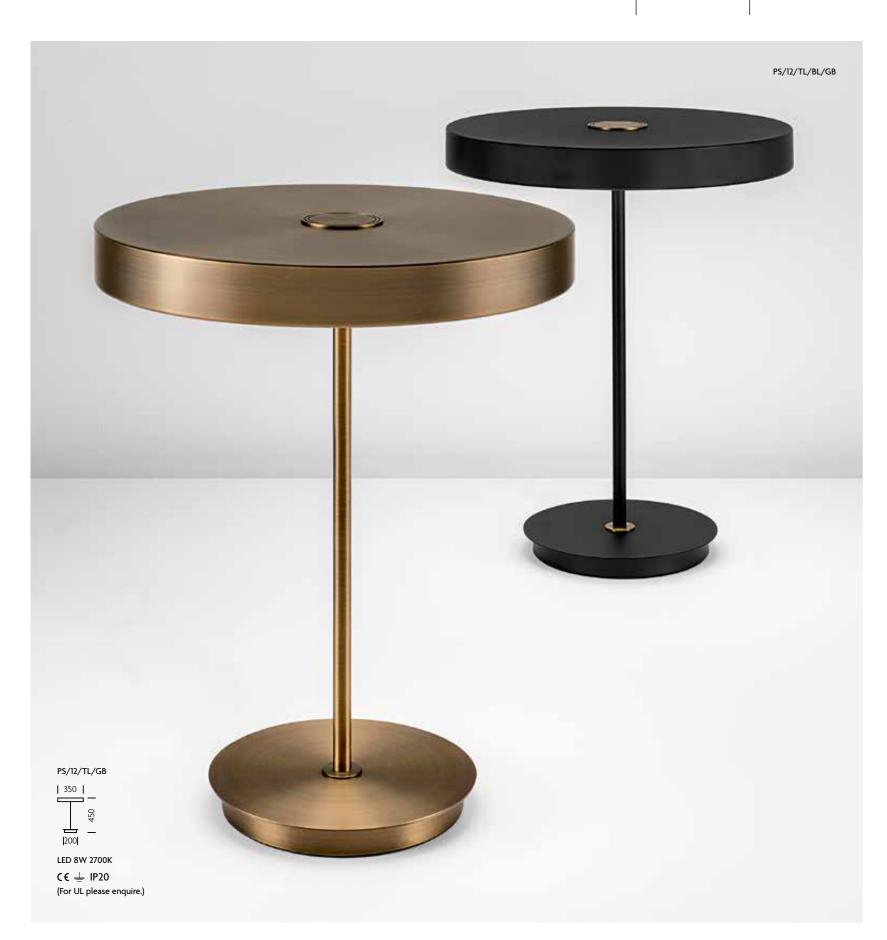
Golden Bronze (GB) or Satin Black with Golden Bronze (BL/GB).

# SHADOW

**Features**: A Brushed Brass outer frame holds faux alabaster panels on both sides emitting a warm ambient light forwards and backwards. The frame slots within a heavy Brushed Brass cylindrical section and the table lamp stands on three clear rubber feet. Table lamp has an inline dimmer switch and the wall light can be mounted with different orientations.

Materials: Steel and acrylic.

Finish:
Brushed Brass
with faux
alabaster.





-

Table & floor | 171

#### OSLO

**Features**: Mouthblown glass is matched with English Brass caps and bases. Tapered perforated brass columns feature inside the glass.

Materials: Glass and steel. Finish: Clear glass with English Brass. CRADLE

**Features**: Fine tubular metal frames create a 'cradle' to hold mouthblown matt Opal glasses which give a soft glow of light. Legs have black rubber feet. **DIMENSIONS AND PRICES INCLUDE GLASS**.

Materials: Steel and glass. Finishes:
Satin Black (BL) or
Golden Bronze (GB)
with matt Opal glass.





Copyright 2020 C

## LAGUNA

Features: Rediscovered artisan glass moulds which had lain unused since the 1960s create stunning geometric patterned mouthblown glass table lamps.

#### Materials:

Glass with steel.

Olive glass with Black Bronze metalwork and Gold silk-covered cable, Mocca glass with Golden Bronze metalwork and Gold silk-covered cable or Aqua glass with Brushed Nickel metalwork and Silver silk-covered cable.





## LAGUNA

Features: Rediscovered artisan glass moulds which had lain unused since the 1960s create stunning geometric patterned mouthblown glass table lamps.

Materials:

Glass with steel.

Olive glass with Black Bronze metalwork and Gold silk-covered cable, Mocca glass with Golden Bronze metalwork and Gold silk-covered cable or Aqua glass with Brushed Nickel metalwork and Silver silk-covered cable.





## GLASS SCULPTURE

Features: Heavy, solid Smoke glass centre with Clear glass outer is hand sculpted, making every piece unique with slight variations in shape and blend of colours. Silver silk covered cable runs externally.

Hand formed Veneto solid glass with dual colours and steel metalwork.

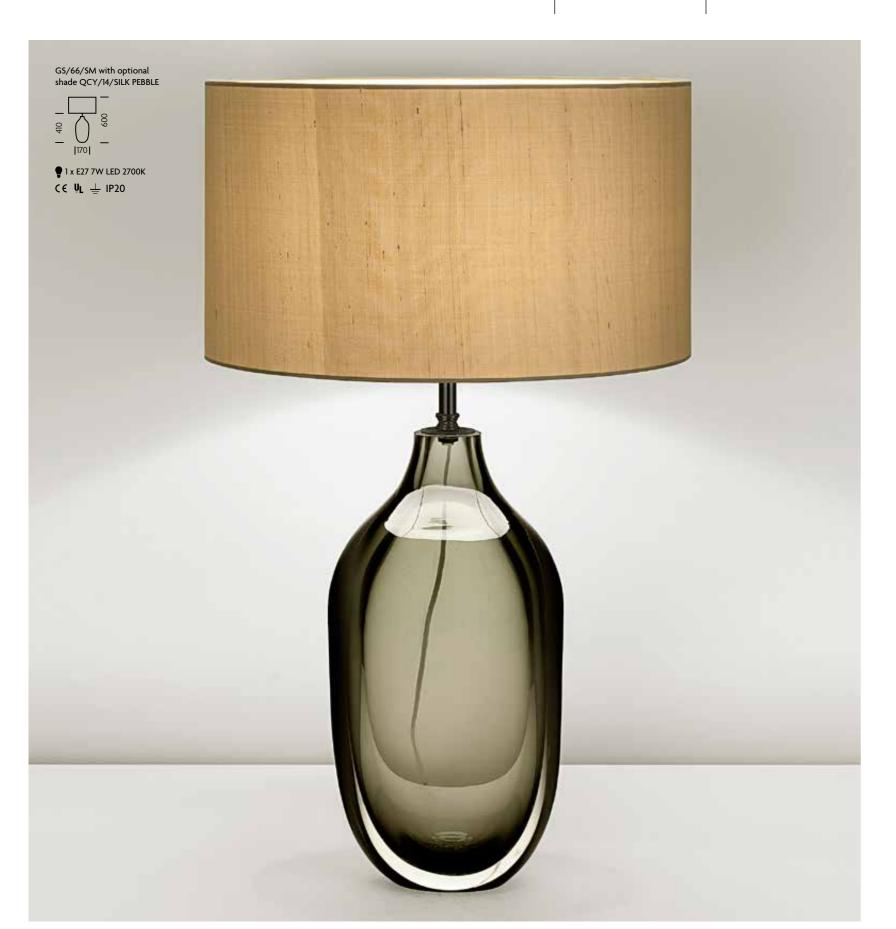
Smoke with Clear glass and Black Bronze metalwork. Also available with Chrome metalwork.

## GLASS ART Smoke

Features: Mouth blown heavy glasses have a random horizontal ribbing. Silk covered cable runs internally.

Materials: Mouth blown

Smoke glass with Veneto glass with Black Bronze steel metalwork. metalwork.





## STOCKHOLM

**Features:** Clean lines and seamless joints between glass and metalwork with internal silk-covered colour matched cables. SK/28/BN has heavy, horizontal ribbing in the metalwork.

Materials:

Steel and glass.

Finishes: English Brass (EBR) with Clear glass or Brushed Nickel (BN) with iridescent Smoke glass. Shades:

See back of catalogue for optional shades.





#### GLASS ART Milk

**Features:** Mouthblown sculptured glass is matched with Brushed Brass caps and bases. Special glass colours for minimum 200 pieces.

Materials: Glass and steel.

Finish:

Milk Opal glass with

Brushed Brass.

GLASS ART Bronze

**Features**: Mouthblown geometric Bronze glass is matched with subtle Brushed Brass metalwork. Gold silk-covered cable runs internally.

Materials: Steel and glass.

Bronze glass
with Brushed
Brass metalwork.





## **PROVENCE**

**Features:** Rectangular section tubes are formed into geometric patterns and are set onto heavy natural stone bases.

Materials: Steel and stone. Finish: with natural stone base.

Brushed Brass metalwork

Features: Solid blocks of polished natural stone are framed with Brushed Brass metalwork standing on heavy plinth bases.

**THAMES** 

Materials: Steel and natural stone.

Brushed Brass with polished Natural stone.

# PR/24/TL with optional shade QEL/18/HE 1 x E27 7W LED 2700K C€ VL ± IP20



## CONSOLE

**Features:** A tall slender lamp for use on narrow consoles, side tables or nightstands.

Materials: Steel and brass. Finish: Black Bronze with English Brass (BB/EBR).

See back of catalogue for optional shades.

**VOGUE** 

Features: Well proportioned conical table lamps using contrasting finish materials.

Materials:

Antique Brass with Black Bronze (AB/BB) or Antique Brass with faux leather (AB/LEATHER).

Steel with faux leather option.





## SEED GLASS

Features: Thick, Clear seed glass column is firmly held between silicone gaskets and metal turnings. This robust lamp features random bubbles in Clear glass which pick up the fall of light from the shade. Materials: Steel and glass.

Brushed Brass (BRB) with Clear seed glass.

#### CHECK IN

Features: A slim rounded corner rectangular shade is held within the rectangular metal framework of the double columns. See pages 84-86 for the full range.

Material: Steel.

Brushed Brass (BRB) with black underbase.

Shades are bespoke for the Check In range. Fabric shown is Black with Gold lining (BG) with other fabrics available. Shades have integral top diffusers.



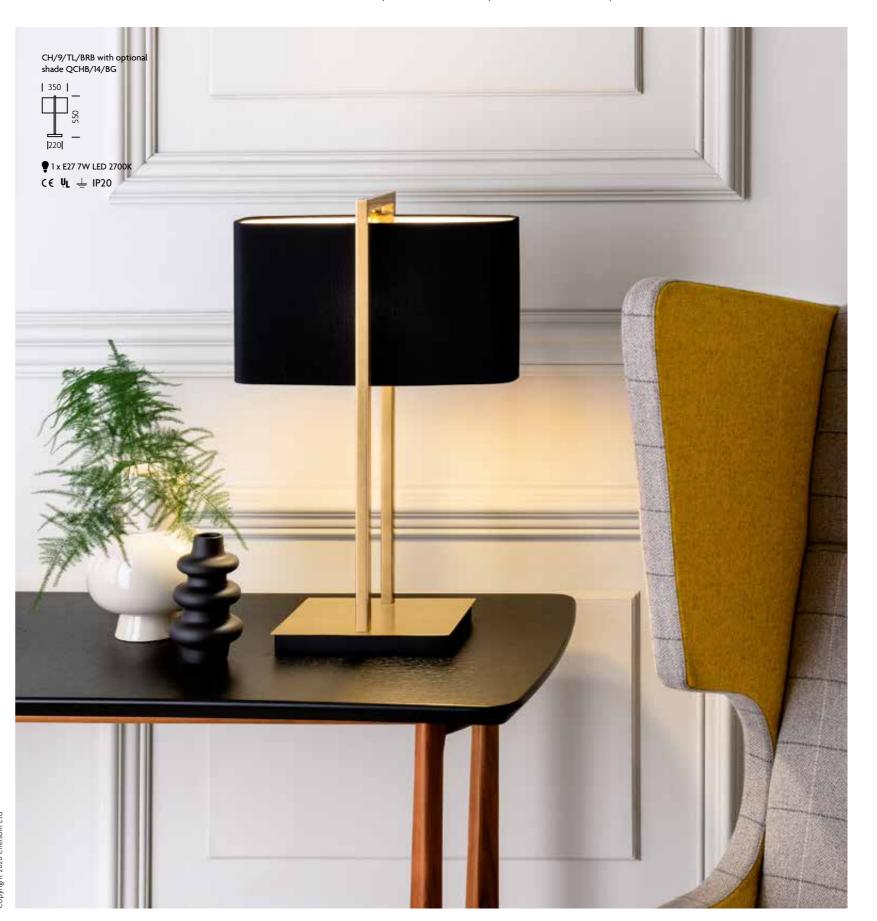


TABLE & FLOOR

## SILVER SCULPTURE

**Features:** Hand forged iron bars with a distressed organic feel are enhanced with hand applied Antique Silver Leaf. See pages 302-303 for matching chandeliers and wall lights.

Material: Hand forged iron.

Florentine Antique Silver Leaf. See back of catalogue for optional shades.

#### **FLOOR**

**Features:** FA/30 has cable running internally down one leg. FA/80 has a curved tripod base section supporting Polished Chrome decorative capping. Top of lamp also has decorative Chrome accents.

Materials: Wood and steel. Finishes:
Polished Chrome with
Wenge wood on FA/30
and Walnut wood on FA/80.







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TABLE

The table lamps here are from collections illustrated elsewhere in the catalogue and page cross references are shown.









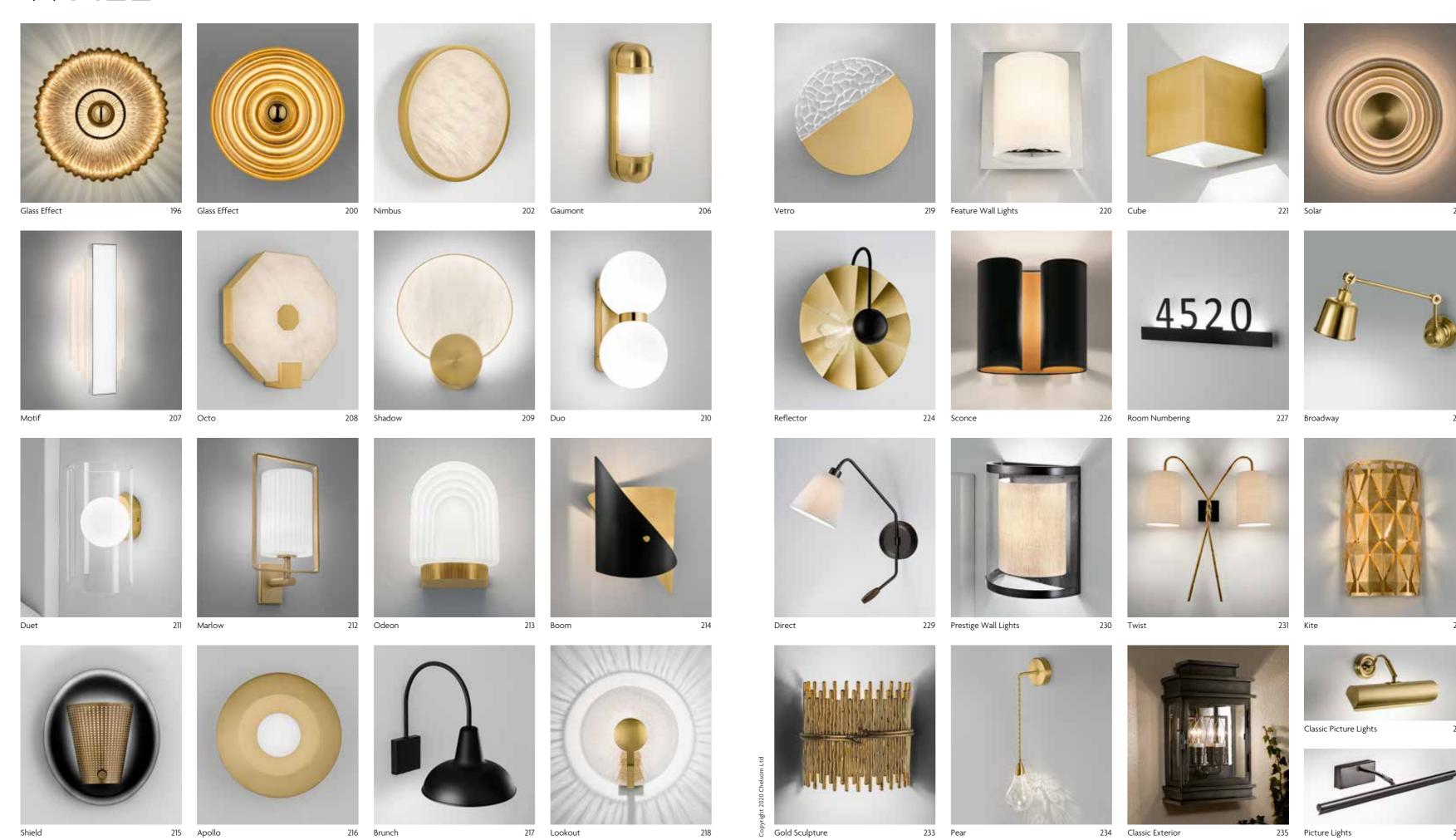






TABLE & FLOOR | 193

# WALL





## GLASS EFFECT

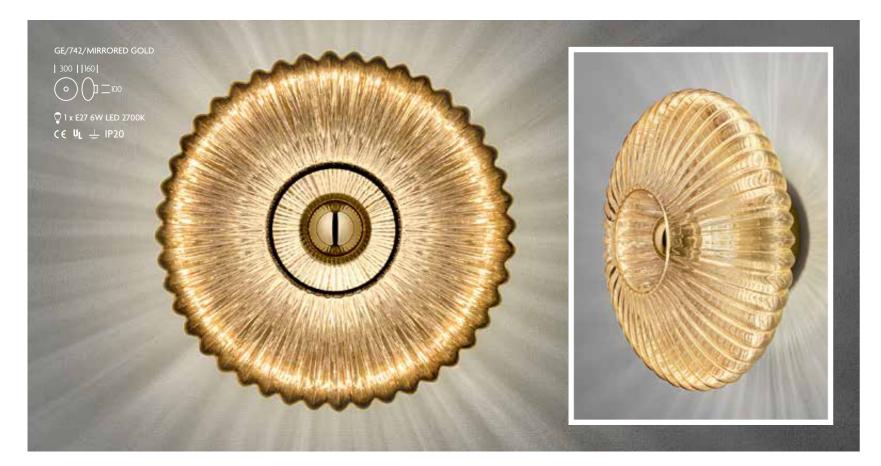
Features: Deeply ribbed elliptical shaped mouthblown Veneto glass gives a dramatic light effect.

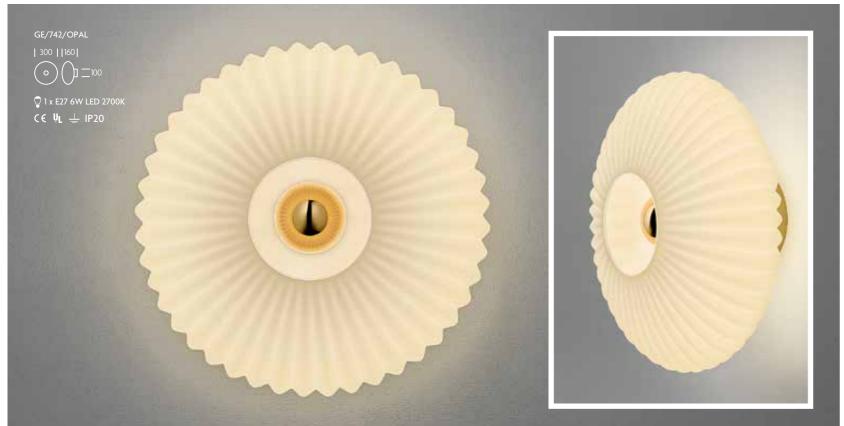
The gold topped reflector lamps avoid glare and produce striking patterns of light onto walls.

THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Materials: Steel and glass.

Finishes:
Brushed Brass metalwork
with Mirrored Gold,
Smoke or matt Opal glass.



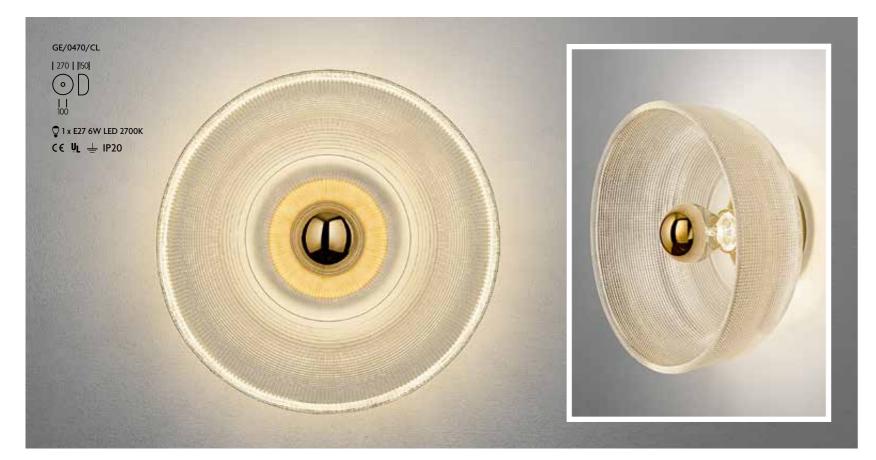




## GLASS EFFECT

Features: GS/0470/CL has deep cross-hatched detailing which breaks up the light source to give an ambient glow. GS/1280/GL and GS/20203/GL have Veneto Gold Leaf hand-applied to the back of the glass. This gives a striking golden glow to the front and a crackle pattern at the back where light seeps between individual gold leaf sheets. GS/20203/GL has deep steps in the design creating a concentric ring pattern onto the gold-topped reflector lamp. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Materials: Steel and Finishes:
Brushed Brass
metalwork with
Clear (CL) or Gold
Leaf (GL) glass.









## NIMBUS

**Features:** Shallow backplates and slender light boxes give a perfectly even spread of warm diffused dimmable LED light through faux alabaster acrylic panels. Different shapes and sizes give great versatility and the square and round options are also ideal for ceiling mounting. NM/6/300x100/LED/BRG has an additional LED reading light for bedside use.

Materials: Steel, aluminium and acrylic. Finish:
Brushed Gold (BRG)
metalwork with faux
alabaster acrylic.













## GAUMONT

Features: A compact bedside wall light featuring domed end caps with knurled detailing and a matt Opal glass diffuser giving a soft ambient light. The model is also suitable for corridors and bathrooms. Materials: Steel and glass. Finishes:

Brushed Brass (BRB), Satin Black (BL) or Polished Chrome (C).

## **MOTIF**

**Features:** Classic Art Deco styling is featured in frosted acrylic geometric side panelling emitting light forwards and back onto the wall.

Materials: Steel and acrylic.

Finishes: Polished Chrome (C) or Brushed Brass (BRB).







#### OCTO

**Features:** A classic octagonal shaped frame encloses a faux alabaster acrylic light panel and octagonal central washer. The octagon sits on a robust square arm.

Materials: Steel and acrylic.

Finish:

Brushed Brass with
faux alabaster acrylic.

SHADOW

**Features**: A Brushed Brass outer frame holds faux alabaster panels on both sides emitting a warm dimmable ambient light forwards and backwards. The frame slots within a heavy Brushed Brass cylindrical section.

The wall light can be mounted vertically or at an angle and the table lamp has an inline dimmer switch.

Materials: Steel and acrylic.

Brushed Brass with faux alabaster acrylic.





#### DUO

Features: A neat two light wall light featuring matt Opal globes mounted onto a rounded rectangular backplate. The globes have a decorative joining collar. The design is for bedroom or corridor and being IP44 rated is also ideal for bathrooms. Materials:

Steel and glass.

Brushed Brass (BRB) or Polished Chrome (C) with matt Opal glasses. **DUET** 

Features: Matt Opal globes emit soft diffused light inside sparkling Clear glass cylinders. Wall lights are ideal for guestroom or public areas and the globes are threaded for a durable fixing. The glass cylinders sit in concave-shaped backboxes.

Materials: Steel and glass.

Brushed Brass (BRB) with matt Opal and Clear glass.





## MARLOW

Features: A heavy and deeply ribbed matt Opal cylinder shade sits within a contrasting Golden Bronze frame mounted onto a stepped rectangular backplate. Dimensions and prices include glass shade.

Materials: Steel and glass.

matt Opal glass.

Golden Bronze with

#### **ODEON**

Features: Art Deco style mouthblown glass sits in ribbed Brushed Brass detailing. Dimensions and price include glass shade.

Materials: Steel and glass.

Brushed Brass (BRB) metalwork with matt Opal glass.





#### BOOM

Features: Two gently curving triangular Satin Black panels enclose the light source which gives a warm ambient glow from the Brushed Brass interior.

THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Material: Steel.

Finish:
Satin Black with
Brushed Brass.

SHIELD

**Features:** The perforated metal tapered half shade on the wall light emits a warm glow and throws light onto the oval backplate creating a halo effect around its concave curved perimeter. The chandelier has full conical shades giving the same glow. All shades have Opal acrylic liners to diffuse the light softly. 2500K filament lamp recommended.

Material: Steel. Finish:
Golden Bronze
with Satin Black.





-

## APOLLO

Features: Matt Opal glass globes are centred within shallow cones which reflect the warm glow of light. Pendant is suspended with black silk covered cable.

Materials: Steel and glass.

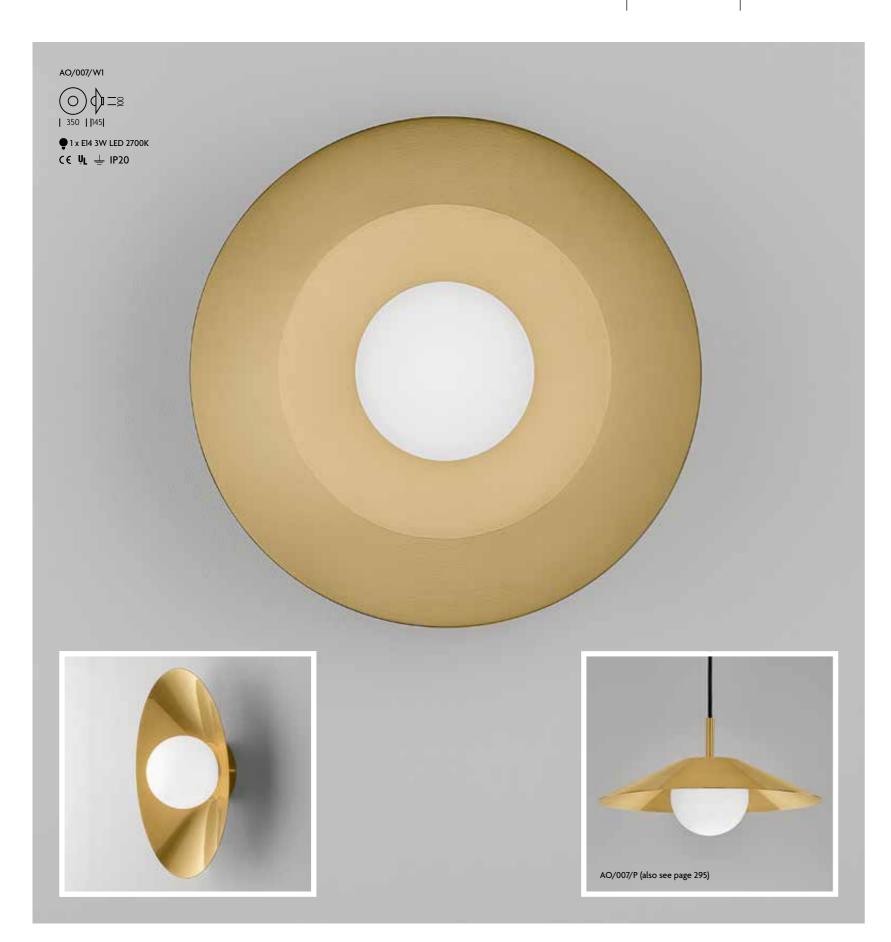
Brushed Brass with matt Opal glass.

#### BRUNCH

Features: Hand spun metal shades have detailed rolled edges and good light output from White interiors. Pendants are suspended with black silk-covered cable.

Material: Steel.

Finishes: Brushed Brass with Satin Black accents (BRB) or Satin Black (BL).





W A L L | 217

## LOOKOUT

Features: Highly decorative wall light whose curved metal arm holds a domed Clear Crackle glass producing a patterned light spill onto the wall.

THE PRODUCT IS PRICED WITH AND COMES COMPLETE WITH LAMP AS SHOWN.

Materials: Steel and glass.

Finish:

Brushed Brass with

Clear Crackle glass.

**VETRO** 

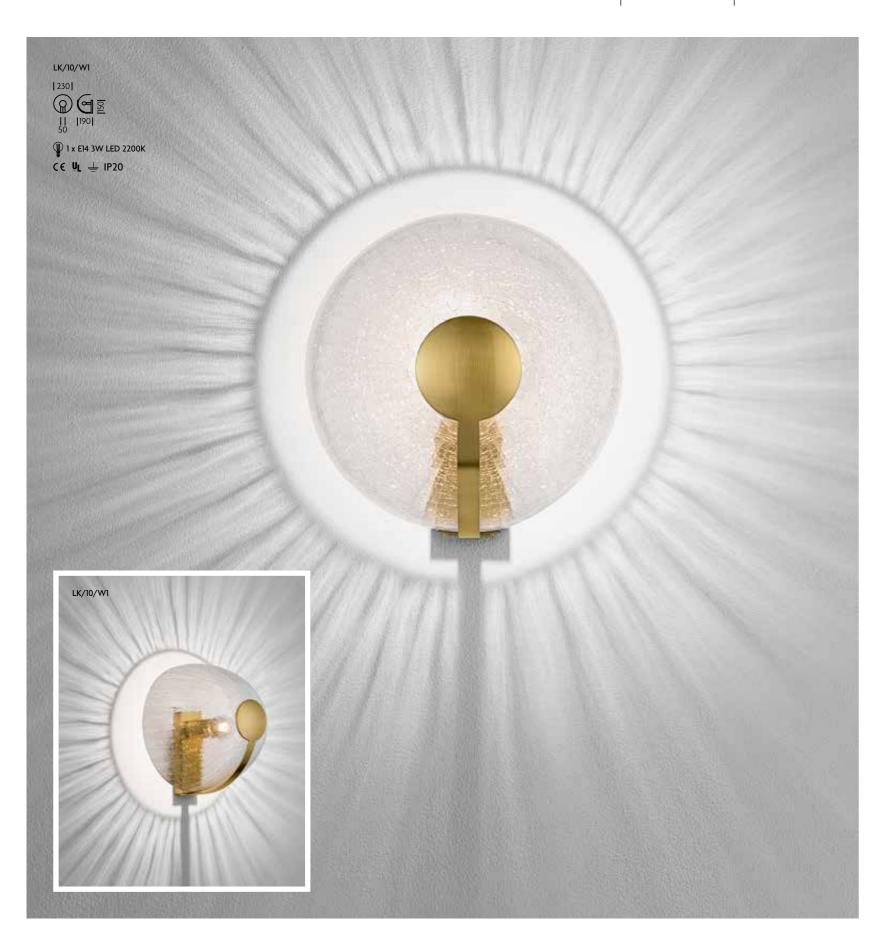
**Features**: Slim Brushed Brass discs conceal dimmable warm LED light which projects into the thick sculptured glass dramatically illuminating the moulded pattern and the outer perimeter. VE/2/3P is supplied with fixed suspension rods and VE/2/P hangs on a clear cable.

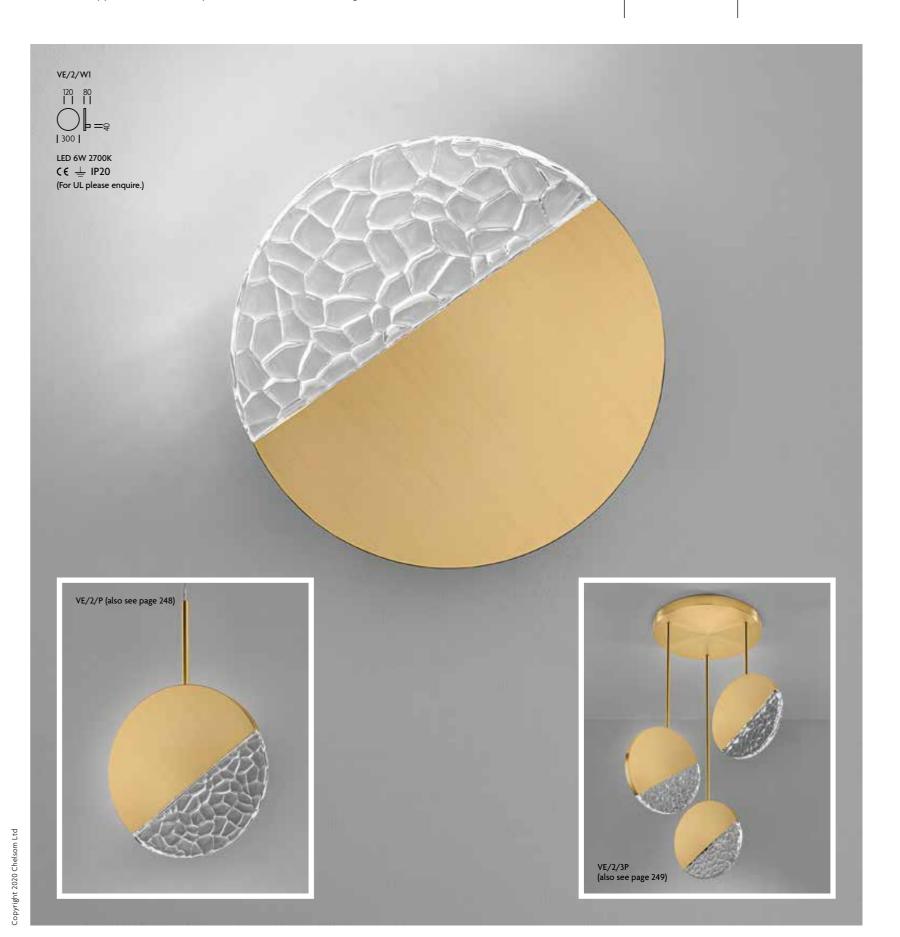
Materials: Steel and glass.

Finish:

Brushed Brass with

Clear sculptured glass.





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# FEATURE WALL LIGHTS

Features: Wall lights suitable for bedside or corridor use. PB/50/BN gives up and down light and PB/70/W1/BN emits a soft light through the frosted polycarbonate diffuser.

PB/70/W1/BN

1 x E27 7W LED 2700K

(€ UL \( \price \) IP20

Steel with frosted polycarbonate on PB/70/W1/BN.

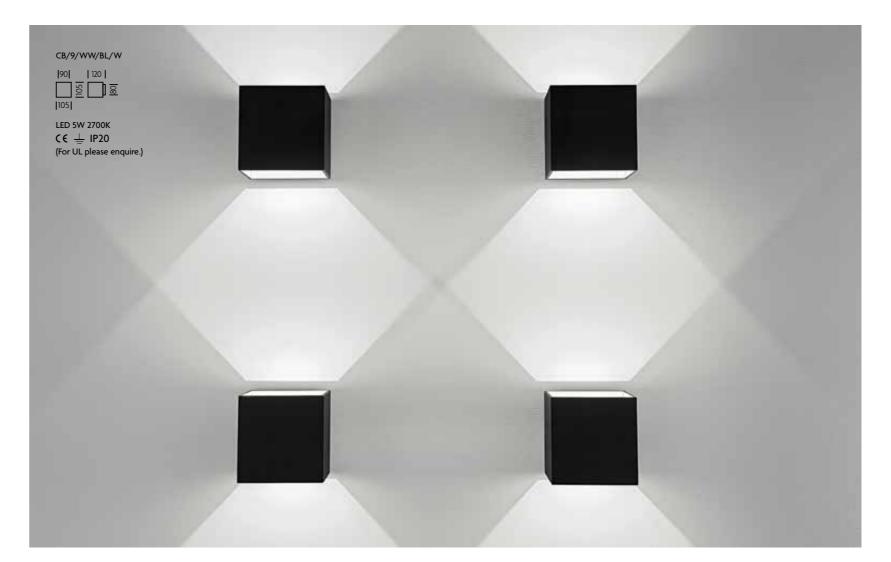
Brushed Nickel (BN).

**CUBE** 

Features: A simple but effective public area wall light giving a defined up and down light pattern onto walls. The products can be used individually or grouped to make a dramatic decorative light effect. Drivers are integral. Materials: Aluminium and steel.

Brushed Gold with White interior (BRG/W), Black with White Interior (BL/W), or Soft White with White interior (SW/W).





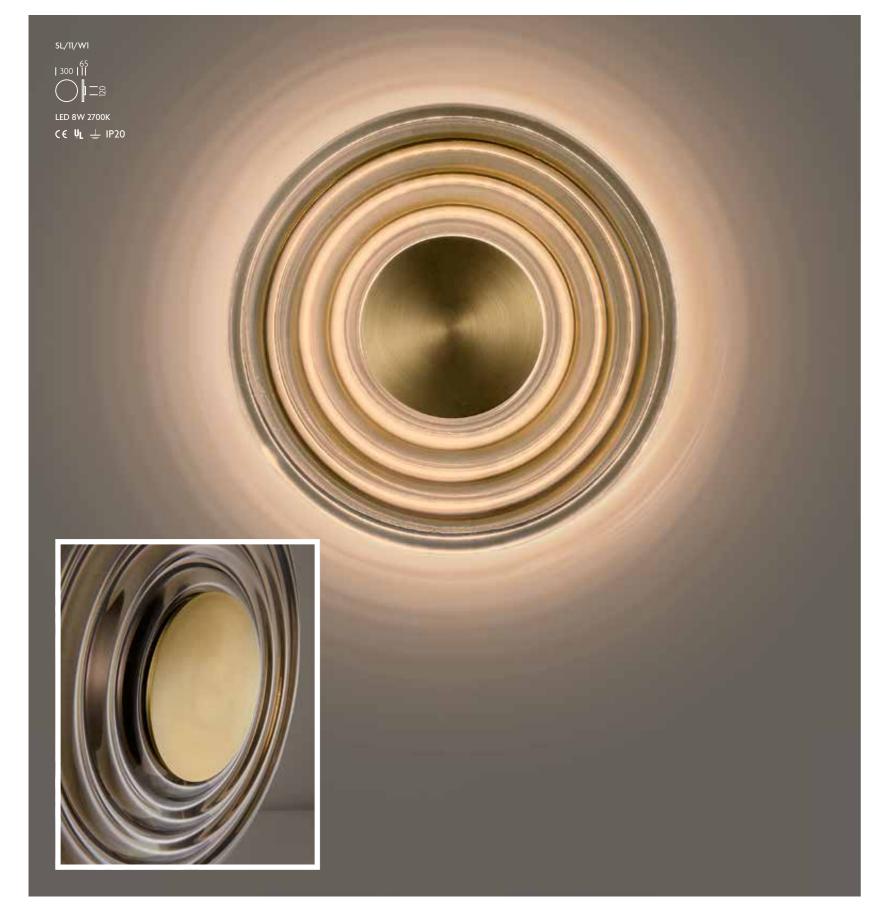




# SOLAR

**Features:** Heavy circular glasses have deep concentric rebates creating a light effect of ripples on a pond. Wall lights also give a decorative spill of light onto walls.

Materials: Steel and glass. Finish: Metalwork is finished in Satin Black with English Brass accents. Glass is Smoke.





## REFLECTOR

**Features:** Warm white LED light in the central housing glows back off the faceted reflector plate. The wall light is available in two sizes and can also be used as a flush mounted ceiling fitting. Grouped together, wall lights can make a strong decorative statement.

Material: Steel.

Finish:
Brushed Brass with
Satin Black (BRB).





#### SCONCE

Features: Shade shape creates striking light effect up and down plus reflected light. Shades shown are Black chintz with Brushed Copper lining (BL/COP) or Natural (NAT). Other shade fabrics to special order. Materials:

Steel metalwork with various fabric Satin Black (BL) metalwork.

#### ROOM NUMBERING

Features: Chelsom are experienced in creating room numbering wall lights for hotel and marine projects. Illustrated are three standard products which can be manufactured to suit customers' quantity and numbering requirements. All prices will be quoted on a project by project basis.

Steel and acrylic.

Brushed Brass with faux alabaster for HD/25/W1/RN, Black Bronze with Antique Brass for RN/01, and Satin Black for RN/03.









#### BROADWAY

Features: Arm rotates left/right and is adjustable for height and reach with two decorative locking key swivel joints. The light source is housed in a ventilated metal shade. There is an integral knurled rotary dimmer switch in the centre of the backplate. Material: Steel.

Black Bronze (BB), Brushed Brass (BRB), or Polished Chrome (C).

#### DIRECT

Features: Decorative wooden handle allows rotational movement left and right and there is also a swivel joint above the shade. Shade options include colour matched ventilated metal or fabric – Natural shown here with other options at back of catalogue. Suitable for bedside or desk use.

Materials: Steel and wood.

Black Bronze (BB) with walnut wood.









## PRESTIGE WALL LIGHTS

Features: MD/\* models have substantial square section arms and feature outer rectangular or square shades which are Smoke transparent (SM) or Black Chintz with Champagne Gold liner (BG). Inner cylinder shades are Natural Parchment (NP). WT/\* wall light has a knurled detail on the column. SG/\* model features thick Clear seed glass with internal Hemp (HE). Other shade fabrics available.

#### 1aterials:

Steel with glass for SG/25/W1/BB.

#### Finishes:

Black Bronze with English Brass (BB/EBR) for MD/\* and WT/\* models, Black Bronze (BB) and Clear seed glass for SG/\* model.

#### **TWIST**

**Features:** Hand wrought iron tubing with a distressed patina is formed into a twisted shape and the two arms support offset fabric shades. Shades are bespoke for this product. Other fabrics available.

Materials: Wrought iron and steel.

Florentine Antique Gold Leaf (GO).











#### **KITE**

Features: A highly decorative artisan wall light with Florentine Antique Gold 'kites' forming a curved diffuser. The warm glow is reflected onto surrounding surfaces. THIS MODEL IS PRICED WITH AND COMES COMPLETE WITH LAMP AS SHOWN. Material: Steel.

Finish: Florentine Antique Gold.

#### GOLD SCULPTURE

Features: Handmade forged iron sculptural wall lights with an ambient gold leaf finish giving decorative up and down light. See page 304 for matching pendants.

Material: Hand forged iron.

Florentine Antique Gold Leaf.







#### PEAR

Features: A tiny point of LED light projects a sparkling glow into sculptured crackle glass pears which then reflect delicate patterns onto the wall. See page 253 for matching pendants.

Materials: Steel and glass.

Brushed Brass with Clear crackle glass.

#### CLASSIC Exterior

Features: A classical exterior wall light with a nickel plated internal reflector plate. Front is hinged for maintenance. Clear LED candle lamps recommended. Material: Solid cast brass. Finish: Bronze.







#### CLASSIC PICTURE LIGHTS

**Features:** Detailed backplates and swan neck arms with swivel joints support tubular canopies with anti-glare baffles on the front.

Material: Steel. Finishes: English Brass (EBR) or Black Bronze (BB).

#### PICTURE LIGHTS

**Features:** Adjustable slim head with front baffle to prevent glare. Warm white integral LED with frosted diffuser for good light output. Dimming options available for minimum order quantities.

Material: Steel with acrylic diffuser.

Black Bronze (BB) or Polished Chrome (C).









The Wall Lights here are from Collections illustrated elsewhere in the catalogue and page cross references are shown.

























The Wall Lights here are from Collections illustrated elsewhere in the catalogue and page cross references are shown.

























# **CEILING**











The Chelsom Value Award is given to ranges which represent exceptional value alongside high design and quality standards.





















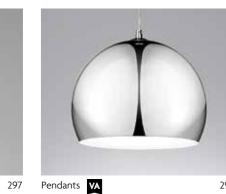










































#### **ETERNITY**

**Features:** Shallow double rings of high quality Clear crystal prisms refract the concealed LED uplighting to give a nicely muted sparkle. Substantial metal frames which pin the crystal top and bottom ensure the individual crystals are securely fixed and always orientate correctly. Flush fitting has three fixings and comes with a remote driver. The pendant has an integral driver in the ceiling plate and the individual tiers can be adjusted during installation to suit clients' wishes.

Materials: Steel with crystal. Finish:
Brushed
Brass with
Clear crystal.





#### **GLACIER**

**Features**: A most dramatic light effect is achieved when fine points of warm LED light shine through the individual random crystal shards and refract off the bevelled edges. The smaller pendant has a fixed rod suspension and the larger hangs from four strainer wires which may be adjusted for height during installation. The substantial wall light sits on a rectangular backbox.

Materials: Steel and crystal. Finish:
Golden Bronze
with Clear crystal.





#### **VETRO**

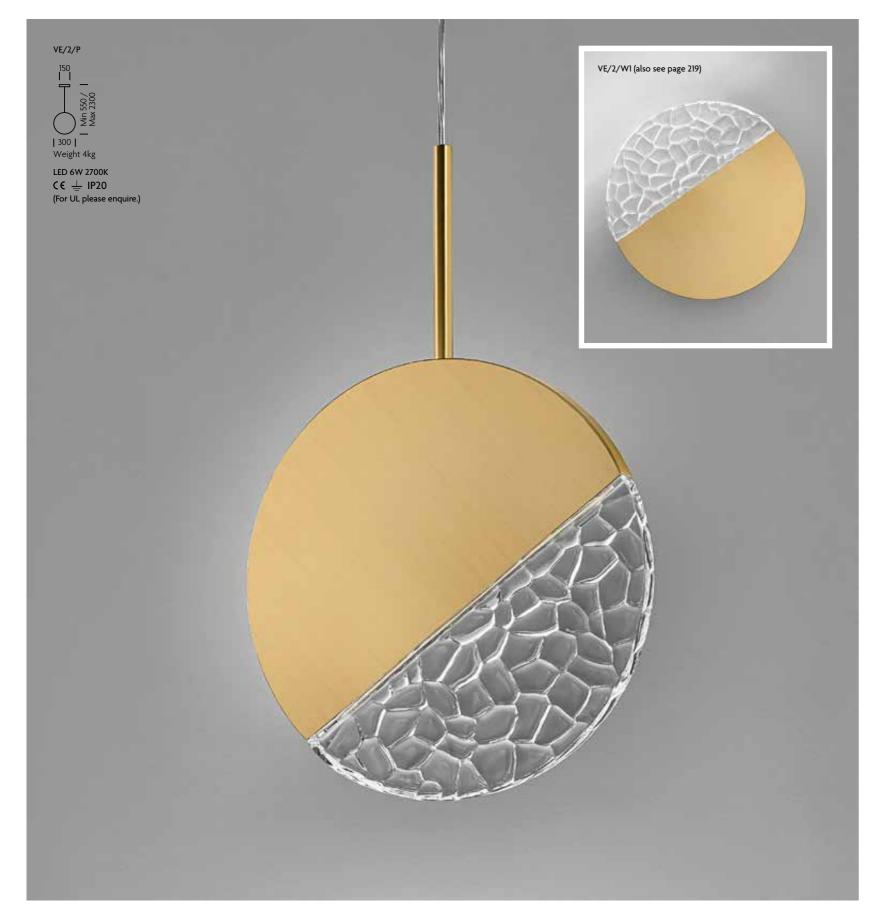
**Features:** Slim Brushed Brass discs conceal dimmable warm LED light which projects into the thick sculptured glass dramatically illuminating the moulded pattern and the outer perimeter. VE/2/3P is supplied with fixed suspension rods plus three connectable 500mm rods to allow a variety of lengths and VE/2/P hangs on a clear cable.

Materials: Steel and glass.

Finish:

Brushed Brass with

Clear sculptured glass.





## **ICICLE**

**Features:** Dimmable integral LED light sources in the base of the glass icicles throw light upwards giving a warm ambient glow whilst reflecting off the tiny silver leaf flecks within the handmade glass (single pendant non-dimmable). Alternate arms curve upwards or downwards. IC/24/P gives a warm downlight glow. Note: Glass icicles are handmade and may have slight variations. See additional chandelier on page 252.

Materials: Steel and glass. Finish: English Brass with silver-flecked Clear glass.





#### **ICICLE**

**Features**: Dimmable integral LED light sources in the base of the glass icicles throw light upwards giving a warm ambient glow whilst reflecting off the tiny silver leaf flecks within the handmade glass. Alternate arms curve upwards and downwards. Note: Glass icicles are handmade and may have slight variations. See additional models on pages 250-251.

Materials: Steel and glass. Finish:
English Brass with silver-flecked
Clear glass.

#### **PEAR**

**Features:** Tiny points of LED light project a sparkling glow into sculptured crackle glass pears. The single pendant, five light cluster and wall light are illustrated and large custom cascades or spirals are available to special order.

Materials: Glass and steel.

Finish:

Brushed Brass with

Clear crackle glass.





#### HALO

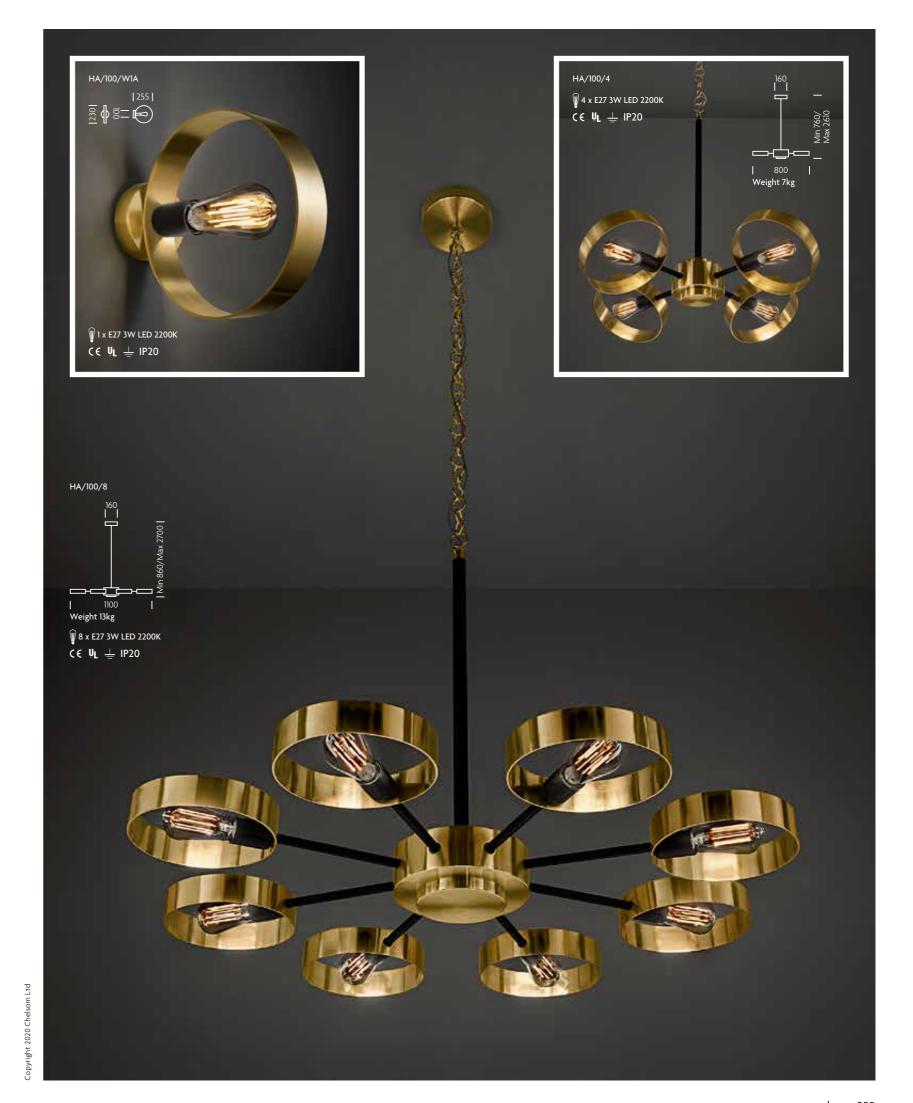
Features: Decorative LED filament lamps reflect a warm glow off the interiors of Brushed Brass rings. The rings on the four and eight light chandeliers can rotate at the end of the arms to give a random appearance. The ten light has rings suspended on black silk-covered cable to look similarly random. HA/100/W1A can be installed with the ring mounted vertically or horizontally. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Material: Steel. Finish: Brushed Brass with Satin Black.









#### REGENT

**Features:** Dimmable integral LED light sources shine light upwards into heavily Frosted glass candles which are seen through sparkling Clear glass outer chimneys (wall light non-dimmable). The glass chimneys sit in hexagonal cups and have delicate metal top caps.

Materials: Steel and glass.

English Brass (EBR) or Black Bronze (BB) with Clear and Frosted glass. **AURA** 

**Features**: A curved Brushed Brass ring conceals LED points of light which shine outwards illuminating individual faux rock crystals to give a highly ambient light effect. The ceiling fitting is suspended from fine strainer wires adjustable for height during installation and the wall light can be mounted horizontally or vertically.

Materials: Steel and resin. Finish:
Brushed Brass.









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# CONSTELLATION

**Features**: Ceiling fittings with an organic design giving a random pattern of arms and matt Opal globes.

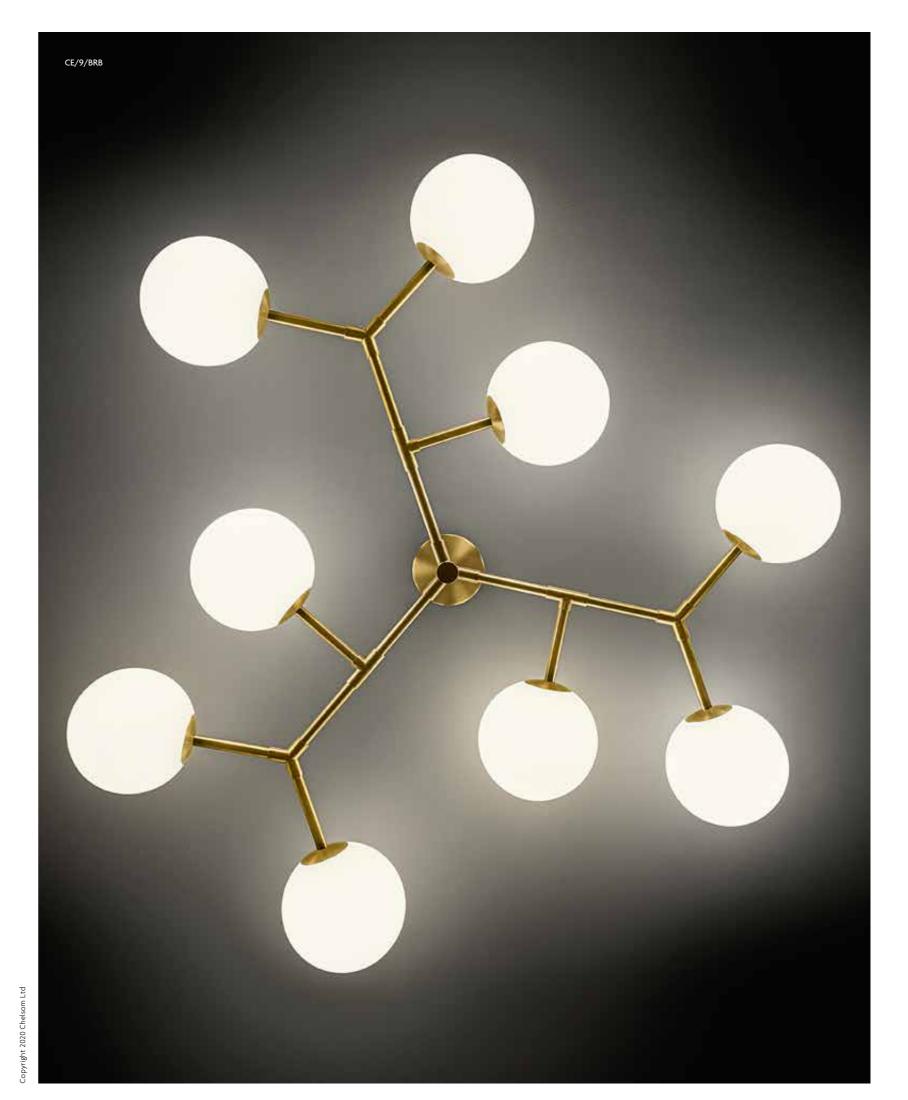
Glasses have threaded inserts to screw on for a durable fixing. Custom designs and sizes can be manufactured.

Materials: Steel and glass.

Finish:
Brushed Brass with matt Opal glass.







#### DIFFUSE

Features: Heavy moulded cross-hatched Clear glass diffuses the light into a warm ambient glow. Metalwork is soft Brushed Brass with Satin Black banding. See pages 60 and 61 for full collection. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Materials: Steel and glass.

Finish:
Brushed Brass with Satin
Black and Clear glass.

CAFÉ

**Features:** A decorative public area pendant with three drop rods supporting randomly positioned arms which can be adjusted with detailed locking keys. The globes are deeply ribbed to give a nice ambient glow.

Materials: Steel and glass. Finish:
Satin Black with
Brushed Brass and
matt Opal glass.









# HOLLYWOOD

**Features**: Deep circular brass frames have faux alabaster acrylic diffusers emitting an ambient downwards glow of warm LED light. Chandeliers have heavy suspension rods and detailed centre plates.

Materials: Steel with acrylic diffusers.

Finish:

Brushed Brass with faux alabaster.





#### RADAR

Features: Shallow perforated metal coolie shades are supported by detailed knurled lampholder covers and contain LED squirrel cage filament lamps. RA/5/W1 has a directional head. RA/4/W1 can be ceiling mounted. See page 68 for matching table lamp. THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Material: Steel.

Finish:

English Brass with Satin Black.

#### **SHIELD**

Features: The Shield chandelier has perforated metal conical shades giving a warm glow through Opal acrylic liners. The half shade on the wall light throws light onto the oval backplate creating a halo effect around its concave curved perimeter. 2500K filament lamps recommended.

Material: Steel.

Golden Bronze with Satin Black.











#### ORB

**Features**: Matt Opal globes have a screw connection into Brushed Brass bowls which are perforated with a houndstooth pattern allowing spills of light to shine through. These are supported by curved arms extending from substantial Brushed Brass rings. Chandeliers hang on three strainer wires adjustable for height during installation.

Materials: Steel and glass. Finish: Brushed Brass with Satin Black and matt Opal glass.









66

## **CRITERION**

**Features:** Dimmable integral LED light sources sparkle and refract through individual solid clear glass rods. Faux alabaster acrylic bottom diffusers give a soft downlight.

#### Materials:

Glass and steel with acrylic diffusers.

#### Finishes:

Polished Brass (PB) or Polished Chrome (C) with faux alabaster.







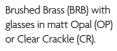




#### OXFORD

Features: Simple elegant sweeping arms with matt Opal or Clear Crackle glass globes are equally at  $home\ in\ a\ traditional\ or\ contemporary\ setting.\ Glasses\ have\ integral\ threaded\ metal\ fixings\ for\ secure$ attachment. Wall lights can be installed as up or down lights. WHEN SUPPLIED WITH CLEAR CRACKLE GLASSES, THE FITTINGS ARE PRICED WITH AND COME COMPLETE WITH LAMPS AS SHOWN.

Materials: Steel and glass.















#### ROYALE

**Features:** Extremely heavy rectangular brass section tubing is formed into a detailed cartwheel pattern which exudes quality. The subtle Brushed Brass adds warmth and various shade options are shown. Wall light backplates replicate the circular shapes.

Material: Steel. Finish: Brushed Brass.









#### BELVEDERE

Features: A collection of chandeliers and wall light which are transitional in design featuring reeded columns and knurled lampholder covers. A range of optional shade fabrics are shown and the three-armed chandelier, BV/6/3, has an optional single shade for guestroom, corridor or public space.

Material: Steel.

Golden Bronze with Satin Black.











#### WINDSOR

Features: Stylish sweeping arms come together in a stepped chunky centre body. Heavily ribbed Veneto mouth blown tulip glasses in matt Opal or Smoke finish are fixed with lampholder shade rings. WHEN SUPPLIED WITH SMOKE GLASSES, THE FITTINGS ARE PRICED WITH AND COME COMPLETE WITH LAMPS AS SHOWN.

Materials: Steel and glass. Finishes:

Brushed Brass with glass in Smoke (SM) or matt Opal (OP).





# ARCADE

**Features**: Dimmable integral LED light sources give ambient light through perforated metal frames with soft diffused downlight from Opal acrylic diffusers. Wall light has diffusers top and bottom.

Materials: Steel and acrylic. Finish:
Golden Bronze
metalwork with
matt Opal acrylic.







#### SNAP A

Features: Fabric shades 'snap on' to backplates or ceiling plates for ease of installation and maintenance.

Materials:

Steel frames with fabric diffusers.

Natural fabric with Oyster bottom diffusers on flush fittings.

# ATLANTA

Features: Semi-flush ceiling fittings have matt Opal acrylic diffusers and off white textured cotton fabric shades.

Materials: Steel, acrylic and

Brushed Brass (BRB) or Polished Chrome (C).











2 x E27 7W LED 2700K C€ UL ≟ IP20

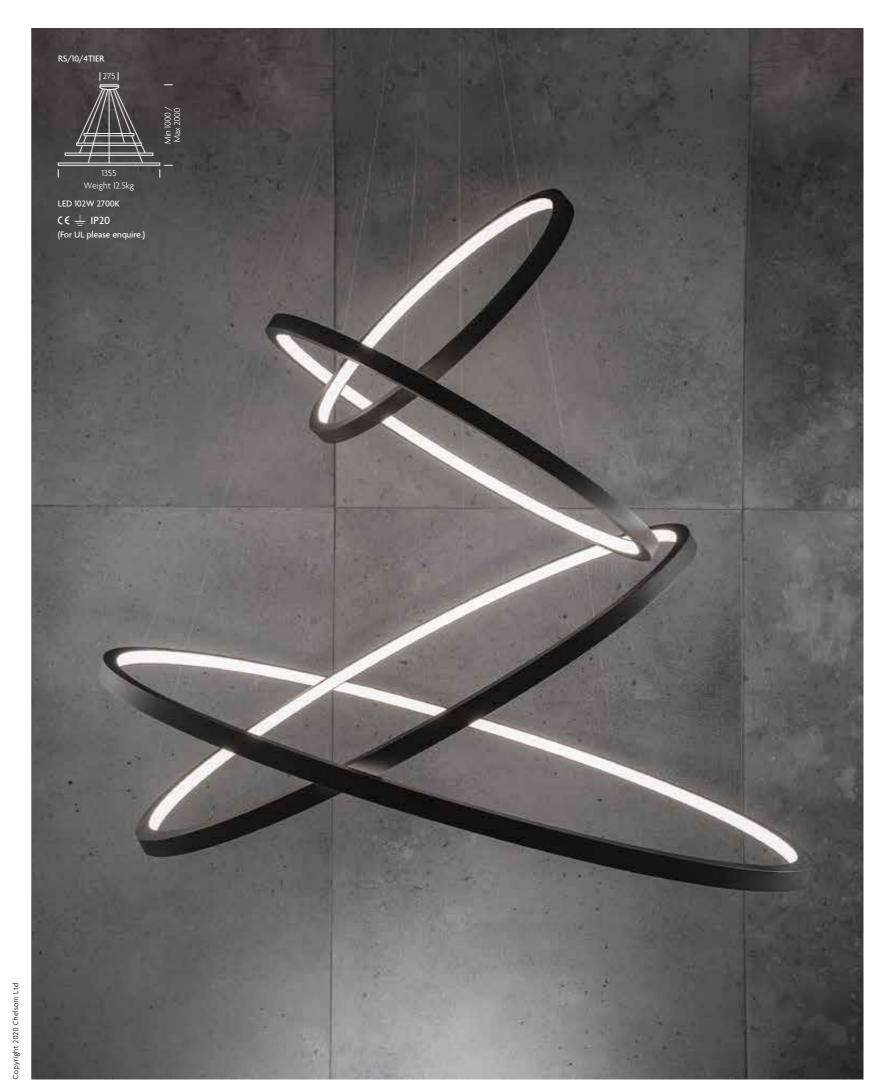
# RINGS

Features: Ultra thin metal rings emit warm LED light through interior Opal acrylic diffusers. Rings are suspended on adjustable strainer wires with control gear housed in ceiling plate. Options include a single tier as well as three tier and four tier pendants. Custom options are available at special request. Materials: Steel and acrylic diffusers.

Finish: Satin Black with Opal acrylic.







#### GALAXY

**Features:** Shallow flat rings support frosted acrylic diffusing cylinders giving warm LED light. Single tier and three tier versions are shown. Heights can be adjusted during installation through the suspension strainer wires and control gear is housed in the ceiling plates.

Materials: Steel and acrylic.

Penny Bronze with frosted acrylic.





## Custom RODS

Features: A lighting concept allowing clients to create their own custom designs in any finish and virtually any shape, size or number of tiers can be created. Rods are screwed into the metalwork. Each rod is illuminated from above with a warm white LED light source which sparkles at the bottom of the rod and through the bubbles inside where applicable. Individual rod pendants are also available as are fixed suspension versions. Various rod diameters and lengths are available.

Materials: acrylic.

Finishes: Metal – Off White and Brushed Nickel for single pendant.

## Custom FILAMENT

Features: These ambient and decorative LED 3W warm white dimmable filament lamps are the main feature of the Custom Filament range. A two tier pendant and installations are shown below. Steel frames can be virtually any finish and diameter with any other shapes and sizes to clients' specification. Please contact Chelsom with your ideas and concepts.

Material: Steel.

Finish: Penny Bronze













## AILSA

**Features:** Opal acrylic top diffusers prevent dust and insect ingress and lift out for cleaning and maintenance.

Materials:

Steel with cottonette fabric and acrylic diffusers.

Finish:

Penny Bronze with Oyster fabric diffusers.







## SPACE

**Features:** High light output from architectural fittings to illuminate public spaces.

Options available include special sizes, dimming, integral emergency lighting, mesh covers for open bowls to prevent dust and insect ingress and special metal colour finishes.

Materials: Steel frames with acrylic diffusers.

Finish: Steel Grey painted metalwork with Opal acrylic.







## Custom DIAMOND

Features: A strong geometric diamond frame suspends Black chintz cylinder shades with a Gold Herringbone pattern inside to give a warm and decorative ambient glow. Alternative finishes, larger sizes, different shapes and shade options available. Please contact Chelsom with your ideas and concepts.

Material: Steel.

Satin Black.

Finish:

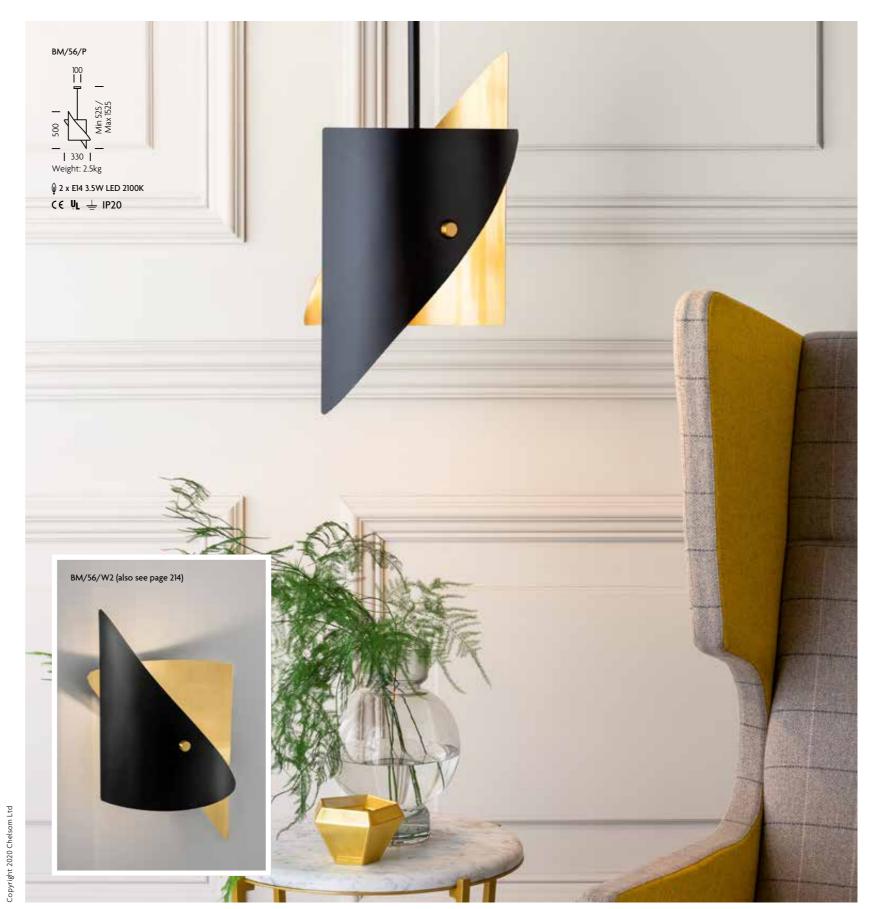
BOOM

Features: Two gently curving triangular Satin Black panels enclose the light source which gives a warm ambient glow from the Brushed Brass interior. The pendant is supplied with a fixed suspension rod which can divide into three connectable parts (250mm, 400mm and 600mm). THE RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Satin Black with Brushed Brass.







## BRUNCH

 $\textbf{Features:} \ \textbf{Hand spun metal shades have detailed rolled edges and good light output}$ from white interiors. Pendants are suspended with black silk-covered cable.

Material: Steel.

Finishes: Brushed Brass with Satin Black accents (BRB) or Satin Black (BL).

## **APOLLO**

Features: Matt Opal glass globes are centred within shallow cones which reflect the warm glow.

Materials: Steel and glass.

Brushed Brass with matt Opal glass.





## **CAPRI**

Features: Heavily ribbed matt Opal glass shades are secured onto knurled decorative double-stepped caps. Light sources are dimmable. CP/24/P has a fixed suspension rod which can divide into three connectable parts (250mm, 400mm or 600mm). See page 74 for matching table and wall lights.

Materials: Steel and glass.

matt Opal glass.

Brushed Brass (BRB) or Black Bronze (BB) with

## FEATURE PENDANTS

Features: Decorative ambient pendants featuring deeply ribbed matt Opal retro shapes or striking Snowflake glass globes.

Materials: Glass and steel.

Matt Opal glass with English Brass or Snowflake glass with Brushed Brass for TQ/\* models.















## PENDANTS 👼

**Features:** Supplied with Polished Chrome suspension units except for PE/60/BL/COP which is Brushed Nickel.

### Materials:

Duplex glass for DN/20 models, steel for DN/125/C and DN/35/BL, fabric for PE/60.

### Finishes

DN/20/W – Opal. DN/20/BL – Black/Opal.
DN/35/BL – Black/White. DN/125/C – Chrome
/White. PE/60/BL/COP – Black/Copper.

## **BUBBLES**

**Features:** Mouthblown heavy matt Opal glass gives a soft diffused light and is secured with Brushed Brass ceiling plates. The two sizes can be grouped together for a decorative effect as in the image below. Both sizes are also suitable for wall mounting.

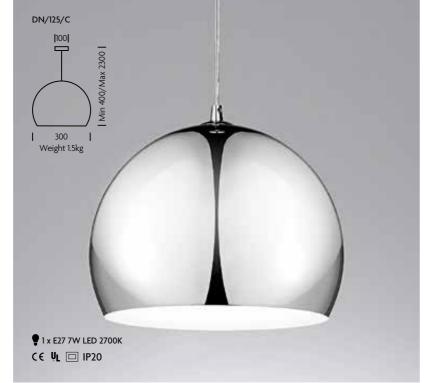
Materials: Steel and glass.

Matt Opal glass
with Brushed Brass.













## LAGUNA Pendants

**Features:** Rediscovered artisan glass moulds which had lain unused since the 1960s create stunning geometric patterned mouthblown glass pendants. Suspension units have knurled detailing. **PRODUCTS ARE PRICED WITH AND COME COMPLETE WITH LAMPS AS SHOWN.** 

Materials: Glass with steel.

### Finishes:

Olive glass with Black Bronze metalwork and Black silk-covered cable or Mocca glass with Golden Bronze metalwork and Black silk-covered cable.





## SILVER SCULPTURE

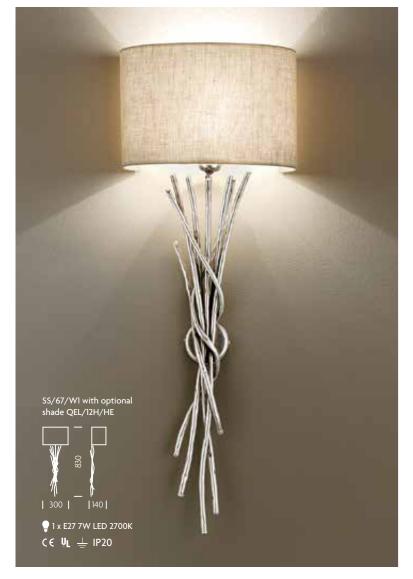
**Features:** Handmade lighting in forged iron with an organic feel.

Hand forged iron.

Florentine Antique Silver Leaf.

Shades:

Spring clip candle shades available – see back of catalogue.









## GOLD SCULPTURE

**Features:** Handmade forged iron sculptural lighting with an ambient gold leaf finish. Both pendants have Opal acrylic bottom diffusers and alternative shade fabrics are available for pendant, SS/21/GO.

Materials:

Hand forged iron with acrylic diffusers.

Florentine Antique
Gold Leaf.









O4 CEILING | 305

## PALM

**Features**: Hand-formed and decorated metal palm leaves allow light to emit through pierced slots as well as giving a warm glow of back light for a highly ambient collection.

Material: Steel.

Florentine Antique
Gold Leaf.









## **ARTICHOKE**

Features: Random curved metal leaves with internal gold leaf to reflect a warm glow.

Materials: Wrought iron

and steel.

Florentine Antique Gold Leaf.









Features: Handwoven raffia fabric shades which give an artisan feel with random patterns in the material itself. The raffia is on a frosted PVC backing allowing a diffused view of the globe lamps inside. The shades hang from distinctive twisted natural rope cable. THIS RANGE IS PRICED WITH AND COMES COMPLETE WITH LAMPS AS SHOWN.

Materials: Raffia on PVC. Finish: Raffia.





## WELCOME

**Features**: BR/5 is an extremely shallow pendant emitting good light through a fabric outer shade and a matt Opal acrylic diffuser underneath. WE/10 items have fabric shades enclosed by a cruciform top frame which drops down the outside of the shades. WE/10/700 has an internal bottom self-fabric diffuser. Other shade fabrics are available.

### Materials:

Steel, with acrylic for BR/5.

Satin Black with matt Opal for BR/5 and Penny Bronze for WE/10 models.











## MAYFAIR Lanterns

Features: Clear LED candle lamps recommended except where optional shades are fitted (MY/122/L/PN).

MY/122/S/AB

CE  $\psi_L \perp$  IP20

Materials:

Solid brass, clear glass (frosted glass on request). Polished Nickel (PN) or

subtle Antique Brass (AB).









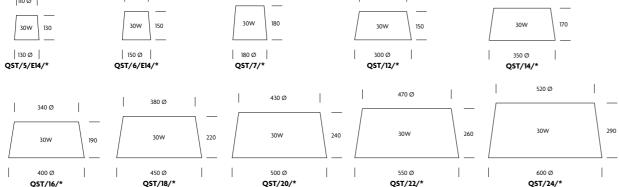


## SHADES

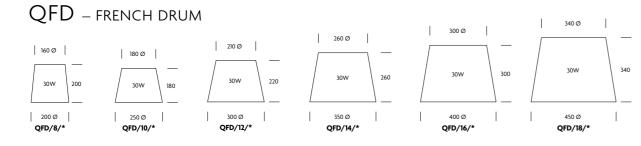
Pages 316-319 illustrate the standard Chelsom shade collection showing technical information and fabrics available. Other individual or range specific shades are shown throughout the catalogue and we welcome enquiries for any special shapes, designs or fabrics. Shades are handmade with white epoxy coated three or four strut frames (gold struts when shades have gold lining) and have E27 fixed gimbal as standard.

QST – SHALLOW TAPERED with frosted acrylic top diffuser with ventilation hole

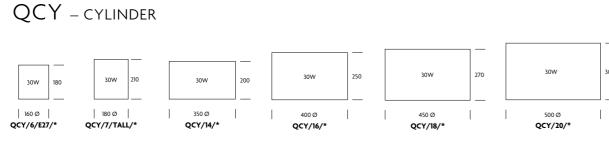








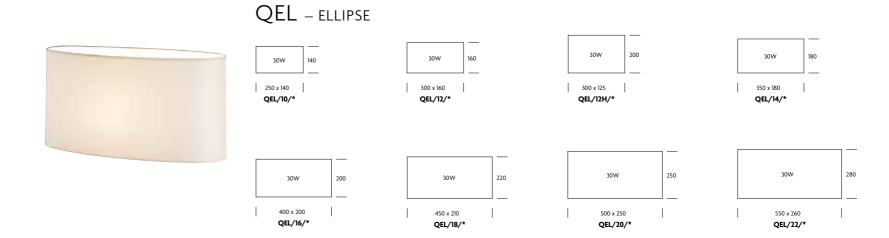




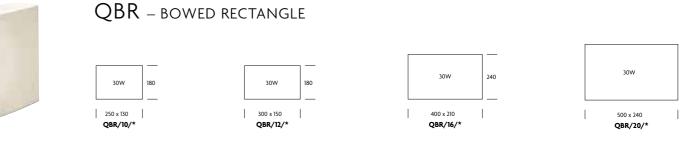


QRTS – RO	unded tapered square		
30W 200	220   	30W 240	330   30W
180   QRTS/7/*	300   <b>QRTS/12/*</b>	350   <b>QRTS/14/*</b>	450 <b>QRTS/18/*</b>

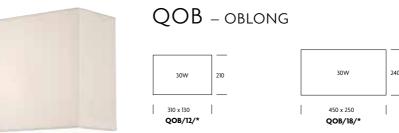
E14 or spring clip fixings are also available (denoted by model number if standard). Snap-in converter rings are available to change E27 to E14/B22/B15. Wipeable shade fabric is available in White or Off White. Maximum recommended lamp wattages are shown within line drawings. \* Please add colour suffix when ordering (see overleaf).



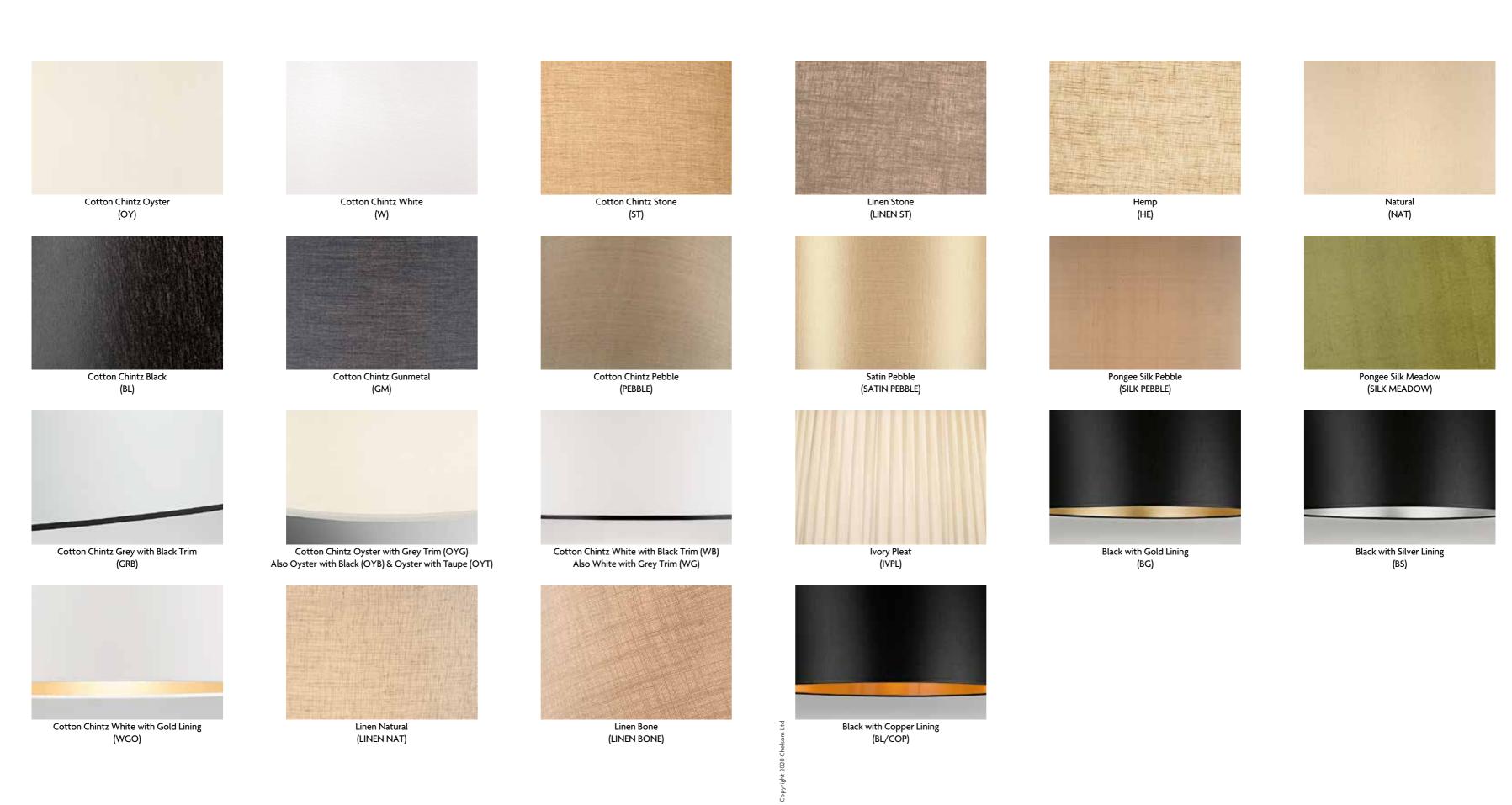








## SHADE FABRIC OPTIONS



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### TECHNICAL Reference

### PRODUCT TECHNICAL SPECIFICATIONS

Every product included in the Edition 27 catalogue is shown with basic dimensions and technical specification. For full technical specification details please visit the Chelsom website www.chelsom.co.uk from where Product Specification Sheets can be downloaded.

### TECHNICAL SPECIFICATION KEY

The following symbols or technical comments appear throughout Edition 27.



CE Symbol (Conformité Européene) Denotes compliance with relevant European electrical safety regulations.



UL Symbol (Underwriters Laboratory) Denotes compliance with relevant USA and Canadian electrical safety regulations for lighting products.



Class I Symbol Denotes the electrical safety class of the product – earth included.



Class II Symbol Denotes the electrical safety class of the product – double insulated, not earthed.



Class III Symbol Denotes the electrical safety class of the product – protection against electric shock, supply from safety extra-low voltage (SELV).

IP20

IP20 (Ingress Protection) Denotes protection against solid objects greater than 12.5mm. No protection against liquids. Touch proof.

IP44 (Ingress Protection) Denotes protection against solid objects greater than 1.0mm and protection against splashes of water from any angle. Limited water protection.

IP65 (Ingress Protection) Denotes protection against ingress of dust and protection against low pressure water jets from any angle. Water resistant.

**ZONE 1** Zone 1 in Bathrooms The area above that defined by the perimeter of the bath or shower tray.

**ZONE 2** Zone 2 in Bathrooms

The area adjoining the bath or shower tray up to a distance of 600mm.

2700K 2700K Colour Temperature Denotes colour temperature measured in Kelvins (2200K to 3000K within the standard range).



USB Symbol

Denotes product which comes with integral USB charging port with 2.0A output.

### INTERNATIONAL ELECTRICAL STANDARDS

Chelsom can wire in-house to meet all international standards. Luminaires are constructed and tested to comply with the Electrical Equipment (Safety) Regulations 1994 with reference to BS EN 60598 -1:2015 and with the applicable BS EN 60598 Part 2 standard. Most of the range has UL approval and almost all luminaires can be wired for 110V or 230V.

### LIGHT CALCULATIONS

The experienced Chelsom consultants together with the Technical Manager are pleased to visit site and discuss lighting schemes and light calculations with clients. Either lux level readings can be taken on site or calculations can be made at Head Office from architects' drawings and plans. Advice can be given on the location, quantity and type of light sources required.

### **EMERGENCY LIGHTING**

Whether emergency lighting is required within individual luminaires or is installed remotely, Chelsom are knowledgeable in all aspects of emergency lighting requirements. Please contact the Technical Team to discuss legal requirements and how those standards might be met with Chelsom lighting.

### TRADE ASSOCIATION MEMBERSHIPS





**CABLE AND PLUGS** 

PENDANT LUMINAIRES

DIMENSIONS AND WEIGHTS

the wall including shade if shown.

are available.

Cable colour will be selected to complement the finish

of the luminaire. Portable luminaires will normally have 2 metres cable length from the base to a 13 amp UK plug

(fused 3 amp). 5 amp plugs and many international plugs

Pendants are normally supplied with 2000mm of

arrange installation of manual or power winches.

suspension chain or cable and all have ceiling plates.

Refer to the website for full technical specifications and

installation instructions. To facilitate maintenance of larger

pendants in high-ceilinged rooms, we can advise upon and

Dimensions are usually rounded to the nearest 10mm, 5mm

for smaller products. Minimum heights shown for pendants

include one link of chain, where applicable, and the ceiling

plate. Maximum heights include the above plus the normal

request). Weights for pendants are shown and include glass

where illustrated. Portable luminaire base only heights are

measured including lampholder cover and heights with

maximum distance any part of a wall light extends from

shade relate to the shade illustrated. Projection is the

amount of chain supplied (extra lengths available on

CHELSOM HAVE TECHNICAL SPECIALISTS AVAILABLE TO ANSWER ANY OF YOUR QUERIES. PLEASE CONTACT THE TECHNICAL DEPARTMENT FOR INFORMATION

E-mail: sales@chelsom.co.uk Tel: +44 (0)1253 831400

CONVERSION Chart (millimetres to inches)

mm	inches	mm	inches	mm	inches	mm	inches
10	0.4	510	20.1	1010	39.8	1510	59.4
20	0.8	520	20.5	1020	40.2	1520	59.8
30	1.2	530	20.9	1030	40.6	1530	60.2
40	1.6	540	21.3	1040	40.9	1540	60.6
50	2.0	550	21.7	1050	41.3	1550	61.0
60	2.4	560	22.0	1060	41.7	1560	61.4
70	2.8	570	22.4	1070	42.1	1570	61.8
80	3.1	580	22.8	1080	42.5	1580	62.2
90	3.5	590	23.2	1090	42.9	1590	62.6
100	3.9	600	23.6	1100	43.3	1600	63.0
110	4.3	610	24.0	1110	43.7	1610	63.4
120	4.7	620	24.4	1120	44.1	1620	63.8
130	5.1	630	24.8	1130	44.5	1630	64.2
140	5.5	640	25.2	1140	44.9	1640	64.6
150	5.9	650	25.6	1150	45.3	1650	65.0
160	6.3	660	26.0	1160	45.7	1660	65.4
170	6.7	670	26.4	1170	46.1	1670	65.7
180	7.1	680	26.8	1180	46.5	1680	66.1
190	7.5	690	27.2	1190	46.9	1690	66.5
200	7.9	700	27.6	1200	47.2	1700	66.9
210	8.3	710	28.0	1210	47.6	1710	67.3
220	8.7	720	28.3	1220	48.0	1720	67.7
230	9.1	730	28.7	1230	48.4	1730	68.1
240	9.4	740	29.1	1240	48.8	1740	68.5
250	9.8	750	29.5	1250	49.2	1750	68.9
260	10.2	760	29.9	1260	49.6	1760	69.3
270	10.6	770	30.3	1270	50.0	1770	69.7
280	11.0	780	30.7	1280	50.4	1780	70.1
290	11.4	790	31.1	1290	50.8	1790	70.5
300	11.8	800	31.5	1300	51.2	1800	70.9
310	12.2	810	31.9	1310	51.6	1810	71.3
320	12.6	820	32.3	1320	52.0	1820	71.7
330	13.0	830	32.7	1330	52.4	1830	72.0
340	13.4	840	33.1	1340	52.8	1840	72.4
350	13.8	850	33.5	1350	53.1	1850	72.8
360	14.2	860	33.9	1360	53.5	1860	73.2
370	14.6	870	34.3	1370	53.9	1870	73.6
380	15.0	880	34.6	1380	54.3	1880	74.0
390	15.4	890	35.0	1390	54.7	1890	74.4
400	15.7	900	35.4	1400	55.1	1900	74.8
410	16.1	910	35.8	1410	55.5	1910	75.2
420	16.5	920	36.2	1420	55.9	1920	75.6
430	16.9	930	36.6	1430	56.3	1930	76.0
440	17.3	940	37.0	1440	56.7	1940	76.4
450	17.7	950	37.4	1450	57.1	1950	76.8
460	18.1	960	37.8	1460	57.5	1960	77.2
470	18.5	970	38.2	1470	57.9	1970	77.6
480	18.9	980	38.6	1480	58.3	1980	78.0
490	19.3	990	39.0	1490	58.7	1990	78.3
500	19.7	1000	39.4	1500	59.1	2000	78.7

To convert millimetres to inches: millimetres x 0.03937

To convert inches to millimetres: inches x 25.4

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AO/007/P	216/295	BV/6/3	274-275	CD/22/TL/*	173	CR/7/FS/BL/C	154	DT/14/W2/*	166/211
AO/007/W1	216/295	BV/6/6	274	CE/6/BRB	258	CV/16/FS/C	94	DU/6/W2/*	167/210
AS/36/TL/*	36	BV/6/6+3	275	CE/9/BRB	258-259	CV/16/TL/C	95	DW/6/FS	110
AS/36/W1/*	37	BV/6/W1	274	CF/8/P	261	CV/16/W1/C	94	DW/6/TL	110
AT/85/P/*	281	BW/106	163	CH/9/FS/*	85-86	CV/17/TL/C	94	DW/6/W1	110
AU/22/P	257	BW/110/LED	162	CH/9/TL/*	85-86/189	CX/14/FS/*	102	DW/6/W1/LED	111
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<sup>\*</sup> See suffix options on the relevant page.

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FJ/300/W1	311	GX/102/600/18	284	IN/12/W1/LED/BNC	118	LED/8/*	140	MY/122/W2/*	314
FJ/450/P	311	HA/100/10	254	KT/24/200	232	LED/800/*	142	NM/6/250x250/BRG	204
FJ/600/P	310	HA/100/4	255	LED/10/*	138	LG/1/*	174	NM/6/300/BRG	204
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## TERMS & CONDITIONS

**'Buyer'** means the person whose Order for Goods and/or Services is accepted by the Seller

or ("Conditions" means the standard terms and conditions of sale set out in this document and (unless the context otherwise requires) includes any special terms and conditions agreed in Writing between the Buyer and the Seller. 'Contract' means the contract for the sale and purchase of the Goods and/or

services between the Seller and the Buyer as set out in the Order and subject to 'Goods' means goods which the Seller is to supply to the Buyer as set out in the

Order in accordance with these Conditions 'Incoterms' means the international rules for the interpretation of trade terms of the International Chamber of Commerce as in force at the date when the

Contract is made \*Contact is risade.
\*Order\* means any Written order of the Buyer which is accepted by the Seller.
\*Seller\* means CHELSOM LIMITED registered in England under number 626933
and whose registered office is situated at Heritage House, Clifton Road,

Blackpool FY4 4OA. Seller Materials' means all materials, equipment, documents and other property

**'Services'** means the services which the Seller is to supply to the Buyer as set out

in the Order in accordance with these Conditions. **'Writing'** subject to clause 15.1 includes facsimile and comparable means of

written communication including electronic mail.

1.2 Any reference in these Conditions to any provision of a statute shall be construed as a reference to that provision as amended, re-enacted or extended

at the time of contract 1.3 The headings in these Conditions are for convenience only and shall not

1.4 All of these Conditions shall apply to the supply of both Goods and Services

1.5 Any phrase introduced by the terms 'including', 'include', 'in particular' or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms. **1.6** References to clauses are to the clauses of these Conditions.

2. Basis of the sale

2.1 The Seller shall sell and the Buyer shall purchase the Goods and/or the Services in accordance with any Order, subject to these Conditions, which shall govern the Contract to the exclusion of any other terms and conditions subject

to which any such Order is made or purported to be made, by the Buyer or which are implied by trade, custom, practice or course of dealing,

2.2 No variation to these Conditions shall be binding unless agreed in Writing between the authorised representatives of the Buyer and the Seller, and no condition, warranty or other term of any order or acceptance of a quotation submitted by the Buyer or which the Buyer may seek to impose shall apply to

2.3 The Seller's employees or agents are not authorised to make any representations concerning the Goods and/or the Services unless confirmed by the Seller in Writing. The Contract constitutes the entire agreement between the parties. The Buyer acknowledges that it has not relied on any statemen promise, representation, assurance or warranty made or given by or on behalf of

the Seller which is not set out in the Contract.

2.4 Any advice or recommendation given by the Seller or its employees or agents to the Buyer or its employees or agents as to the storage, application or use of the Goods which is not confirmed in Writing by the Seller is followed or acted on entirely at the Buyer's own risk, and accordingly the Seller shall not be liable for any such advice or recommendation which is not so confirmed. 2.5 Any samples, drawings, descriptive matter or advertising issued by the Seller

and any illustrations or descriptions of the Services contained in the Seller's catalogues or brochures are issued or published for the sole purpose of givin an approximate idea of the Services and/or Goods described in them. They shall not form part of the Contract or have any contractual force.

2.6 Any typographical, clerical or other error or omission in any sales literature, catalogue, quotation, price list, acceptance of offer, invoice or other document or information issued by the Seller shall be subject to correction without notice to the Buyer and without possible to the Buyer and without possible to a correction without notice. to the Buyer and without any liability on the part of the Seller.

2.7 In the event of any conflict between the provisions of an order submitted by the Buyer and the provisions of any quotation or order acknowledgement issued by the Seller or these Conditions, the provisions of the quotation, order acknowledgement or these Conditions (as applicable) shall prevail.

### 3. Orders and Specifications

3.1 An order submitted by the Buyer constitutes an offer by the Buyer to purchase Goods and/or Services in accordance with these Conditions. No order submitted by the Buyer (whether or not submitted pursuant to a quotation issued by the Seller) shall be deemed to be accepted by the Seller unless and

3.1.1 it is confirmed in Writing by the Seller's authorised representative; or 3.1.2 the Seller delivers the Goods (or any instalment) and/or commences the supply of the Services, whichever occurs first, on which date the Contract shall come into existence. Any quotation given by the Seller shall not constitute an offer, is only valid for a period of 45 days from its date of issue and may be withdrawn by the Seller at any time before the Contract is formed.

3.2 The Buyer shall be responsible to the Seller for ensuring the accuracy of the SET IN Easy of any Order (including any applicable specification) submitted by the Buyer, for giving the Seller any necessary information relating to the Goods and/or Services within a sufficient time to enable the Seller to perform the Contract in accordance with its terms and for providing any materials the Seller may easonably require to supply the Services

reasonably require to supply the services. 3.3 The quantity, quality and description of and any specification for the Goods shall be those set out in the Order (and the Buyer must satisfy itself as to specification, quality, description and fitness for purpose of the Goods). 3.4 The Seller shall provide the Services (if any) to the Buyer in accordance with

 3.4 The Setter shall provide the Set vices (it any) to the Buyer in account of the Order in all material respects.
 3.5 If the Goods are to be manufactured, any process is to be applied to the Goods or the Services are to be provided by the Seller in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Seller against all liabilities, losses, damages, costs and expenses awarded against or incurred by the Seller in connection with or paid or agreed to be paid by the Seller in settlement of any claim for infringement of any patent, copyright, design, trade mark or other industrial or intellectual property rights of any other party which results from the Seller's use of the Buyer's specification.

3.6 Notwithstanding clause 91, the Seller reserves the right to make any changes

in the specification of the Goods and/or the Services which are required to Conform with any applicable law or safety requirement, statutory or European Union requirements or, where the Goods are to be supplied to the Seller's specification, which do not materially affect their quality or performance. 3.7 No Order may be cancelled by the Buyer except with the agreement in Writing of the Seller and then only on terms that the Buyer shall indemnify the Seller in full against all liabilities, losses (including loss of profit), costs, (including the cost of all labour and materials used), damages, charges and expenses

3.8 The Goods will on delivery comply with the Electrical Equipment Safety Regulations in accordance with BS EN 60598-1:2015 and with the applicable BS EN 60598 Part 2 standard unless local regulations specify otherwise.

### 4. Buyer's Obligations

4.1.1 ensure that the terms of the Order and (if submitted by the Buyer) of any

4.1.2 co-operate with the Seller in all matters relating to the Goods and Services; 4.1.3 provide the Seller, its employees, agents, consultants and subcontractors, with access to such premises, office accommodation and other facilities as reasonably required by the Seller to provide the Goods and/or the Services;
4.1.4 provide the Seller with such information and materials as the Seller may

reasonably require to supply the Services, and ensure that such information is accurate in all material respects;
4.1.5 prepare the Buyer's premises for the supply of the Services;
4.1.6 obtain and maintain all necessary licences, permissions and consents which
may be required for the Services before the date on which the Services are to

417 keep and maintain all Seller Materials at the Buyer's premises in safe

custody at its own risk, maintain the Seller Materials in good condition until returned to the Seller, and not dispose of or use the Seller Materials other than in accordance with the Seller's written instructions or other authorisation 4.2. If the Seller's performance of any of its obligations in respect of the Goods and/or Services is prevented or delayed by any act or omission by the Buyer or failure by the Buyer to perform any relevant obligation (Buyer Default): 4.2.1 the Seller shall without limiting its other rights or remedies have the right to suspend performance of the relevant obligations until the Buyer remedies the Buyer Default, and to rely on the Buyer Default to relieve it from the performance of any of its obligations to the extent the Buyer Default prevents

or delays the Seller's performance of any of its obligations;
4.2.2 the Seller shall not be liable for any costs or losses sustained or incurred by
the Buyer arising directly or indirectly from the Seller's failure or delay to perform
any of its obligations as permitted in this clause 4; and

4.2.3 the Buyer shall reimburse the Seller on written demand for any costs or ined or incurred by the Seller arising directly or indirectly from the

### 5. Price of the Goods and/or Services

5.1 The price of the Goods and/or Services shall be the Seller's quoted price, or where no price has been quoted (or a quoted price is no longer valid), the price listed in the Seller's published price list current at the date of acceptance of the order. Where the Goods are supplied for export from the United Kingdom, the Seller's published export price list shall apply. All prices quoted are valid for 45 days provided that the Seller has not previously withdrawn it.

5.2 The Seller reserves the right, by giving notice to the Buyer at any time before delivery, to increase the price of the Goods and/or Services to reflect any increase in the cost to the Seller which is due to any factor beyond the control of the Seller (such as any foreign exchange fluctuation, currency regulation, alteration of duties, significant increase in the cost of labour, materials or other costs of manufacture), any change in delivery dates, quantities or specifications for the Goods and/or Services which is requested by the Buyer, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate information or instructions.

5.3 Except as otherwise stated under the terms of any Written quotation or

in any price list of the Seller, and unless otherwise agreed in Writing between the Buyer and the Seller, all prices are given by the Seller on an ex-works basis, and where the Seller agrees to deliver the Goods otherwise than at the Seller's premises, the Buyer shall be liable to pay the Seller's charges for transport, packaging and insurance.

5.4 The price is exclusive of any applicable value added tax (and any similar sales tax), which the Buyer shall be additionally liable to pay to the Seller.

5.5 Should any duty, tax, levy or any other payment whatsoever be imposed by the European Union, or any of its member's national government, or any other government body, relating to the Goods and/or Services before their delivery the Buyer shall bear the burden of such duty, tax, or other payment and the

### 6. Terms of Payment

6.1 The Seller shall at its option be entitled to require the Buyer to pay a deposiof all or part of the price of the Goods and/or Services in advance 6.2 Subject to any special terms agreed in Writing between the Buyer and the Seller, the Seller shall at its option be entitled to submit an invoice for payment from the Buyer for the price of the Goods and/or Services upon the occurrence

(a) upon or after the giving of a quotation to the Buyer; or (b) upon or after formation of the Contract; or

at any time after delivery of the Goods: or

if the Buyer fails to take delivery of the Goods, at any time after the Seller has notified the Buyer that the Goods are ready for collection; or

completion of the Services; or monthly in arrears.

(1) monthly in arrears.
6.3 Unless otherwise specified by the Seller to the Buyer prior to or at the time of submission of an invoice pursuant to this clause 6 the Buyer shall pay the price of the Goods and/or Services (less any discount to which the Buyer is entitled and less any deposit already paid, but without any other deduction) within 30 days of the date of the Seller's invoice and the Seller shall be entitled to recover the price, notwithstanding that delivery may not have taken place and the property in any Goods has not passed to the Buyer. The time of payment of the price shall be of the essence of the Contract. Receipts for payment will be issued

only upon request.

6.4 If the Buyer fails to make any payment on the due date then, without the due date then, without the due date then, without the due date then the due date the date the due date the due date the da prejudice to any other right or remedy available to the Seller, the Seller shall be

6.4.1 cancel the Contract: or

6.4.2 suspend any further deliveries to the Buyer; and/or

6.4.3 suspend the provision of the Services or any part of them; and 6.4.4 appropriate any payment made by the Buyer to such of the Goods and or Services (or the goods and/or services supplied under any other contact between the Buyer and the Seller) as the Seller may think fit (notwithstanding any purported appropriation by the Buyer); and

6.4.5 charge the Buyer interest (both before and after any iudgment) on the amount unpaid from the due date for payment, at the rate of 8 per cent per annum above the HSBC Bank base lending rate accruing on a daily basis until payment is made or under the Late Payment of Commercial Debts (Interest) Act

7.1 Delivery of Goods shall be made by the Buyer collecting the Goods at the Seller's premises at any time after the Seller has notified the Buyer that the Goods are ready for collection, or if some other place for delivery is agreed by the Seller, by the Seller delivering the Goods to that place.

7.2.1 on the completion of loading of the Goods at the Seller's premises if the Buyer is collecting the Goods; or 7.2.2 on arrival at the agreed delivery location if the parties have agreed that the

Seller is delivering and the Goods; or

7.2.3 where clause 12 (Export Terms) applies, in accordance with the relevant Incoterm agreed by the parties.

7.3 Any dates quoted for delivery of the Goods and/or provision of the Services

are approximate only and to the extent permitted by applicable law the Selle are approximate only and to the extent permitted by applicable law the seller shall not be liable for any damage or inconvenience due to the delay in delivery of the Goods or performance of the Services howsoever caused. Time for delivery of the Goods and/or performance of the Services shall not be of the essence of the Contract unless previously agreed by the Seller in Writing. The Goods may be delivered and the Services performed by the Seller in advance of the quoted delivery date upon giving reasonable notice to the Buyer.

7.4 Where Goods are to be delivered in instalments, each delivery shall constitutes a separate contract to which all of these Conditions shall apply and institute a separate contract to which all of these Conditions shall apply and failure by the Seller to deliver any one or more of the instalments in accordance with these Conditions or any claim by the Buyer in respect of any one or more instalments shall not entitle the Buyer to treat the Contract as a whole as

7.5 If the Seller fails to deliver the Goods (or any instalment) or provide the Services (or any part of them) for any reason other than any cause beyond the Seller's reasonable control or the Buyer's fault, and the Seller is accordingly liable to the Buyer, the Seller's liability shall be limited to the excess (if any) of the cost to the Buyer (in the cheapest available market) of similar goods and/or services to replace those not delivered over the price of the Goods and/or Services.

7.6 If the Buyer fails to take delivery of Goods or fails to give the Seller adequate delivery instructions at the time stated for delivery (otherwise than by reason of any cause beyond the Buyer's reasonable control or by reason of the Seller's of any cause begoin the Buyer's reasonable control or by reason of the Seller's fault) then, without prejudice to any other right or remedy available to the Seller the Seller may at the Seller's option:

7.6.1 store the Goods until actual delivery and charge the Buyer for the

reasonable costs (including insurance) of storage; or
7.6.2 sell the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to the Buyer for the excess over the price under the Contract or charge the Buyer for any shortfall below

### 8. Risk and Property

he price under the Contract.

8.1 Risk of damage to or loss of the Goods shall pass to the Buyer.
8.1.1 in the case of Goods to be delivered at the Seller's premises, at the time when the Seller notifies the Buyer that the Goods are available for collection; or 8.1.2 in the case of Goods to be delivered otherwise than at the Seller's premises, at the time of delivery or, if the Buyer fails to take delivery of the Goods, the time when the Seller has tendered delivery of the Goods.

8.2 Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Conditions, Goods supplied under the Contract shall remain the sole and absolute property of the Seller and property and title in the Goods shall not pass to the Buyer until: 8.2.1 the Seller has received in cash or cleared funds payment in full of the price

of the Goods and in respect of all other goods agreed to be sold by the Seller to the Buser for which payment is then due (including VAT and interest thereon); or 8.2.2 the Seller notifies the Buyer in writing that title in the Goods has passed to

8.3 Until such time as the property and title in the Goods passes to the Buyer

8.3.1 keep the Goods separate from those of the Buyer and third parties and properly stored, protected and insured (for their full price) and identified as the Seller's property; 8.3.2 not remove, deface or obscure any identifying mark or packaging on or

relating to the Goods; 8.3.3 maintain the Goods in satisfactory condition having regard to the nature of

8.3.4 notify the Seller immediately if the Buyer becomes subject to any of the

events set out in clause 10.1; and 8.3.5 give the Seller such information relating to the location and condition of the Goods as the Seller may require from time to time.

8.4 Subject to clause 8.5, the Buyer shall be entitled, before the time at which

property and title would ordinarily pass in accordance with clause 8.2, to resell with good title or use the Goods in the ordinary course of its business (but not otherwise). If the Buyer resells the Goods before that time, it shall do so as principal (and not as the Seller's agent), title to the Goods shall pass from the Seller to the Buyer immediately before the time when title to the Goods passes from the Buyer to its purchaser

from the Buyer to its purchaser.

8.5 If, before property and title in the Goods passes to the Buyer, the Buyer becomes subject to any of the events set out in clause 10.1, then, without limiting any other right or remedy the Seller may have:

8.5.1 the Buyer's right to resell or use the Goods in the ordinary course of its business ceases immediately; and
8.5.2 the Seller may at any time: (a) require the Buyer to deliver up all Goods

in its possession which have not been resold or irrevocably incorporated into another product; and (b) if the Buyer fails to do so promotly, enter any of the another product, and (b) if the buyer fails to do so promptly, enter any or to Buyer's premises or premises of any third party where the Goods are, or are reasonably likely to be, stored in order to recover them.

8.6 The Buyer shall not be entitled to pledge, create a lien over, or in any way charge by way of security for any indebtedness any of the Goods which re the property of the Seller, but if the Buyer does so all monies owing by the Buyer to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and pavable.

8.7 On termination of the Contract, the Seller's rights contained in this clause 8

### 9. WARRANTIES AND LIMITATION OF LIABILITY

9.1 SUBJECT TO THE CONDITIONS SET OUT BELOW, THE SELLER WARRANTS THAT THE GOODS WILL CORRESPOND WITH THEIR DESCRIPTION IN ALL MATERIAL RESPECTS ON DELIVERY TO THE BUYER AND, UNLESS
OTHERWISE STATED, BE FREE FROM MATERIAL DEFECTS IN MATERIAL AND
WORKMANSHIP ON DELIVERY TO THE BUYER AND FOR A PERIOD OF TWO YEARS FROM THE DATE OF DELIVERY TO THE BUYER.

9.2. The above warranty is given by the Seller subject to the following conditions: 9.2.1 the Seller subject to the following conditions: 9.2.1 the Seller shall not be liable for the Goods' failure to comply with the above warranty if the Buyer or any third party makes any further use of such Goods after giving notice in accordance with clause 94:
9.2.2 the Seller shall be under no liability in respect of any defect in the Goods arising from any drawing, design or specification supplied by the Buyer.
9.2.3 the Seller shall be under no liability in respect of any defect in the Goods

arising from fair wear and tear, wilful damage, negligence, abnormal working conditions, failure to follow the Seller's instructions (whether oral or in Writin, or (if there are none) good trade practice, misuse or alteration or repair of the Goods without the Seller's approval;

9.2.4 the Seller shall be under no liability under the above warranty (or any other urranty, condition or guarantee) if the total price for the Goods has not be

paid by the due date for payment:

9.2.5 the above warranty does not extend to parts, materials or equipment not nanufactured by the Seller, in respect of which the Buyer shall only be entitled to the benefit of any such warranty or guarantee as is given by the manufacturer

9.3 SUBJECT AS EXPRESSLY PROVIDED IN THESE CONDITIONS, ALL WARRANTIES, CONDITIONS OR OTHER TERMS IMPLIED BY STATUTE OR COMMON LAW ARE EXCLUDED TO THE FULLEST EXTENT PERMITTED BY

94 Any claim by the Buyer which is based on any defect in the quality or condition of the Goods or their failure to correspond with description mu (whether or not delivery is refused by the Buyer) be notified in Writing to the Seller: (a) within 7 days from the date of delivery to the Buyer, or (where the Buyer has purchased the Goods for resale) within 7 days from the date of delivery to the Buyer's customer or within one month of delivery to the Buyer whichever is sooner; or (b) (where the defect or failure was not apparent on reasonable inspection) within a reasonable time (not exceeding 7 days) after discovery of the defect or failure or after such defect or failure ought reasonably to have been discovered (by the Buyer or its customer, as applicable) and in any event within two years after delivery to the Buyer. If the Buyer notifies the Seller of any such defect, the Buyer must provide the Seller with a reasonable opportunity of examining such Goods and (if asked to do so by the Seller) must return such Goods to the Supplier. If delivery is not refused, and the Buyer does not notify the Seller of a defect and/or provide the Seller an opportunity for inspection and/or return the Goods (if requested) in accordance with this clause 94, the Buyer shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the price as if the Goods had been delivered in accordance with the Contract. 9.5 Where any valid claim under clause 9.1 arises in respect of any of the Goods based on any defect in the quality or condition of the Goods or their failure to meet description and the Buyer fulfils its obligations under clause 9.4, the Seller shall, at its option, replace the Goods (or the part in question) free of charge or, at the Seller's sole discretion refund to the Buyer the price of the Goods (or a proportionate part of the price) or rectify the said defect at the Seller's cost, but the Seller shall have no further liability to the Buyer in respect of such Goods' failure to comply with the applicable warranty in clause 9.1. The terms of these Conditions shall apply to any replacement Goods supplied by the Seller

96 SURJECT TO CLAUSE 98 THE SELLER SHALL NOT BE LIABLE TO 9.6 SUBJECT TO CLAUSE 9.8., THE SELLER SHALL NOT BE LIABLE TO THE BUYER UNDER ANY CIRCUMSTANCES (WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), BREACH OF STATUTORY DUTY, OR OTHERWISE) FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE, COSTS, EXPENSES OR OTHER CLAIMS FOR CONSEQUENTIAL COMPENSATION WHATSOEVER; ANY LOSS OF PROFIT; ANY LOSS OF BUSINESS OR BUSINESS OPPORTUNITY; OR LOSS OF ANTICIPATED SAVING (AND WHETHER CAUSED BY THE NEGLIGENCE OF THE SELLER, ITS EMPLOYEES OR AGENTS OR OTHERWISE), WHICH ARISES OUT OF OR IN CONNECTION WITH THE SUPPLY OF THE GOODS AND/OR SERVICES OR THEIR USE OR RESALE BY THE BUYER.

9.7 The Seller shall not be liable to the Buyer or be deemed to be in breach of the Contract by reason of any delay in performing, or any failure to perform, any of the Seller's obligations in relation to the Goods and/or Services, if the delay or failure was due to any cause beyond the Seller's reasonable control. Without prejudice to the generality of the foregoing, the following shall be regarded as causes beyond the Seller's reasonable control:

9.7.1 act of God, explosion, flood, tempest or other extreme weather

conditions, fire or accident;

9.7.2 earthquake, subsidence, epidemic or other natural disaster

97.3 war or threat of war, sabotage, insurrection, civil disturbance, riot or requisition or acts or threatened acts of terrorism;
97.4 acts, restrictions, regulations, bye-laws, prohibitions or measures of any kind

on the part of the governmental, parliamentary or local authority: 97.5 import or export regulations or embargoes;
97.6 impossibility of the use of railways, shipping, aircraft, motor transport or

other means of public or private transport: 9.7.7 strikes, lock-outs or other industrial actions or trade disputes (whether

97.8 difficulties in obtaining raw materials, labour, fuel, parts or machinery;

9.7.9 interruption or failure of utility service or failure of public or private elecommunications networks or

9.7.10 power failure or breakdown in machinery.

9.8 No provision contained in this these Conditions shall exclude or limit the liability of the Seller for death or personal injury caused by the negligence of the Seller or its employees, agents or subcontractors, fraud or fraudulent misrepresentation of the Seller, any breach of the terms implied by section 2 of the Supply of Goods and Services Act 1982 (title and quiet possession) or any breach of the terms implied by section 12 of the Sale of Goods Act 1979 (title and quiet possession) or any other matter for which the Seller may not exclude or limit its liability under applicable law.

9.9 SUBJECT TO CLAUSE 9.8, THE SELLER'S TOTAL LIABILITY TO THE

BUYER IN RESPECT OF ALL LOSSES ARISING UNDER OR IN CONNECTION WITH THE CONTRACT (WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), BREACH OF STATUTORY DUTY, OR OTHERWISE), SHALL IN NO CIRCUMSTANCES EXCEED THE PRICE PAID BY THE BUYER FOR THE GOODS AND SERVICES UNDER THE CONTRACT.

AND SERVICES UNDER THE CONTRACT.
9.10 The Buyer indemnifies the Seller in respect of all damage or injury to any person or loss of or damage to any property and against all actions, suits, claims demands, costs, charges or expenses arising at common law or under the Consumer Protection Act 1987 or otherwise under statute as a result of any of the circumstances set out at clause 9.2.

9.11 The Seller warrants that the Services will be provided using reasonable care

### 10. Insolvency of Buyer

10.1 This clause applies if:
10.1.1 the Buyer suspends, or threatens to suspend, payment of its debts or is
unable to pay its debts as they fall due or admits inability to pay its debts;
10.1.2 the Buyer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal or enters into any compromise or arrangement with its creditors; 10.1.3 a petition is filed, a notice is given, a resolution is passed, or an order is

made, for or in connection with the winding up of the Buyer (being a company) other than for the sole purpose of a scheme for a solvent amalgamation of

10.1.4 the Buyer (being an individual) is the subject of a bankruptcy petition or 10.1.5 an application is made to court, or an order is made, for the appointment

of an administrator or if notice of intention to appoint an administrator is giver or if an administrator is appointed over the Buyer (being a company); 10.1.6 a creditor or an encumbrancer of the Buyer takes possession of, or a distress, execution, sequestration or other such process is levied or enforced usives, execution, sequestiation of other society process is leveled or inforced on or sued against, the whole or any part of the assets of the Buyer and such attachment or process is not discharged within 14 days;

10.17 (being a company) the holder of a qualifying charge over the Buyer's assets

has become entitled to appoint or has appointed an administrative receiver. 10.18 any event occurs, or proceeding is taken, with respect to the Buyer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clauses 10.1.1 to 10.1.7 (inclusive);

10.1.9 the Buyer suspends or threatens to suspend, or ceases or threatens to cease, to carry on all or substantially the whole of its business; or 10.1.10 (being an individual) the Buyer dies, or by reason of illness or incapacity is incapable of managing his or her own affairs or becomes a patient under any mental health legislation

10.2 If this clause 10 applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the Contract immediately upon written notice to the Buyer or suspend any other deliveries of Goods and/or performance of Services under the Contract without any liability to the Buyer, and if Goods have been delivered or Services provided but not paid for the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

### 11. Consequence of Termination

11.1 On termination of the Contract for any reason 11.1.1 the Buyer shall return all of the Seller Materials. If the Buyer fails to do so.

then the Seller may enter the Buyer's premises and take possession of them Until they have been returned, the Buyer shall be solely responsible for their safe keeping and will not use them for any purpose not connected with this

11.1.2 the Buyer shall cease all use of the Seller's confidential information; 11.1.3 the Buyer shall immediately pay to the Seller all of the Seller's outstanding unpaid invoices and interest and, in respect of Goods and Services supplied but for which no invoice has yet been submitted, the Seller shall submit an invoice which shall be payable by the Buyer immediately on receipt, and the Seller may apply any deposit paid by the Buyer towards any sums due under such invoices the accrued rights and remedies of the parties as at termination shall not be affected, including the right to claim damages in respect of any breach of the Contract which existed at or before the date of termination or expiry; and 11.1.5 clauses which expressly or by implication have effect after termination shall continue in full force and effect.

### 12. Export Terms

12.1 Unless the context otherwise requires any term or expression which is defined in or given a particular meaning by the provisions of incoterms shall have the same meaning in these Conditions, but if there is any conflict between the visions of Incoterms and these Conditions, the latter shall prevail. 12.2 Where Goods are supplied for export from the United Kingdom, the provisions of this clause 12 shall (subject to any special terms agreed in Writing between the Buyer and the Seller) apply notwithstanding any other provision of

12.3 The Buyer shall be responsible for complying with any legalisation of regulations governing the importation of the Goods into the country of destination and for the payment of any duties thereon.

12.4 Unless otherwise agreed in Writing between the Buyer and the Seller, the Goods shall be delivered FOB the air or sea port of shipment or freight terminal and the Seller shall be under no obligation to give notice under Section 32(3) of the Sale of Goods Act 1979.

12.5 The Buyer shall be responsible for arranging for testing and inspection of the Goods at the Seller's premises before shipment. The Seller shall have no liability for any claim in respect of any defect in the Goods which would be apparent on such inspection and which is made after shipment, or in respect of any damage

12.6 Where credit is extended payment of all amounts due to the Seller shall be made by irrevocable letter of credit opened by the Buyer in favour of the Seller and confirmed by a clearing bank in the U.K. acceptable to the Seller or, if the Seller has agreed in Writing, on or before acceptance of the Buyer's order, to waive this requirement, by acceptance by the Buyer and delivery to the Seller of a bill of exchange drawn on the Buyer payable 30 days after sight to the order of the Seller at such branch of a bank in England as approved by the Seller as may be specified in the bill of exchange.

13.1 Copyright, design rights, registered designs, trade marks and other intellectual property of whatever nature arising out of or in connection with any Goods, Services (including deliverables of the Services), literature or other materials supplied by the Seller to the Buyer in connection with the Contract shall be owned by and remain the property of the Seller unless otherwise agreed expressly in Writing signed by the Seller and the Buyer acknowledges that it may not copy or reproduce of otherwise use the same in whole or in part and in any way whatsoever in any part of the world without permission or licence in Writing from the Seller

from the Seller.

13.2 In the event that the Buyer learns of any use or proposed use by any third party of the Seller's intellectual property rights which might amount to an infringement of such intellectual property rights or to passing-off or unfair competition in any part of the world the Buyer shall forthwith notify the Seller in Writing giving full particulars thereof and shall provide all information and assistance to the Seller in the event that the Seller decides that proceedings (which shall be under the control and at the cost of the Seller) should be

property rights in the Goods and/or Services, the Buyer's use of any such intellectual property rights is conditional on the Seller obtaining a written licence from the relevant licensor on such terms as will entitle the Seller to license such

rights to the Buyer.

13.4 All Seller Materials are the exclusive property of the Seller 13.5 In respect of any designs, plans or other materials provided by the Buyer to the Seller to be used in the supply of Goods and/or Services:

13.5.1 the Buyer and its licensors shall retain ownership of their rights in such

13.5.2 the Buyer warrants that it has all rights, licences, consents and permissions

required to use such materials in this manner and to grant the licence under clause 13.5.3. If the Seller determines that the Buyer has breached this warranty, the Seller reserves the right to refuse to accept the Buyer's order, cancel the Contract or take such action as the Seller deems appropriate

13.5.3 the Buyer grants to the Seller a non-exclusive, royalty-free, worldwide licence to use, store and copy such materials to the extent required in order for the Seller to supply the Goods and Services; 13.5.4 the Buyer shall indemnify and hold harmless the Seller against all liabilities costs, expenses, fines, penalties, damages and losses suffered or incurred by the Seller in connection with any claim made against the Seller for actual or alleged

infringement of a third party's intellectual property or other proprietary rights arising out of or in connection with the Seller's use of any such content of rial in accordance with this clause 13.5. This clause shall survive ter

### 14. User Warnings ents, consumer information, instructions, recommendation 14.1 Any advertise

or labelling (the "Literature") supplied by the Seller relating to the Goods, have

been prepared to comply with statutory regulations (if any) relating to the Goods and/or Services and with a view to providing information for users as to the physical characteristics of the Goods and precautions to be taken with regard to their use. The Buyer undertakes to the Seller:-

14.1.1 only to use in relation to the Goods and/or Services the Literature supplied or approved in Writing by the Seller;

4.1.2 not to remove from the Goods prior to re-sale, fitting, or installation any Literature supplied with the Goods by the Seller; 14.1.3 not to make any statement, representation or claim or give any warranty

to any person in respect of the Goods and/or Services save as in the Seller's Literature or as specifically authorised by the Seller; and 14.1.4 not to supply use or install or knowingly permit the Goods to be supplied, used or installed by any third party (including any of its employees, agents

or sub-contractors) outside the purpose intended and/or otherwise than in accordance with any literature supplied with the Goods.

15.1 Any communication required to be made under this Contract shall be in Writing but where these Conditions require a notice then this shall only be validly given if in writing sent by pre-paid first class post or delivered by hand to the party concerned (at its registered office or, in the case of the Buyer, at the address given by the Buyer to the Seller) or by facsimile transmission. Notices sent by first class post shall be deemed to have been given two working days after posting (exclusive of the day of posting); notices delivered by hand shall be deemed to have been received on the day of delivery. Notices sent by facsimile transmission on a working day shall be deemed to have been received on that day unless they are sent after 4.00pm or on a non working day when they shall usy unless they are serial rater -roughly of in holl working day (provided confirmation of successful transmission has been received by the sender). For the avoidance of doubt notices will not be validly served if sent by electronic mail. For the purposes of this clause 'working day' shall mean a day other than a Saturday, Sunday or public holiday in England when banks in London are open for husiness The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

15.2 A waiver of any right under the Contract or law is only effective if it is in

Writing. No waiver by the Seller of any breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other

15.3 If any provision of these Conditions is held by a court or other competen authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected thereby.

15.4 If a dispute arises out of or in connection with the Contract or the

performance, validity or enforceability of it (Dispute) then either party shall give to the other written notice of the Dispute (setting out its nature and full particulars together with supporting documents) and the parties shall attempt in good faith to resolve the Dispute. If the parties have not resolved the Dispute

within 14 days of such written notice, the Dispute shall be referred to a senior officer of each party, who shall attempt in good faith to resolve it.

15.5 The Buyer shall not assign the Contract nor any of its rights and obligations thereunder without the prior written consent of the Seller

15.6 The operation of the Contracts (Rights of Third Parties) Act 1999 (the 1999 Act) is excluded and shall not apply and the parties to the Contract n amend vary or terminate it or any Conditions in such a way as may affect any rights or benefits of any third party which would but for this clause be directly orceable against the parties under the 1999 Act without the consent of such

third party.

15.7 These Conditions, the Contract and any disputes or claims arising out of or in connection with it or its subject matter (including non-contractual disputes or

claims) shall be governed by the laws of England and Wales.

15.8 Each party irrevocably agrees, for the sole benefit of the Seller that, subject as provided below, the courts of England and Wales shall have exclusive jurisdiction over any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with the Contract or its subject matter or formation. Nothing in this clause shall limit the right of the Seller to take proceedings against the Buyer in any other court of competent jurisdiction, nor shall the taking of proceedings in any other jurisdictions, whether concurrently or not, to the extent permitted by the law of such other jurisdiction.

### 16. Confidentiality

16.1 The Buyer undertakes that it shall not at any time disclose to any person any confidential information concerning the business, affairs, customers, clients, suppliers or products of the Seller, except as permitted by clause 16.2.

16.2 The Buyer may disclose the Seller's confidential information to:

16.2.1 its employees, officers, representatives or advisers who need to know such information for the purposes of exercising the Buyer's rights or carrying out its obligations under or in connection with the Contract. The Buyer shall ensure that its employees, officers, representatives or advisers to whom it discloses the Seller's confidential information comply with this clause 16; and

16.2.2 as may be required by law, a court of competent jurisdiction or any governmental or regulatory authority.

16.3 The Buyer shall not use the Seller's confidential information for any

purpose other than to exercise its rights and perform its obligations under or in For full export Trading Terms and Conditions please contact the export department at head office.

Chelsom Limited 2020

### Carriage and packaging

Carriage and packaging is free for U.K. mainland (excluding Northern Ireland) deliveries providing net invoice values reach the 'Carriage paid' figure stipulated on the current price list. For invoices not reaching that figure or for express deliveries by carrier, carriage and handling will be charged at cost. For off-shore British Isles deliveries (including Northern Ireland), please enquire for carriage and packing charges. For export orders, all prices are ex-works. Quotations for freight to any destination can be supplied upon request. Special export packing will be included on all export quotations. If part shipment is requested, the above Conditions apply to each individual delivery

### Goods officially ordered by the Buyer and supplied correctly by the Seller will

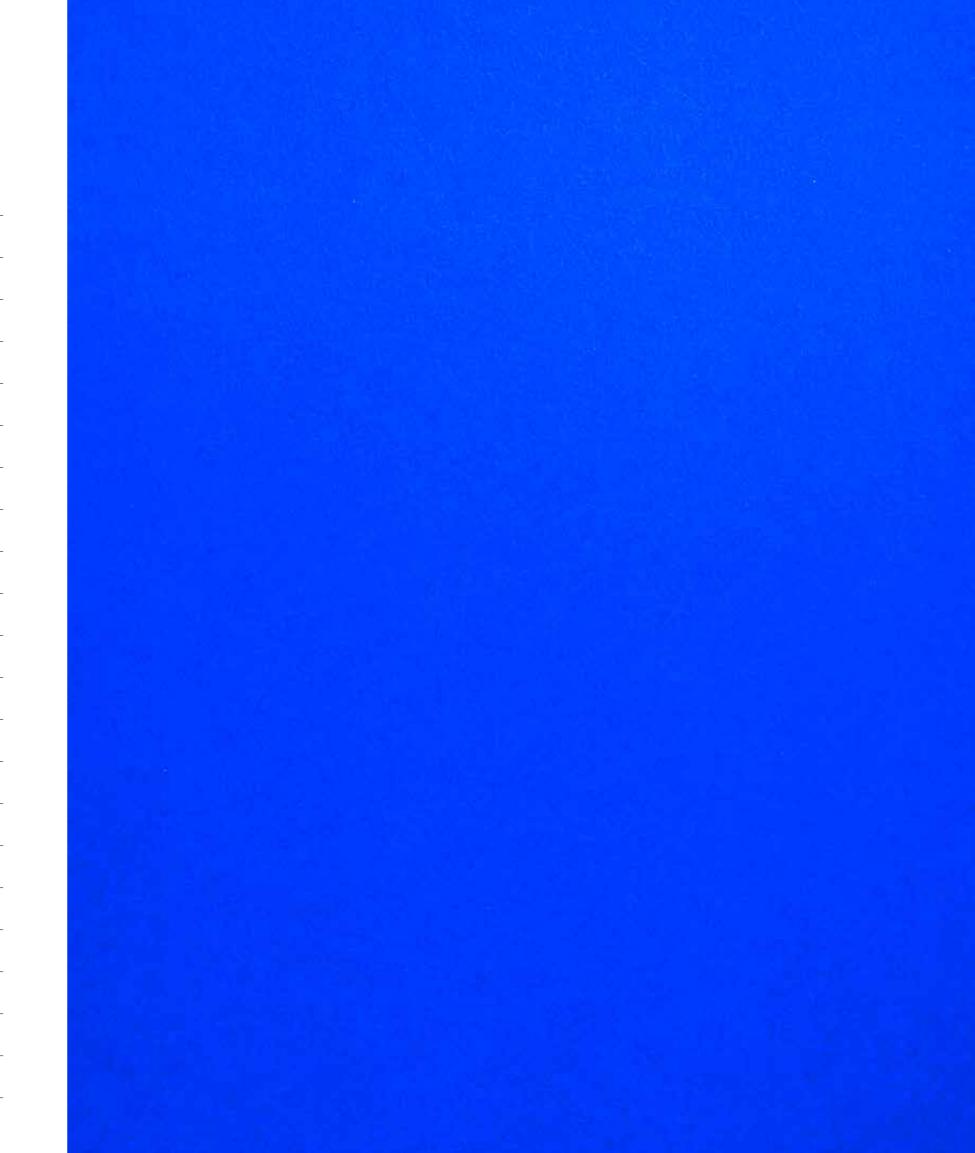
not normally be accepted for return. Any request to return Goods made in Writing will be considered and if accepted, a re-stocking charge will be made.

ective lacquer on any Goods installed on damp or wet plaster or

TERMS & CONDITIONS

# NOTES





### KEY CONTACTS

### **Head Office**

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