

GLASHÜTTE LIMBURG



Light for the home





## Light for the home · 2012

"Light for the home" shows a selection of luminaires from our overall range which are particularly suitable for the illumination and design of your private interior.

In addition, in the Internet at [www.glashuette-limburg.de](http://www.glashuette-limburg.de), as well as in our luminaire catalogue 59, you will find our complete range of luminaires as well as additional information about the luminaires in this brochure.

Our products are distributed through specialised electrical dealers, specialised lighting shops as well as the electrical trade.

All deliveries are performed in accordance with the Terms of Delivery in our luminaire catalogue 59.

GLASHÜTTE LIMBURG  
Postfach 14 63 · 65534 Limburg  
Glashüttenweg · 65549 Limburg  
Germany  
Telefon +49 6431 204-0  
Telefax +49 6431 204-104  
[info@glashuette-limburg.de](mailto:info@glashuette-limburg.de)

Recessed  
wall luminaires



12



14

Recessed  
ceiling luminaires



14

Ceiling luminaires

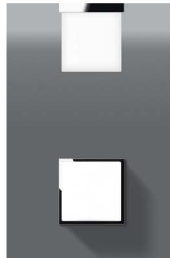


16

Ceiling and  
wall luminaires



18



20



22



24



26



28



30



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Wall luminaires



34



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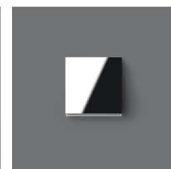
40



54



42



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48



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Wall luminaires



48



50



52

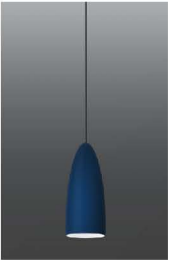


54

Pendant luminaires



56



56



58



60



62



## GLASHÜTTE LIMBURG

GLASHÜTTE LIMBURG is part of a group of companies which includes the companies BEGA and BOOM.

All of these companies are medium-sized companies, managed by the same owners.

Each company produces high-quality luminaires in a special field.

We specialise in the production of interior luminaires made of glass. Our products meet the requirements of all fields of design with light. For interior design in the public but also in the private area.

Our products are designed, developed and manufactured with great care. A team of designers, glass specialists, design engineers and lighting technicians work together in "Limburg an der Lahn" with the common objective of producing a long-lasting, high-quality and attractive product in the service of interior design.

Being able to fall back on our own glass production when new ideas are being implemented has always been a big advantage for us. The specialist know-how of our glassmakers and mould designers in their traditional crafts allows us great flexibility in our work.

As well as the design and technical lighting quality of our luminaires, we believe meticulous manufacture and the intelligent use of all materials are a special priority. Part of our corporate philosophy is to consider every single detail with the same care as the product as a whole. This produces a lasting investment that remains timeless in terms of technology and design, even decades later.



## Light for the home



Today, the illumination of private interiors is something we take for granted. However, this illumination can be of highly varying quality. Often we feel very much at home in well-lit rooms, while in other rooms we feel uncomfortable without actually knowing the cause. The atmosphere of the illuminated room depends on many factors, for example the number of light points, type of lamp, light colour and not least the overall quality of the luminaire.

Good lighting creates areas of light which match the utilisation of the room in question and in which we consider the lighting atmosphere to be pleasant.

Besides outstanding product design, a good luminaire is characterised by efficient lighting technology, high component quality and robust workmanship, for in times of declining product quality and increasing mass production, high-quality workmanship and long-lasting design are expressions of good taste.

"Light for the home" shows a selection of luminaires from our overall range which are particularly suitable for the illumination and design of your private interior.



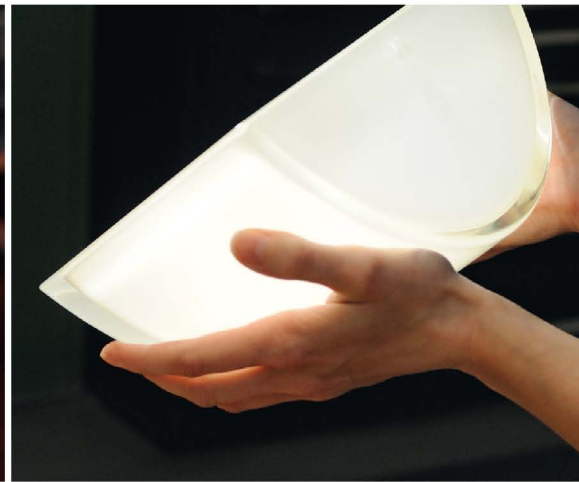
## About the quality of our light and 20 years' availability guarantee for replacement glasses

Luminaires provide light. But light is not the same as light. What quality does the light have? Does the light meet the desired requirements and how cost-effective or sustainable are our luminaires? For us, sustainability is not just a commercial message, for long before the term became popular, we attached particular importance to meticulous manufacture and the intelligent use of all materials.

For decades it has been our basic entrepreneurial principle to consider each detail of a luminaire with the same care. This produces a lasting investment that remains timeless in terms of technology and design, even years later. The quality of the light depends on many factors, but primarily on the glass. And this is our forte. From the composition of the raw materials, through the processing in our own glass moulds, to the colour, transparency, structure and surface, we control all processes ourselves. This is what distinguishes our product quality from mass production.

We keep replacement lenses for you for every type of luminaire, for up to 20 years after purchase. As much as the glass, the electric components influence the light quality, as well as the maintenance intervals and the overall cost-effectiveness of the luminaire. As early as the development stage and in the selection of these components, we exercise our influence to assure maximum quality right from the start.

In LED technology, we have defined our own standards. We develop and produce all of our components ourselves, and thus have a direct influence on the quality of the components and the service lives of the modules.



## LED-Information about service life, replacement modules, luminous efficiency and operating costs



Our LED modules are designed for service lives of 50,000 operating hours. After this period of time, the module is not destroyed, but continues to shine with about 70 % of its initial brightness.

Unlike conventional lamps, which have clearly defined connection standards, LEDs are integral components of luminaires, and this is why it is more difficult to procure replacement LED modules.

As a responsible manufacturer, we have solved this problem for our customers by ensuring that they will still be able to buy replacement LED modules for up to 20 years after buying an LED luminaire. An exact designation of the LED module installed in the luminaire provides the necessary information. The LED modules can easily be replaced using standard tools. In this way we guarantee the long-term and cost-effective further operation of our LED luminaires.

The light colour is defined by the term colour temperature, which is measured in Kelvin (K). We offer the luminaires in this catalogue in 3000K, which means a pleasant warm white light colour. Unlike conventional lights, LEDs emit the light in the predefined direction like mini-floodlights. The luminous efficiency of LED is thus significantly higher compared to other lamps. If we compare a 6.5W LED with a 33W halogen lamp, we need only 20 percent of the connected load for the same amount of light. Calculated on the basis of the minimum service life of the LED, the total costs for the replacement of the halogen lamp plus energy costs are more than six times as much. In figures, for 50,000 operating hours, the LED costs about 65 (Euro) and the 33W halogen lamp about 410 (Euro).

For five hours of daily use, the 50,000 operating hours correspond to a service life of more than 25 years.



## LED wall luminaires with directed light

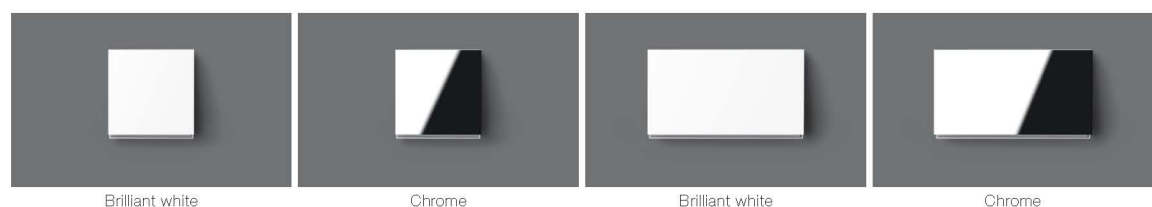
These clear, linear wall luminaires with compact dimensions and shallow projection offer safe orientation for entrance situations, stairs or narrow halls. Thanks to two versions of different lengths and different light outputs, they meet a large number of lighting requirements.

Luminaires that are suitable for different installation heights. They can be used at low levels as location luminaires, and at higher levels as accentuation for wall surfaces.

The luminaire housing made of die cast aluminium is available either with a chrome plated surface or with brilliant white enamel, thus allowing it to fit harmoniously into any interior design.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white light colour. Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9. All technical data are given in the instructions for use for these luminaires.





### LED wall luminaires

- Lighting technology: Luminaires with directed light with LED · Integral power supply unit  
Colour temperature 3000K, corresponds to warm white
- Installation: 7052 · 6717 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>  
7047 · 6675 1 cable entry  
Connecting terminal 3x2.5<sup>□</sup>
- Material: Crystal glass, frosted  
Luminaire housing made of die cast aluminium
- Surface finish options: • Brilliant white enamel, similar to RAL 9003  
• Chrome



Brilliant white						
	Lamp		Lumen	A	B	C
<b>7047</b>	LED	3.3 W	250	90	100	54
<b>7052</b>	LED	6.6 W	500	175	100	54
Chrome						
	Lamp		Lumen	A	B	C
<b>6675</b>	LED	3.3 W	250	90	100	54
<b>6717</b>	LED	6.6 W	500	175	100	54



## Recessed wall luminaires with LED or for energy-saving halogen lamps

Luminaires that seem to be made of glass only: solid, expertly hand-crafted crystal glass creates impressive, multi-faceted light graphics, illuminating not only the room but also the installation surface. The glass, which is white on the inside, ensures a pleasant light ambience, without glare.

In halls, staircases and wherever shallow projection is required, these luminaires are ideal.

They are dust-tight luminaires protected from water spray, which are suitable for use in bathrooms and wet rooms and which meet the VDE regulations for such rooms. Depending on the nature of the wall, an installation housing may be practical for installation. If the brickwork or concrete wall is to be subsequently plastered, the use of a plaster frame is recommended. The recessed housing and the plaster frame are available separately as accessories.

Technical data, page 64.

Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9.

All technical data can be found in the instructions for use for these luminaires.



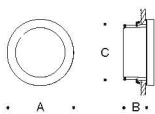


Recessed housing

Plaster frame

### Wandeinbauleuchten

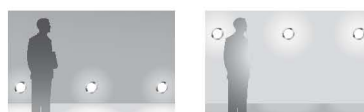
- Lighting technology: Luminaires with unshielded light  
with LED or for halogen lamps  
8904 with LED · Integral power supply unit  
Colour temperature 3000K,  
corresponds to warm white
- Installation: 2 cable entries · Connecting terminal 3x2.5<sup>□</sup>
- Protection class: IP 65
- Material: Crystal glass, inside white, with thread  
Luminaire housing made of die cast aluminium
- Accessories: Recessed housing and plaster frame  
Technical data Page 64



	Lamp		Base	Lumen	A	B	C
<b>8904</b>	LED	3.2 W	—	245	130	115	120
<b>8902</b>	1 QT 14	33.0 W	G 9	460	130	115	120



## LED ceiling and recessed wall luminaires



Ceiling and recessed wall luminaires for a large number of indoor lighting tasks.

In halls, staircases or narrow rooms and wherever illumination with shallow projection is expedient, these luminaires are a good choice.

On account of their high protection class against dust and water spray, they are also ideal for bathrooms and wet rooms, and meet the VDE regulations for such rooms.

This family is characterised by high-quality solid crystal glass and frames with finishes either in stainless steel, polished aluminium or white enamel, thus allowing individual accents in interior design.

Depending on the nature of the wall or ceiling, an installation housing may be practical for installation.

If the brickwork or concrete wall is to be subsequently plastered, the use of a plaster frame is recommended.

The recessed housing and the plaster frame are available separately as accessories. Technical data, page 64. Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9.

All technical data can be found in the instructions for use for these luminaires.





### LED recessed wall and ceiling luminaires

Lighting technology: Luminaires with unshielded light with LED · Integral power supply unit  
Colour temperature 3000 K, corresponds to warm white

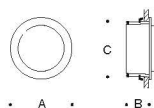
Installation: 2 cable entries  
Connecting terminal 3 x 2.5 mm<sup>2</sup>

Protection class: IP 65

Material: Crystal glass, inside white  
Luminaire housing made of die cast aluminium

Accessories: Recessed housing and plaster frame  
Technical data Page 64

Finish: Sealing ring finish options  
• White enamel, RAL 9010  
• Stainless steel  
• Polished aluminium



White					
	Lamp	Lumen	A	B	C
<b>6879</b>	LED 3.2 W	245	130	115	120
Stainless steel					
	Lamp	Lumen	A	B	C
<b>6880</b>	LED 3.2 W	245	130	115	120
Polished aluminium					
	Lamp	Lumen	A	B	C
<b>6881</b>	LED 3.2 W	245	130	115	120



## LED Ceiling luminaires · Downlights



This compact downlight with integral LED is especially characterised by its shallow projection. Approx. 20mm solid expertly manufactured partially frosted crystal glass with thread and impressive, multi-faceted light graphics are typical of these luminaires. Partial frosting of the glass prevents glare and also creates a pleasantly uniform light distribution. The flat cylindrical luminaire housing made of aluminium is available in two sizes with a polished finish or brilliant white enamel.

LED luminaires that combine valuable appeal with high-quality lighting technology. Unlike conventional lights, LEDs emit the majority of the light in the right direction like mini-floodlights. In spite of having the same lumen ratings, the luminous efficiency is significantly higher than with conventional lamps. Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9.

All technical data can be found in the instructions for use for these luminaires.



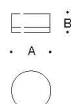
Polished aluminium

Brilliant white



#### LED Ceiling luminaires · Downlights

- Lighting technology: Luminaires with unshielded light with LED · Integral power supply unit  
Colour temperature 3000 K, corresponds to warm white
- Installation: 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>
- Material: Crystal glass, inside white, with thread  
Reflector made of pure anodized aluminium  
Luminaire housing made of metal
- Surface finish options: • Brilliant white enamel, similar to RAL 9003  
• Polished aluminium



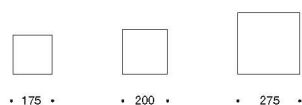
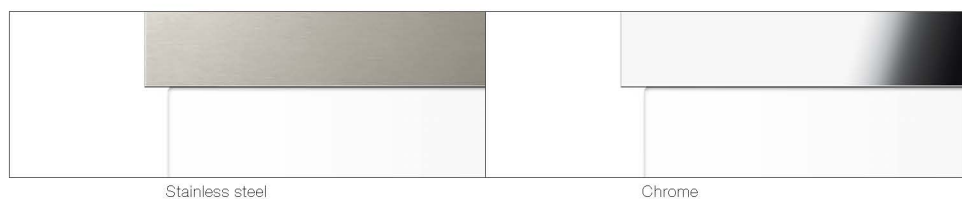
Brilliant white					
	Lamp		Lumen	A	B
<b>6913</b>	LED	6.5 W	400	120	70
<b>6914</b>	LED	9.0 W	720	140	80
Polished aluminium					
	Lamp		Lumen	A	B
<b>6695</b>	LED	6.5 W	400	120	70
<b>6696</b>	LED	9.0 W	720	140	80



## Ceiling and wall luminaires for fluorescent and energy-saving halogen lamps

A classic with a contemporary interpretation. These square luminaires prove fascinating through their linear form language and their simple austerity. The hand-blown three-ply opal glass creates a uniform light emission and – as single luminaires or in series – offers a pleasant lighting atmosphere. Light bricks which fit into all styles of interior design as good construction details.

The precise metal housing is available with the high-quality surface finish stainless steel or shining chrome, and allows perfect coordination with existing or planned interior details. On account of the IP 44 protection class, the luminaires are also suitable for use in bathrooms and wet rooms, and meet the VDE regulations for such rooms. All technical data can be found in the instructions for use for these luminaires.



### Ceiling and wall luminaires

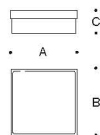
**Lighting technology:** Luminaires with unshielded light for fluorescent lamps and halogen lamps. Luminaires for fluorescent lamps have integral electronic ballasts. Luminaires for 42 W fluorescent lamps can also be operated with 26 oder 32 W lamps.

**Installation:** 2 cable entries  
Connecting terminal 3 x 2.5<sup>□</sup>

**Protection class:** IP 44

**Material:** Hand-blown opal glass, satin matt  
Luminaire housing made of aluminium

**Surface finish options:** • Stainless steel  
• Chrome



Stainless steel							
	Lamp	Base	Lumen	A	B	C	
<b>8741</b>	1 TC-TELI 26 W	GX24 q-3	1800	200	200	90	
<b>8742</b>	1 TC-TELI 42 W	GX24 q-3/4	3200	275	275	95	
<b>8738</b>	1 QT 14 48 W	G 9	740	175	175	70	
<b>1954</b>	1 QT 14 60 W	G 9	980	200	200	90	

Chrome							
	Lamp	Base	Lumen	A	B	C	
<b>8746</b>	1 TC-TELI 26 W	GX24 q-3	1800	200	200	90	
<b>8747</b>	1 TC-TELI 42 W	GX24 q-3/4	3200	275	275	95	
<b>8743</b>	1 QT 14 48 W	G 9	740	175	175	70	
<b>1969</b>	1 QT 14 60 W	G 9	980	200	200	90	





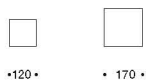
## Ceiling and wall luminaires for fluorescent and energy-saving halogen lamps

The cube – with a contemporary interpretation. Fascination through the linear form language and simple austerity. The hand-blown three-ply opal glass creates a uniform light emission and – as single luminaires or in series – offers a pleasant lighting atmosphere. Light bricks which fit into all styles of interior design as good construction details.

The precise metal housing is available with the high-quality surface finish stainless steel or shining chrome, and allows perfect coordination with existing or planned interior details.

On account of the IP 44 protection class, the luminaires are also suitable for use in bathrooms and wet rooms, and meet the VDE regulations for such rooms.

All technical data can be found in the instructions for use for these luminaires.



### Ceiling and wall luminaires

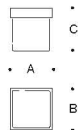
Lighting technology: Luminaires with unshielded light for fluorescent lamps and halogen lamps. Luminaires for fluorescent lamps have integral electronic ballasts.

Installation: 2 cable entries  
Connecting terminal 3x2,5<sup>□</sup>

Protection class: IP 44

Material: Hand-blown opal glass, satin matt  
Luminaire housing made of aluminium

Surface finish options: • Stainless steel  
• Chrome



Stainless steel								
	Lamp		Base	Lumen	A	B	C	
<b>8964</b>	1	TC-TELI 26 W	GX24 q-3	1800	170	170	185	
<b>7944</b>	1	QT 14 33 W	G 9	460	120	120	135	
<b>7946</b>	1	QT 14 60 W	G 9	980	170	170	185	

Chrome								
	Lamp		Base	Lumen	A	B	C	
<b>8965</b>	1	TC-TELI 26 W	GX24 q-3	1800	170	170	185	
<b>7960</b>	1	QT 14 33 W	G 9	460	120	120	135	
<b>7962</b>	1	QT 14 60 W	G 9	980	170	170	185	



#### Ceiling and wall luminaires for lamps with screw base E 14 • E 27



These classic luminaires are suitable as ceiling and as wall luminaires. They are impressive because of their combination of clear design and versatility. They are perfect design elements for numerous room situations. Luminaires with hand-blown, three-ply opal glass for pleasantly soft light distribution. On account of their high protection class against dust and water spray, they are also ideal for bathrooms and wet rooms, and meet the VDE regulations for such rooms.

Depending on their size, the luminaires are fitted with screw base E 14 or E 27. For luminaires with E 14 and E 27 screw bases, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps. The range of lamps for such bases has increased considerably over the last few years.

You will find an overview of the energy-saving lamps for these bases on Page 66.

You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.



### Ceiling and wall luminaires

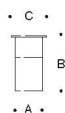
Lighting technology: Luminaires with unshielded light for lamps with screw base E 14 · E 27

Installation: 7568 · 7580 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>  
The electrical connection is made using a convenient plug connection.  
7567 · 7579 1 cable entry  
Connecting terminals 3x2.5<sup>□</sup>

Protection class: IP 64

Material: Hand-blown opal glass with thread

Surface finish options: • White enamel, RAL 9010  
• Stainless steel



White							
	Lamp		Base	Lumen	A	B	C
<b>7567</b>	1 lamp	40 W	E 14	400	70	165	90
<b>7568</b>	1 lamp	60 W	E 27	710	95	190	120
Stainless steel							
	Lamp		Base	Lumen	A	B	C
<b>7579</b>	1 lamp	40 W	E 14	400	70	165	90
<b>7580</b>	1 lamp	60 W	E 27	710	95	190	120



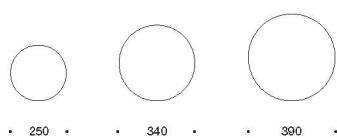
## Ceiling and wall luminaires for fluorescent lamps, energy-saving halogen lamps and lamps with screw base E 27

Interpretation of a classic. These timeless luminaires are indispensable companions for stylish interior design. The high-quality hand-blown satin matt opal glass is held by the exquisite luminaire housing.

On account of the IP 44 protection class, the luminaires are also suitable for use in bathrooms and wet rooms, and meet the VDE regulations for such rooms.

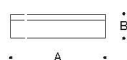
Luminaires in three sizes for fluorescent, energy-saving halogen and screw fitting E 27 lamps. For extremely uniform illumination we recommend the luminaires for the TC-TELI fluorescent lamps and the energy-saving QT 14 halogen lamps that are specified in the table. For luminaires with an E 27 screw fitting, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps. There are many different lamps for the screw base E 27 nowadays, such as LED lamps, energy-saving halogen lamps and fluorescent lamps. Depending on the type of lamp and the manufacturer, the glass elements of the luminaires can be illuminated in different ways. You will find an overview of the energy-saving lamps for these bases on Page 66. You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.





#### Ceiling and wall luminaires

- Lighting technology:** Luminaires with unshielded light for fluorescent lamps, halogen lamps and lamps with screw base E 27  
Luminaires for fluorescent lamps with integral electronic ballasts
- Installation:** 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>
- Protection class:** IP 44
- Material:** Hand-blown opal glass, satin matt, with sliding bolt closure  
Luminaire housing made of metal
- Surface finish options:**
- White enamel, RAL 9010
  - Stainless steel
  - Chrome



White							
	Lamp		Base	Lumen	A	B	
<b>8993</b>	1 TC-TELI	26 W	GX24 q-3	1800	250	80	
<b>8911</b>	2 TC-TELI	26 W	GX24 q-3	3600	340	90	
<b>8992</b>	1 QT 14	60 W	G 9	980	250	80	
<b>8909</b>	3 lamps	60 W	E 27	2130	390	100	
Stainless steel							
	Lamp		Base	Lumen	A	B	
<b>8989</b>	1 TC-TELI	26 W	GX24 q-3	1800	250	80	
<b>8893</b>	2 TC-TELI	26 W	GX24 q-3	3600	340	90	
<b>8988</b>	1 QT 14	60 W	G 9	980	250	80	
<b>8891</b>	3 lamps	60 W	E 27	2130	390	100	
Chrome							
	Lamp		Base	Lumen	A	B	
<b>8991</b>	1 TC-TELI	26 W	GX24 q-3	1800	250	80	
<b>8899</b>	2 TC-TELI	26 W	GX24 q-3	3600	340	90	
<b>8990</b>	1 QT 14	60 W	G 9	980	250	80	
<b>8897</b>	3 lamps	60 W	E 27	2130	390	100	



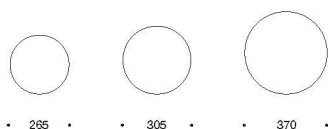
## Ceiling and wall luminaires for fluorescent lamps, energy-saving halogen lamps and lamps with screw base E 27

Luminaires for ceiling and wall, with hand-blown satin matt opal glass elements and precision luminaire housings. This luminaire series is characterised by the choice of different metal finishes, lamp types and light outputs and the extremely shallow projection. Sustainable and reliable lighting tools with which many interior planning and project tasks can be solved.

On account of the IP 64 protection class, the luminaires are also suitable for use in bathrooms and wet rooms, and meet the VDE regulations for such rooms.

Luminaires in three sizes for fluorescent, energy-saving halogen and screw fitting E 27 lamps. Depending on the type of lamp and the manufacturer, the glass elements of the luminaire can be illuminated in different ways. For extremely uniform illumination we recommend the luminaires for the TC-TELI fluorescent lamps and the energy-saving QT 14 halogen lamps that are specified in the table. For luminaires with an E 27 screw fitting, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps. There are many different lamps for the screw base E 27 nowadays, such as LED lamps, energy-saving halogen lamps and fluorescent lamps. You will find an overview of the energy-saving lamps for these bases on Page 66.

You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.



#### Ceiling and wall luminaires

**Lighting technology:** Luminaires with unshielded light for fluorescent lamps, halogen lamps and lamps with screw base E 27  
Luminaires for fluorescent lamps with integral electronic ballasts

**Installation:** 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>

**Protection class:** IP 64

**Material:** Hand-blown opal glass, satin matt, with thread  
Luminaire housing made of metal

**Surface finish options:**

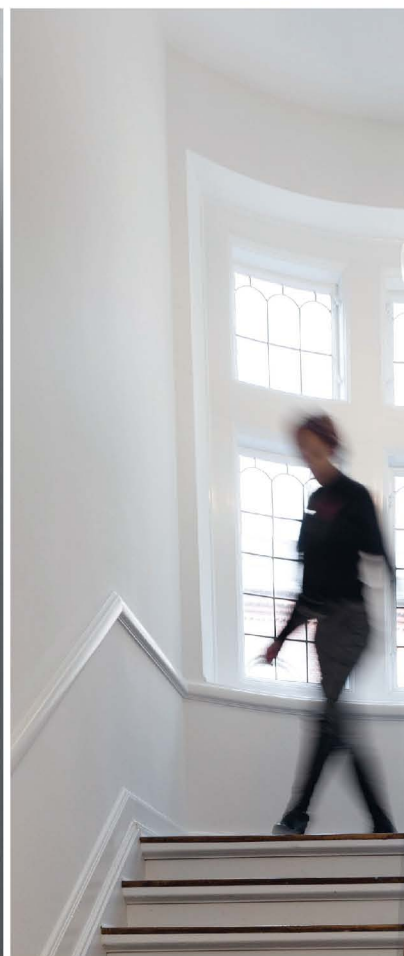
- White enamel, RAL 9010
- White aluminium enamel, RAL 9006
- Polished aluminium



White						
	Lamp		Base	Lumen	A	B
<b>6857</b>	1 TC-TELI	26 W	GX24 q-3	1800	265	75
<b>6854</b>	1 QT 14	60 W	G 9	980	265	75
<b>6855</b>	2 lamps	60 W	E 27	1420	305	85
<b>6856</b>	3 lamps	60 W	E 27	2130	370	90

White aluminium						
	Lamp		Base	Lumen	A	B
<b>8963</b>	1 TC-TELI	26 W	GX24 q-3	1800	265	75
<b>8772</b>	1 QT 14	60 W	G 9	980	265	75
<b>8773</b>	2 lamps	60 W	E 27	1420	305	85
<b>8774</b>	3 lamps	60 W	E 27	2130	370	90

Polished aluminium						
	Lamp		Base	Lumen	A	B
<b>6707</b>	1 TC-TELI	26 W	GX24 q-3	1800	265	75
<b>6704</b>	1 QT 14	60 W	G 9	980	265	75
<b>6705</b>	2 lamps	60 W	E 27	1420	305	85
<b>6706</b>	3 lamps	60 W	E 27	2130	370	90

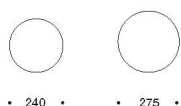


## Ceiling and wall luminaires for fluorescent lamps and lamps for screw base E 27

Classic ceiling and wall luminaires which fit into many styles of interior design as good construction details. The convex glass unit made of hand-blown opal glass has a satin matt finish. This creates a particularly uniform unshielded light distribution. The different finishes of the luminaire housing allow perfect coordination with existing or planned interior details. On account of the IP 44 protection class, the luminaires are also suitable for use in bathrooms and wet rooms, and meet the VDE regulations for such rooms.

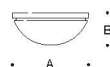
Luminaires in two sizes for fluorescent lamps and lamps with screw base E 27. Depending on the type of lamp and the manufacturer, the glass elements of the luminaire can be illuminated in different ways. For extremely uniform illumination we recommend the luminaires for the TC-TELI fluorescent lamps that are specified in the table. For luminaires with an E 27 screw fitting, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps. There are many different lamps for the screw base E 27 nowadays, such as LED lamps, energy-saving halogen lamps and fluorescent lamps. You will find an overview of the energy-saving lamps for these bases on Page 66.

You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.



#### Ceiling and wall luminaires

- Lighting technology: Luminaires with unshielded light for fluorescent lamps and lamps with screw base E 27  
Luminaires for fluorescent lamps with integral electronic ballasts
- Installation: 1 cable entry · Connecting terminal 3x2.5<sup>□</sup>
- Protection class: IP 44
- Material: Hand-blown opal glass, satin matt, with sliding bolt closure  
Luminaire housing made of die cast aluminium
- Surface finish options: • White enamel, RAL 9010  
• Stainless steel  
• Chrome



White						
	Lamp		Base	Lumen	A	B
<b>6974</b>	1	TC-TELI 18 W	GX24 q-2	1200	240	110
<b>6975</b>	1	TC-TELI 26 W	GX24 q-3	1800	275	125
<b>6968</b>	1 lamp	75 W	E 27	935	240	110
<b>6969</b>	1 lamp	100 W	E 27	1340	275	125

Stainless steel						
	Lamp		Base	Lumen	A	B
<b>6938</b>	1	TC-TELI 18 W	GX24 q-2	1200	240	110
<b>6939</b>	1	TC-TELI 26 W	GX24 q-3	1800	275	125
<b>6932</b>	1 lamp	75 W	E 27	935	240	110
<b>6933</b>	1 lamp	100 W	E 27	1340	275	125

Chrome						
	Lamp		Base	Lumen	A	B
<b>6950</b>	1	TC-TELI 18 W	GX24 q-2	1200	240	110
<b>6951</b>	1	TC-TELI 26 W	GX24 q-3	1800	275	125
<b>6944</b>	1 lamp	75 W	E 27	935	240	110
<b>6945</b>	1 lamp	100 W	E 27	1340	275	125



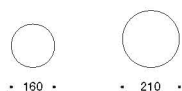
## LED ceiling and wall luminaires

Compact and high-performance LED luminaires with unshielded light which are suitable as wall and ceiling luminaires. Elegant luminaire housings without any visible screwed mounts. A die cast aluminium housing with three different finishes, the solid crystal glass and the LED technology used make these luminaires durable and cost-effective companions in interior design. The different finishes of the luminaire housing allow perfect coordination with existing or planned interior details.

On account of their high protection class against dust and water spray, they are also ideal for bathrooms and wet rooms, and meet the VDE regulations for such rooms. Cost-effective luminaires thanks to modern LED technology with a warm white light colour. Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9. All technical data are given in the instructions for use for these luminaires.







#### LED ceiling and wall luminares

- Lighting technology: with LED · Integral power supply unit  
Colour temperature 3000K, corresponds to warm white
- Installation: 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>
- Protection class: IP 65
- Material: Crystal glass, inside white  
Luminaire housing made of die cast aluminium
- Surface finish options: • White enamel, RAL 9010  
• Stainless steel  
• Chrome



White					
	Lamp		Lumen	A	B
<b>2197</b>	LED	6.0 W	515	160	65
<b>2198</b>	LED	9.6 W	825	210	70
Stainless steel					
	Lamp		Lumen	A	B
<b>2205</b>	LED	6.0 W	515	160	65
<b>2206</b>	LED	9.6 W	825	210	70
Chrome					
	Lamp		Lumen	A	B
<b>2210</b>	LED	6.0 W	515	160	65
<b>2211</b>	LED	9.6 W	825	210	70



## Ceiling and wall luminaires for fluorescent and energy-saving halogen lamps

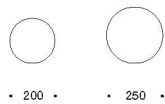
This series of luminaires is the beginning of a new chapter on the subject of "Light and Glass". Our goal was to construct efficient luminaires that appear to be all glass.

The white inner body of the glass appears to be embedded in clear crystal glass. This embedding provides pleasantly soft light with a brilliant shining effect. The luminaires generate their own light graphics and appear to float without a housing. Metal elements that are carefully incorporated into the glass close off the lamp compartment using a reliable sliding bolt closure.

The lamp is extremely easy to install and replace.

As individual luminaires or arranged in a formation, this "Light made from glass" series enhances the lighting of any interior. All technical data can be found in the instructions for use for these luminaires.



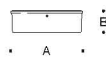


#### Ceiling and wall luminaires

Lighting technology: Luminaires with unshielded light for fluorescent lamps and halogen lamps. Luminaires for fluorescent lamps have integral electronic ballasts.

Installation: 1 cable entry · Connecting terminal 3x2.5<sup>□</sup>

Material: Crystal glass, inside white  
Luminaire housing made of metal  
White enamel, RAL 9010



	Lamp	Base	Lumen	A	B
<b>6715</b>	1 TC-TELI 26 W	GX24 q-3	1800	250	85
<b>6714</b>	1 QT 14 48 W	G 9	740	200	75



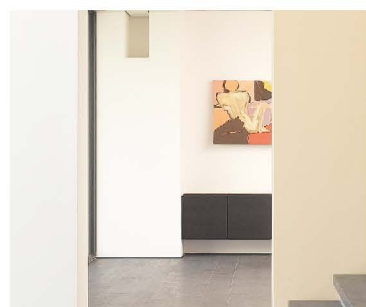
# Unshielded wall luminaires for fluorescent lamps and energy-saving halogen lamps

The optical lightness of the product makes the luminaire seem to float in front of the wall. Expertly hand-crafted, extremely solid crystal glass is the only visible component of this luminaire series.

The white inner body of the glass appears to be embedded in clear crystal glass. This kind of blending provides a pleasantly gentle light with brilliant shining effects on the glass edges.

Luminaires for operating energy-saving fluorescent and halogen lamps for economical and efficient light. Individually or in groups, they are minimalist light design elements of interior design.

All technical data can be found in the instructions for use for these luminaires.



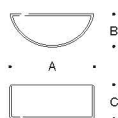


#### Unshielded wall luminaires

Lighting technology: Luminaires with unshielded light for fluorescent lamps and halogen lamps. Luminaires for fluorescent lamps have integral electronic ballasts.

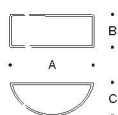
Installation: 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>  
8660 · 8666 1 cable entry  
Connecting terminal 3x2.5<sup>□</sup>

Material: Crystal glass, inside white  
Metal fitting  
White enamel, RAL 9010



Wall luminaires · Fig. on page 35

	Lamp	Base	Lumen	A	B	C
<b>8666</b>	1 TC-TELI 26 W	GX 24 q-3	1800	255	110	110
<b>8667</b>	1 TC-TELI 32 W	GX 24 q-3	2400	290	140	110



Wall luminaires · Fig. on page 34

	Lamp	Base	Lumen	A	B	C
<b>8660</b>	1 TC-TELI 18 W	GX 24 q-2	1200	230	95	105
<b>8661</b>	1 TC-TELI 26 W	GX 24 q-3	1800	270	110	115
<b>8662</b>	1 TC-TELI 42 W	GX 24 q-4	3200	320	130	115
<b>8644</b>	1 QT 14 33 W	G 9	460	230	95	105
<b>8646</b>	1 QT 14 48 W	G 9	740	270	110	115
<b>8648</b>	1 QT 14 60 W	G 9	980	320	130	115



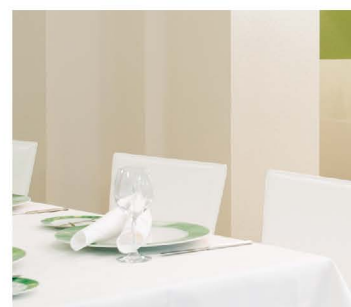
## Wall luminaires for energy-saving halogen lamps

Expertly hand-crafted, extremely solid crystal glass is the only visible component of this luminaire series.

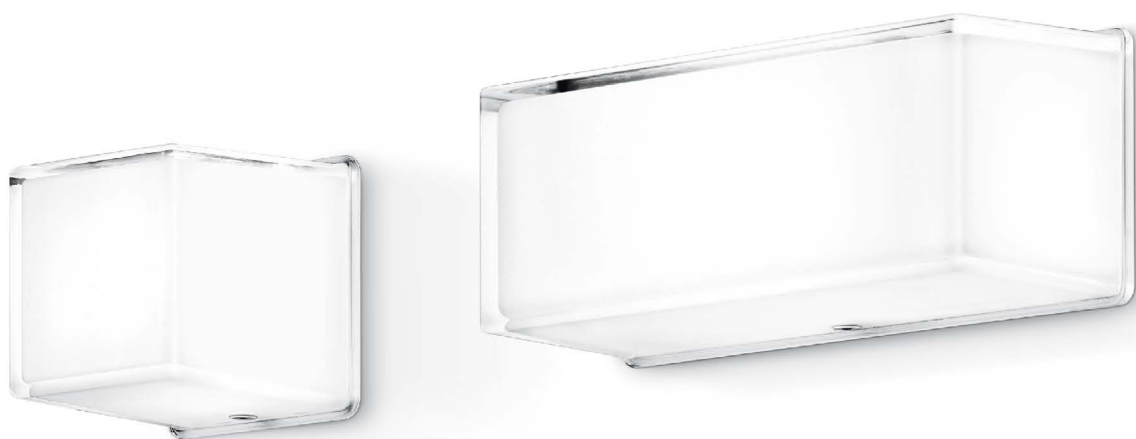
The white inner body of the glass appears to be embedded in clear crystal glass. This kind of blending provides a pleasantly gentle light with brilliant shining effects on the glass edges.

Luminaires for operating energy-saving halogen lamps for economical and efficient light. Individually or in groups, they are the minimalist light design elements of interior design.

All technical data can be found in the instructions for use for these luminaires.





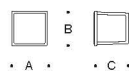


### Wall luminaires

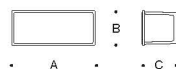
Lighting technology: Luminaires with unshielded light for halogen lamps

Installation: 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>

Material: Crystal glass, inside white  
Metal fitting  
White enamel, RAL 9010



Cube								
	Lamp		Base	Lumen	A	B	C	
<b>8580</b>	1 QT 14	33 W	G 9	460	100	100	100	
<b>8581</b>	1 QT 14	48 W	G 9	740	135	135	130	



Block								
	Lamp		Base	Lumen	A	B	C	
<b>8638</b>	1 QT 14	33 W	G 9	460	235	100	100	
<b>8640</b>	1 QT 14	48 W	G 9	740	275	115	110	
<b>8642</b>	1 QT 14	60 W	G 9	980	320	135	115	



# Unshielded wall luminaires for energy-saving halogen lamps

Luminaires with impressive multi-faceted light graphics on the wall. Partial frosting on the inside effectively suppresses the glare from the direct light of the halogen lamp and deflects the majority of the light through the crystal glass onto the wall. Highly polished stainless steel reflectors inside the luminaires reinforce the unmistakable brilliant effect of the light.

Luminaires with clear shapes for festive light and a stylish light atmosphere. All technical data can be found in the instructions for use for these luminaires.



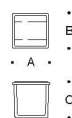


## Wall luminaires

Lighting technology: Luminaires with unshielded light for halogen lamps

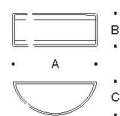
Installation: 2 cable entries  
Connecting terminal 3x2.5<sup>□</sup>  
8397 · 8393 1 cable entry  
Connecting terminal 3x2.5<sup>□</sup>

Material: Crystal glass, partially frosted on the inside,  
with reflector mirror made of highly polished stainless steel  
Metal fitting  
White aluminium enamel, RAL 9006



Wall luminaires · Fig. on page 39

	Lamp		Base	Lumen	A	B	C
<b>8397</b>	1	QT 14 33 W	G 9	460	100	100	100
<b>8398</b>	1	QT 14 48 W	G 9	740	135	135	130



Wall luminaires · Fig. on page 38

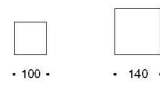
	Lamp		Base	Lumen	A	B	C
<b>8393</b>	1	QT 14 33 W	G 9	460	230	95	105
<b>8394</b>	1	QT 14 48 W	G 9	740	270	110	115
<b>8395</b>	1	QT 14 60 W	G 9	980	320	130	115



Unshielded wall luminaires  
for energy-saving halogen lamps

Wall luminaires in two sizes for energy-saving halogen lamps. Luminaires that are impressive because of their pleasant, effective light graphics. Barely visible glass holders support valuable luminaire glass with gracious lightness. Hand-blown, three-ply opal glass, in which a wafer-thin layer of opal glass is enclosed between two crystal glass layers, diffuses the light softly and uniformly. High-quality luminaires and durable interior architecture design elements. All technical data can be found in the instructions for use for these luminaires.





# Unshielded wall luminaires

Lighting technology: Luminaires with unshielded light for halogen lamps

Mounting: Installation surface 80x30 mm

Installation: Connecting terminal 3x2.5<sup>□</sup>

Material: Hand-blown opal glass, satin matt  
Metal fitting

Finish: Stainless steel



	Lamp		Base	Lumen	A	B	C
<b>8449</b>	1 QT 14	48 W	G 9	740	100	100	135
<b>8450</b>	1 QT 14	48 W	G 9	740	140	140	175



## LED wall luminaires with two-sided light output

These LED wall luminaires catch the eye thanks to their compact dimensions and the effective interplay of exquisite luminaire housings and crystal glass. The two-ply crystal-opal glass elements create a pleasantly soft light. The visibly projecting polished glass edges have a brilliant accentuating effect. A die cast aluminium housing with two different finishes and the LED technology used make these luminaires durable and cost-effective companions in interior design. The different finishes of the luminaire housing allow perfect coordination with existing or planned interior details.

Cost-effective luminaires thanks to modern LED technology with a warm white light colour. Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9.

All technical data are given in the instructions for use for these luminaires.

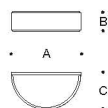






#### LED wall luminaires with two-sided light output

- Lighting technology: Luminaires with integral power supply unit with LED · Colour temperature 3000 K, corresponds to warm white
- Installation: 2 cable entries · Connecting terminal 3x2,5<sup>□</sup>
- Material: Two-ply crystal opal glass, polished  
Luminaire housing made of die cast aluminium
- Surface finish options: • Stainless steel  
• Chrome



##### Stainless steel

	Lamp	Lumen	A	B	C
<b>2237</b>	LED 7.8 W	525	200	60	120
<b>2239</b>	LED 11.7 W	785	300	60	140

##### Chrome

	Lamp	Lumen	A	B	C
<b>2104</b>	LED 7.8 W	525	200	60	120
<b>2125</b>	LED 11.7 W	785	300	60	140

Stainless steel



Chrome



Unshielded wall luminaires  
for lamps with screw base E 14

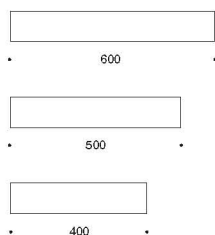


Unshielded wall luminaires in three sizes. Luminaires with hand-blown, three-ply opal glass for pleasantly soft and uniform light distribution. The precise metal housing is available with the finishes white or shining chrome, and allows perfect coordination with existing or planned interior details. These are luminaires for a host of applications. The luminaires can be installed in a horizontal or vertical position.

On account of the IP 44 protection class, the luminaires are also suitable for use in bathrooms and wet rooms, and meet the VDE regulations for such rooms. There are many different lamps for the screw base E 14 nowadays, such as LED lamps, energy-saving halogen lamps and fluorescent lamps. Depending on the type of lamp and the manufacturer, the glass elements of the luminaires can be illuminated in different ways. For luminaires with an E 14 screw fitting, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps.

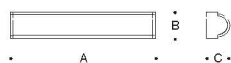
You will find an overview of the energy-saving lamps for these bases on Page 66. You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.





### Wall luminaires

- Lighting technology: Luminaires with unshielded light for lamps with screw base E 14
- Protection class: IP 44
- Installation: 1 cable entry · Connecting terminals 3x2.5<sup>□</sup>
- Material: Hand-blown opal glass, satin matt  
Luminaire housing made of die cast aluminium and aluminium
- Surface finish options: • White enamel, RAL 9010  
• Chrome



#### White

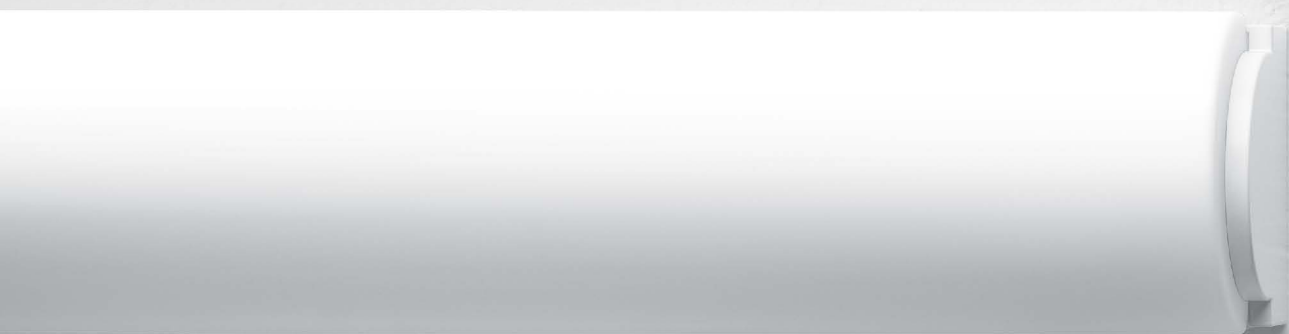
	Lamp		Base	Lumen	A	B	C
<b>7469</b>	2 lamps	40 W	E 14	800	400	90	80
<b>7147</b>	3 lamps	40 W	E 14	1200	500	90	80
<b>7148</b>	4 lamps	40 W	E 14	1600	600	90	80

#### Chrome

	Lamp		Base	Lumen	A	B	C
<b>7471</b>	2 lamps	40 W	E 14	800	400	90	80
<b>7155</b>	3 lamps	40 W	E 14	1200	500	90	80
<b>7156</b>	4 lamps	40 W	E 14	1600	600	90	80



## Unshielded wall luminaires for lamps with screw base E 14

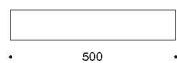


Unshielded wall luminaires in three sizes. Luminaires with hand-blown, three-ply opal glass for pleasantly soft and uniform light distribution. These are luminaires for a host of applications. The luminaires can be installed in a horizontal or vertical position.

Optionally, we can supply these luminaires with integral safety socket. There are many different lamps for the screw base E 14 nowadays, such as LED lamps, energy-saving halogen lamps and fluorescent lamps. Depending on the type of lamp and the manufacturer, the glass elements of the luminaires can be illuminated in different ways. For luminaires with an E 14 screw fitting, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps.

You will find an overview of the energy-saving lamps for these bases on Page 66. You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.





### Unshielded wall luminaires

Lighting technology: Luminaires with unshielded light  
for lamps with screw base E 14

Installation: 1 cable entry · Connecting terminal 3x2.5<sup>□</sup>  
Luminaires with integral switch  
3710 · 3711 · 3712  
with integral safety socket

Protection class: IP 20

Material: Hand-blown opal glass, satin matt  
Luminaire housing made of aluminium  
and die cast aluminium  
White enamel, RAL 9010



	Lamp		Base	Lumen	A	B	C
<b>3628</b>	2 lamps	40 W	E 14	800	300	90	75
<b>3629</b>	3 lamps	40 W	E 14	1200	400	90	75
<b>3630</b>	3 lamps	40 W	E 14	1200	500	90	75

#### With safety socket

	Lamp		Base	Lumen	A	B	C
<b>3710</b>	2 lamps	40 W	E 14	800	335	90	75
<b>3711</b>	3 lamps	40 W	E 14	1200	435	90	75
<b>3712</b>	3 lamps	40 W	E 14	1200	535	90	75



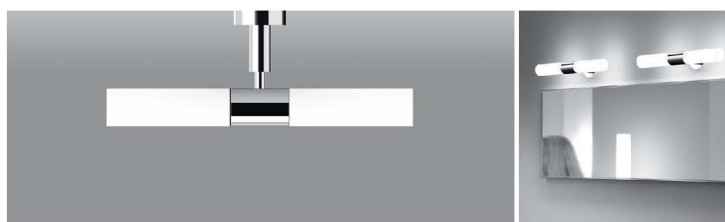
## Unshielded wall luminaires for energy-saving halogen lamps



Cylindrical luminaires in three designs. Optionally available as single or double luminaires for vertical installation, or as double luminaires for horizontal installation.

These are high-quality luminaires with a die cast metal housing and hand-blown opal glass. The metal housings are available with the finishes stainless steel or shining chrome, and allow perfect coordination with existing or planned interior details.

The precise, satin matt glass elements diffuse the unshielded light uniformly, gently and without glare. Linear luminaires which are impressive thanks to their classic form language and their simple austerity. On account of the IP 44 protection class, the luminaires are also suitable for use in bathrooms and wet rooms, and meet the VDE regulations for such rooms. All technical data can be found in the instructions for use for these luminaires.



Wall luminaires for **horizontal** installation • Fig. above

S/steel	Lamp	Base	Lumen	A	B	C	D
<b>6998</b>	2 QT 14 33 W	G 9	920	50	400	160	70
<b>8601</b>	2 QT 14 48 W	G 9	1480	60	500	170	70

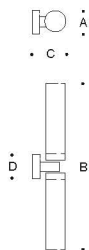
Chrome	Lamp	Base	Lumen	A	B	C	D
<b>6999</b>	2 QT 14 33 W	G 9	920	50	400	160	70
<b>8600</b>	2 QT 14 48 W	G 9	1480	60	500	170	70





### Wall luminaires

- Lighting technology: Luminaires with unshielded light for halogen lamps
- Installation: 1 cable entry · Connecting terminal 3x2,5<sup>□</sup>
- Protection class: IP 44
- Material: Hand-blown opal glass, satin matt, with thread  
Luminaire housing made of die cast metal
- Surface finish options: • Stainless steel  
• Chrome

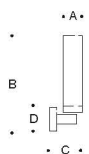


Wall luminaires for **vertical** installation · Fig. Page 49

S/steel	Lamp	Base	Lumen	A	B	C	D
<b>6841</b>	2 QT 14 33 W	G 9	920	50	400	95	70
<b>8375</b>	2 QT 14 48 W	G 9	1480	60	500	100	70

Chrome	Lamp	Base	Lumen	A	B	C	D
<b>6842</b>	2 QT 14 33 W	G 9	920	50	400	95	70
<b>8374</b>	2 QT 14 48 W	G 9	1480	60	500	100	70



Wall luminaires for **vertical** installation · Fig. Page 48

S/steel	Lamp	Base	Lumen	A	B	C	D
<b>6992</b>	1 QT 14 33 W	G 9	460	50	235	95	70
<b>6993</b>	1 QT 14 48 W	G 9	740	60	285	100	70

Chrome	Lamp	Base	Lumen	A	B	C	D
<b>6994</b>	1 QT 14 33 W	G 9	460	50	235	95	70
<b>6995</b>	1 QT 14 48 W	G 9	740	60	285	100	70





## LED pendant luminaires with rod suspension

LED pendant luminaires with rod suspension in two sizes, in the form of a hemisphere. A balanced design and an exciting combination of materials. Die cast metal housing with chrome-plated or brilliant white finish and expertly hand-crafted crystal glass determine the character of these attractive and versatile luminaires.

The glare of the wide-beam light is optimally suppressed by partial frosting on the inside of the crystal glass. Unlike conventional lights, LEDs emit the majority of the light in the right direction like mini-floodlights. In spite of having the same lumen ratings, the luminous efficiency is significantly higher than with conventional lamps.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white light colour. Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9. All technical data are given in the instructions for use for these luminaires. Luminaires with identical lighting technology but with cable pendant on page 52.



Brilliant white



• 135 •



• 155 •

#### LED pendant luminaires with rod suspension

Lighting technology: Luminaires with power supply unit in the canopy, dimmable 1-10 V, with LED · Colour temperature 3000 K, corresponds to warm white

Material: Crystal glass, partially frosted, with thread  
Reflector made of anodized pure aluminium  
Luminaire housing made of die cast aluminium  
Rod suspension and canopy made of metal

Surface finish options: • Brilliant white enamel, similar to RAL 9003  
• Chrome



#### Brilliant white

	Lamp	Lumen	A	B	L
<b>5470</b>	LED 13.0 W	960	135	90	1550
<b>5471</b>	LED 19.6 W	1550	155	100	1550

#### Chrome

	Lamp	Lumen	A	B	L
<b>5468</b>	LED 13.0 W	960	135	90	1550
<b>5469</b>	LED 19.6 W	1550	155	100	1550





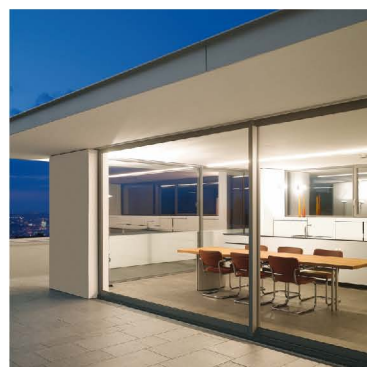
## Pendant luminaires · Downlights with LED or for energy-saving halogen lamps

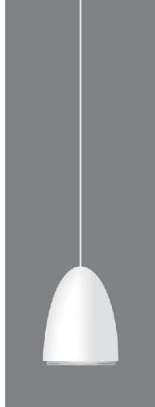
These pendant luminaires catch the eye thanks to their harmonious shape.

The gently curved lines as well as the material combination determine the character of these exquisite luminaires. There is a choice of three sizes and light outputs with the two finishes chrome and brilliant white. Die cast metal housings and expertly hand-crafted crystal glass characterise these attractive and versatile luminaires.

The glare from the wide-beam light is optimally suppressed by partial frosting on the inside of the crystal glass. Unlike conventional lights, LEDs emit the majority of the light in the right direction like mini-floodlights. In spite of having the same lumen ratings, the luminous efficiency is significantly higher than with conventional lamps.

Cost-effective and durable luminaires thanks to modern LED technology with a warm white light colour. Please note our LED information on service life, replacement modules, luminous efficiency and operating costs on Page 9. All technical data are given in the instructions for use for these luminaires.





Brilliant white



• 95 •



• 135 •



• 155 •

### Pendant luminaires • Downlights

**Lighting technology:** Luminaires with directed light with LED or for halogen lamps  
LED luminaires with integral power supply unit  
5464 • 5460 dimmable 1-10 V.  
Colour temperature 3000 K,  
corresponds to warm white

**Material:** Crystal glass, partially frosted, with thread  
Reflector made of anodized pure aluminium  
Luminaire housing made of die cast aluminium  
Canopy made of metal  
Transparent connecting cable

**Surface finish options:**

- Brilliant white enamel, similar to RAL 9003
- Chrome



#### Brilliant white

	Lamp		Base	Lumen	A	B	L
<b>5538</b>	LED	6.5 W	—	400	95	125	1500
<b>5464</b>	LED	13.0 W	—	960	135	180	2000
<b>5466</b>	1 QT 14	48 W	G 9	740	135	180	2000
<b>5467</b>	1 QT 14	60 W	G 9	980	155	220	2000

#### Chrome

	Lamp		Base	Lumen	A	B	L
<b>5539</b>	LED	6.5 W	—	400	95	125	1500
<b>5460</b>	LED	13.0 W	—	960	135	180	2000
<b>5462</b>	1 QT 14	48 W	G 9	740	135	180	2000
<b>5463</b>	1 QT 14	60 W	G 9	980	155	220	2000



Unshielded wall luminaires and pendant luminaires for lamps with screw base E 27

Wall luminaires and perfectly matching pendant luminaires. Luminaires with hand-blown, three-ply opal glass, in which a wafer-thin layer of opal glass is enclosed between two crystal glass layers. These provide highly-translucent but opaque glass – on the wall and above the desk.

Soft, uniform light with a high degree of visual comfort, which develops its very special effect in conjunction with the luminaires.

The wall lights and the pendant luminaires are available in two sizes and are fitted with the screw base E 27. For luminaires with an E 27 screw fitting, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps.

The range of lamps for such bases has increased considerably over the last few years. You will find an overview of the energy-saving lamps for these bases on Page 66.

You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.



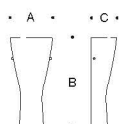


### Unshielded wall luminaires

Lighting technology: Luminaires with unshielded light  
for lamps with screw base E 27

Installation: Connecting terminals 3x2.5<sup>□</sup>

Material: Hand-blown opal glass  
Metal fitting  
Stainless steel glass connections  
White enamel, RAL 9010

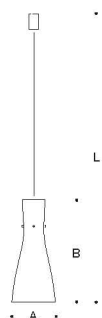


	Lamp		Base	Lumen	A	B	C
<b>8651</b>	1 lamp	75 W	E 27	935	155	320	100
<b>8652</b>	1 lamp	100 W	E 27	1340	175	370	110

### Unshielded pendant luminaires

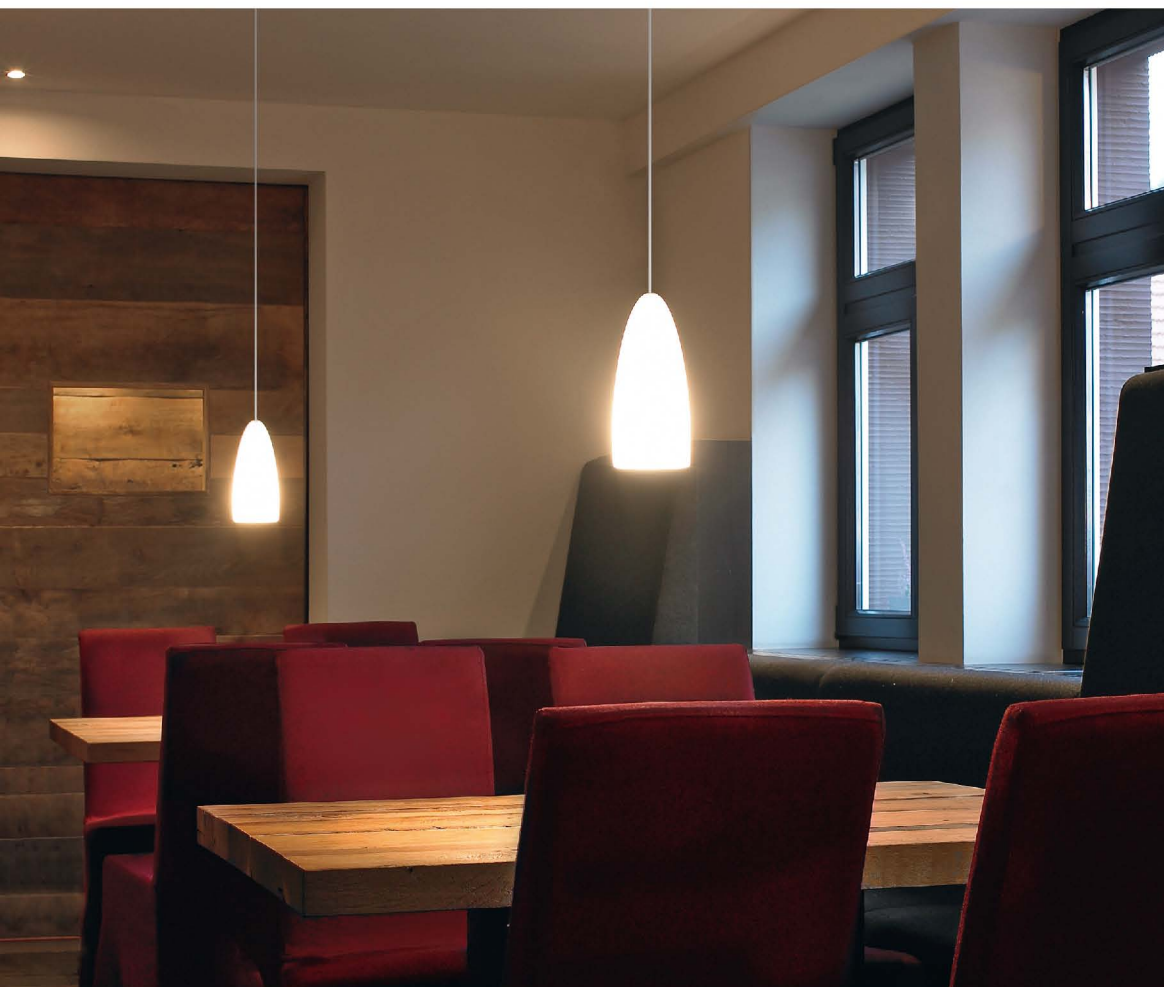
Lighting technology: Luminaires with unshielded light  
for lamps with screw base E 27

Material: Hand-blown opal glass  
Metal canopy, white, RAL 9010  
Stainless steel glass connections  
Transparent connecting cable



	Lamp		Base	Lumen	A	B	L
<b>5365</b>	1 lamp	75 W	E 27	935	152	320	2000
<b>5366</b>	1 lamp	100 W	E 27	1340	170	370	3000





## Wall and pendant luminaires for lamps with screw base E 14 · E 27

The fascination of the black opal glass in conjunction with the gentle design of the glass unit make these pendant luminaires extraordinary light objects.

During the day, the high-quality glass leaves a jet black and opaque impression. On the other hand, a fascinating spectrum of colours is produced in the light of the lamp, ranging from jet black to discreet dark blue. The white inner surface directs the light emission downwards and produces a concentrated light on the reflection surface.

If fitted with white opal glass, the luminaire distributes unshielded light to the surrounding area, achieving a smooth light effect. Besides the pendant luminaires, a wall luminaire in white opal glass is also available here. The pendant luminaires are available in two different sizes and thus offer a product which can be used to meet various furnishing and lighting requirements. The connecting cable and canopy match the colour of the glass.

The wall luminaire is fitted with screw base E 14, and the pendant luminaire with screw base E 14 or E 27, depending on the size. For luminaires with E 14 or E 27 screw bases, the luminous flux specifications (lumen) relate to the maximum wattage (W) of general service lamps.

The range of lamps for such bases has increased considerably over the last few years. You will find an overview of the energy-saving lamps for these bases on Page 66. You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.



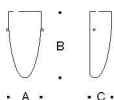
### Wall luminaire

Lighting technology: Luminaire with unshielded light for lamp with screw base E 14

Installation: 1 cable entry · Connecting terminals 3x2.5<sup>□</sup>

Material: Open hand-blown opal glass  
Fitting made of matt aluminium  
Stainless steel glass connection,  
no tools required.

Operating position: The luminaire may only be installed in the depicted operating position.



	Lamp		Base	Lumen	A	B	C
<b>8097</b>	1 lamp	60 W	E 14	660	105	210	75



### Pendant luminaires

Lighting technology: Luminaires with unshielded light for lamps with screw base E 14 · E 27

Material: Hand-blown opal glass **white**  
White connecting cable  
Metal canopy, white, RAL 9010  
Hand-blown opal glass **black-satin matt**  
Black connecting cable  
Metal canopy, black

#### Pendant luminaires · Opal glass **white**

	Lamp	Base	Lumen	A	B	L
<b>4899</b>	1 lamp	40 W	E 14	400	95	170 2000
<b>5296</b>	1 lamp	100 W	E 27	1340	125	285 2000
<b>4896</b>	1 lamp	150 W	E 27	2160	160	370 2000

#### Pendant luminaires · Opal glass **black-satin matt**

	Lamp		Base	Lumen	A	B	L
<b>5251</b>	1 lamp	40 W	E 14	400	95	170	2000
<b>5297</b>	1 lamp	75 W	E 27	935	125	285	2000
<b>5253</b>	1 lamp	100 W	E 27	1340	160	370	2000



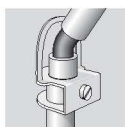


Pendant luminaires with annular shield and rod suspension  
for energy-saving halogen lamps

Pendant lamps with rod suspension – in the classic cylindrical form in two sizes, for energy-saving halogen lamps. Luminaires with hand-blown three-ply opal glass and an external metal shield with different exquisite surface finishes.

The annular shield prevents glare from the luminaires to the sides, and mainly deflects the light upwards and downwards.

Pendant luminaires with rod suspension with a high-contrast lighting effect and a pleasant light atmosphere. All technical data can be found in the instructions for use for these luminaires.



A special structure allows the rod suspension to be easily shortened to the required length. We can also supply customised versions of these luminaires in longer lengths.



#### Pendant luminaires with rod suspension

- Lighting technology: Luminaires with annular shield for halogen lamps
- Material: Hand-blown opal glass, satin matt  
Annular shield, rod suspension and canopy made of metal
- Surface finish options: • Stainless steel  
• Chrome



Stainless steel								
	Lamp		Base	Lumen	A	B	C	L
<b>5519</b>	1 QT 14	48 W	G 9	740	140	160	140	1540
<b>5520</b>	1 QT 32	100 W	E 27	1800	180	200	185	1650
Chrome								
	Lamp		Base	Lumen	A	B	C	L
<b>5439</b>	1 QT 14	48 W	G 9	740	140	160	140	1540
<b>5440</b>	1 QT 32	100 W	E 27	1800	180	200	185	1650



## Unshielded pendant luminaires for energy-saving halogen lamps and lamps with screw base E 27

Unshielded pendant luminaires that seem to float in the room. Hand-blown opal glass securely held in position by thin steel wires and almost invisibly supplied with power with a transparent connecting cable. These pendant luminaires are characterised by lightness and high quality.

The hand-blown, three-ply opal glass, in which a wafer-thin layer of opal glass is enclosed between two crystal glass layers, is created through the specialist know-how of our glassblowers.

The glass created in this way is highly transparent and diffuses the light in the room gently and with a pleasant uniformity.

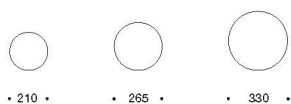
The luminaire housing in the inside of the glass and the canopy are made of stainless steel and are connected by means of three steel wires. The height can be adjusted, allowing fast and easy adaptation to different room heights.

Luminaires for halogen lamps and lamps with screw base E 27. The range of lamps for such bases has increased considerably over the last few years.

You will find an overview of the energy-saving lamps for these bases on Page 66. You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.



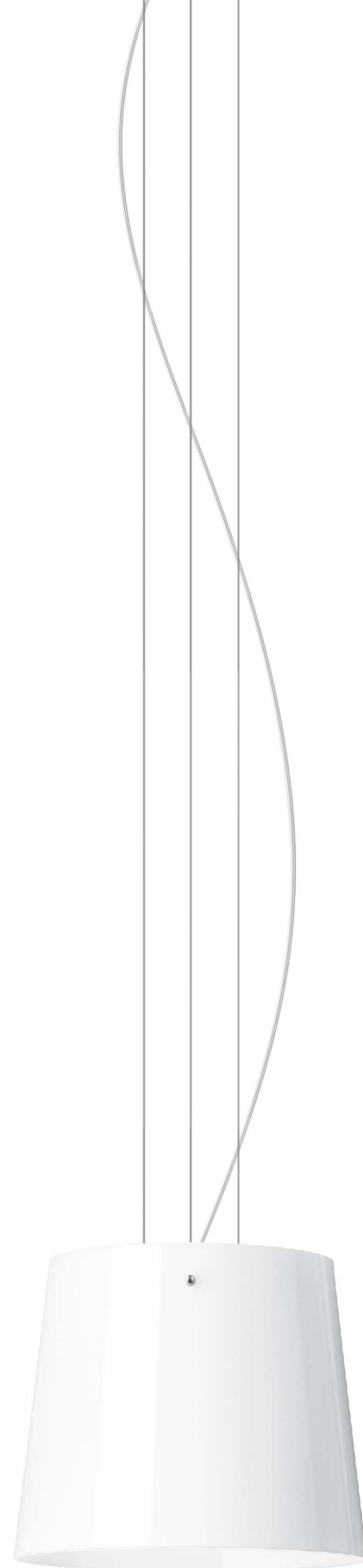
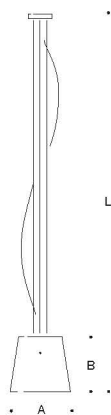




#### Pendant luminaires

Lighting technology: Luminaire with unshielded light  
for halogen lamps and lamps  
with screw base E 27

Material: Hand-blown opal glass  
Luminaire housing, glass connections  
and canopy made of stainless steel  
3 steel wires · Transparent connecting cable



	Lamp		Base	Lumen	A	B	L
<b>5407</b>	1 QT 14	48 W	G 9	740	210	180	2000
<b>5408</b>	1 lamp	100 W	E 27	1340	265	225	3000
<b>5409</b>	1 lamp	150 W	E 27	2160	330	290	4000



## Unshielded pendant luminaires for lamps with screw base E 27

Slender cylinder luminaires with balanced proportions. Luminaires which have already become classics thanks to their linear form language. The hand-blown three-ply opal glass creates a uniform light emission and – when used singly or in series – offers a pleasant lighting atmosphere. Light cylinders which fit into all styles of interior design as good construction details.

The luminaires are fitted with the E 27 screw base. The range of lamps for such bases has increased considerably over the last few years. You will find an overview of the energy-saving lamps for these bases on Page 66. You will find the exact designations of the lamps for the luminaire type and all technical data in the instructions for use for the luminaires.



### Pendant luminaires

Lighting technology: Luminaires with unshielded light for lamps with screw base E 27

Material: Hand-blown opal glass  
Stainless steel glass connections  
Luminaire housing and canopy made of metal  
White enamel, RAL 9010  
White connecting cable

	Lamp		Base	Lumen	A	B	L
<b>4911</b>	1 lamp	75 W	E 27	935	80	300	2000
<b>4912</b>	1 lamp	150 W	E 27	2160	110	400	3000



### Installation housings and plaster frames

It may be advisable to use an installation housing for installing the recessed wall and ceiling luminaires on Pages 12 to 15. If the luminaires are to be installed in concrete ceilings, we always recommend the use of an installation housing.

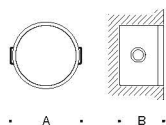
If concrete walls, concrete ceilings and brickwork are to be plastered, it is advisable to also use the plaster frames specified in the table - for plaster thicknesses of 12 - 20 mm. Recessed housings and plaster frames made of aluminium. In addition, you will find instructions for use for all components at [www.glashuette-limburg.com](http://www.glashuette-limburg.com).



Installation housings



Plaster frame



	A	B	
<b>781</b>	Installation housing	130 145	<b>081</b> Plaster frame



### Electrical safety and protection class

Our luminaires are designed and produced on the basis of the standards EN 60598/VDE 0711. They thus comply with statutory provisions concerning the supply voltage for electric light sources. All products are subject to continuous monitoring during manufacture and quality assurance.

The protection class in accordance with EN 60598 classifies the operating safety of luminaires. It is specified with two figures in the IP code (Ingress Protection). The first figure refers to protection against solid foreign bodies and dust. The second figure describes impermeability to water and moisture. All products meet the requirements of indoor capability. Special product properties are marked with the relevant protection class.

The special features listed in this catalogue meet four classifications:

- IP 20** Protection against penetration of foreign bodies  $\geq 12$  mm, no water protection  
Not suitable for areas near moisture
- IP 44** Protection against penetration of foreign bodies  $\geq 1$  mm, protection against splash water  
Suitable for bathrooms and wet rooms
- IP 64** Protection against dust entry, protection against splash water  
Suitable for bathrooms and wet rooms
- IP 65** Protection against dust entry, protection against water jets  
Suitable for bathrooms and wet rooms

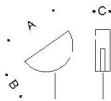
Canopies • Cross arms • Pendant shorteners

Different architectural situations require different installation solutions. For cases where the canopy which is a standard part of the cable pendant luminaire is not used, or several luminaires need to be installed on one power connection, we have developed a series of appropriate accessories.



Canopy

for the installation of pendant luminaires on ceilings or other building structures with an inclination of 0° to 60°. Metal housing with different enamel finishes.

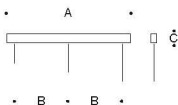


		A	B	C
5080	White	120	60	40
5081	Graphite	120	60	40
5082	White aluminium	120	60	40
5083	Light grey	120	60	40

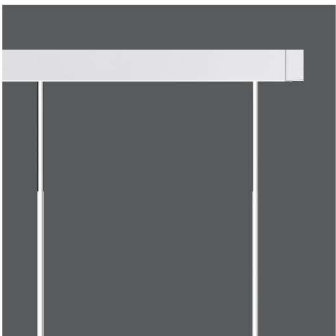


Cross-arms

for the installation of three or five pendant luminaires. Aluminium with enamel



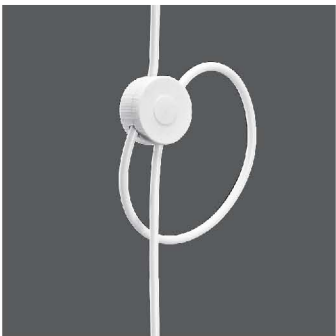
		A	B	C
5109	White for 3 luminaires	700	300	40
5110	White for 3 luminaires	1000	400	40
5111	White for 5 luminaires	1300	300	40
5112	White for 5 luminaires	1800	400	40



Pendant shortener

If pendant luminaires are only required temporarily in reduced overall lengths, the length of the pendant can be adjusted by means of a pendant shortener. Maximum weight of luminaire 5 kg Solid-coloured synthetic material

5039	White	Ø 45 mm
5040	Graphite	Ø 45 mm














RAL colours for enamels:  
White - RAL 9010, white aluminium - RAL 9006, light grey - RAL 7035.



## Lamp overview of the luminaires in this catalogue

The following table gives an overview of the lamps that may be used in the luminaires of this catalogue. This is not a complete market overview. Lamps are subject to continuous technical development and improvement. For this reason, we expressly refer you to the current technical data of the respective lamp manufacturer. In particular, the information concerning the burning position, operating current and starting characteristics of the lamps must be observed. The content of this lamp table was drawn up according to the lamp producers' information. We assume no liability for the completeness or validity of such data.

In the designation of the lamps, we use the standard lamp designation system **LBS** of the electrical industry.








	Base	LBS	Watts	Lumen (lm)	Osram	Philips
<b>Compact fluorescent lamps with integral electronic ballast</b>					<b>Dulux...</b>	<b>Master PL-E...</b>
	E 14	<b>TC-D-SE</b>	7 W	340 lm	DSST MIBA 7 W/E 14	—
	E 27	<b>TC-D-SE</b>	11 W	630 lm	DSST MIBA 10 W/E 27	—
	E 27	<b>TC-D-SE</b>	15 W	850 lm	DSST MIBA 15 W/E 27	—
	E 27	<b>TC-DSE</b>	7 W	380 lm	DINT LL 7 W/E 27	...8 W/E 27
	E 27	<b>TC-TSE</b>	11 W	640 lm	DINT LL 11 W/E 27	—
	E 27	<b>TC-TSE</b>	14 W	820 lm	DINT LL 14 W/E 27	...15 W/E 27
	E 27	<b>TC-TSE</b>	18 W	1140 lm	DINT LL 18 W/E 27	...20 W/E 27
	E 14	<b>TC-DSE</b>	7 W	380 lm	DINT LL 7 W/E 14	...8 W/E 14
	E 14	<b>TC-TSE</b>	11 W	640 lm	DINT LL 11 W/E 14	—
<b>Halogen energy saving lamps</b>						
	E 27	<b>QA 60</b>	28 W	345 lm	64542 A ECO	25277425
	E 27	<b>QA 60</b>	42 W	630 lm	64543 A ECO	25171525
	E 27	<b>QA 60</b>	52 W	820 lm	64544 A ECO	(53 W) 25172225
	E 27	<b>QA 60</b>	70 W	1200 lm	64547 A ECO	25225525
	E 27	<b>QA 60</b>	105 W	1900 lm	64548 A ECO	25226225
	E 14	<b>QD 45</b>	28 W	320 lm	64542 P ECO	—
	E 14	<b>QC 35</b>	28 W	345 lm	64542 B ECO	25265120
	E 14	<b>QC 35</b>	42 W	630 lm	64543 B ECO	—
<b>General service lamps</b>						
	E 27	<b>A 60</b>	40 W	415 lm	CLAS A CL 40	354860
	E 27	<b>A 60</b>	60 W	710 lm	CLAS A CL 60	354563
	E 14	<b>D 45</b>	40 W	400 lm	CLAS P CL 40	011862
	E 14	<b>C 35</b>	40 W	400 lm	CLAS B CL 40	011336
	E 14	<b>C 35</b>	60 W	660 lm	CLAS B CL 60	011763
<b>Halogen lamps</b>						
	G 9	<b>QT 14</b>	33 W	460/340 lm	66733 ECO	(28 W) 86398700
	G 9	<b>QT 14</b>	48 W	740/630 lm	66748 ECO	(42 W) 86401400
	G 9	<b>QT 14</b>	60 W	980/850 lm	66760 ECO	—
<b>Compact fluorescent lamps</b>					<b>Dulux...</b>	
	GX 24 q-2	<b>TC-TELI</b>	18 W	1200 lm	...T/E 18 W ...PL-T TOP 18 W/4P	
	GX 24 q-3	<b>TC-TELI</b>	26 W	1800 lm	...T/E 26 W ...PL-T TOP 26 W/4P	
	GX 24 q-3	<b>TC-TELI</b>	32 W	2400 lm	...T/E 32 W ...PL-T TOP 32 W/4P	
	GX 24 q-4	<b>TC-TELI</b>	42 W	3200 lm	...T/E 42 W ...PL-T TOP 42 W/4P	

## Lamp overview specially for screw base E 14 and E 27

The range of lamps for screw bases E 14 and E 27 has increased considerably over the last few years. Luminaires for general service lamps can now be operated with many energy-saving lamps. In the tables in this catalogue, the luminous flux specifications (Lumen) for lamps with screw fittings E 14 and E 27 relate to the maximum wattage (W) of general service lamps.

Exact information about the use of the respective lamps can only be found in the instructions for use for the luminaires.

The overview on this page makes it possible to compare lamps that can be operated using the same base. The table shows a comparison of the output (watts/W), luminous flux (lumen/lm) and service life (hours/h) of the lamps.

	<b>E 27</b>	Compact fluorescent lamps with electronic ballasts		TC-DSE 7 W 380 lm 20,000 h	TC-TSE 11 W 640 lm 20,000 h	TC-TSE 14 W 820 lm 20,000 h	TC-TSE 18 W 1140 lm 20,000 h	
		Halogen energy saving lamps		QA 60 28 W 345 lm 2,000 h	QA 60 42 W 630 lm 2,000 h	QA 60 52 W 820 lm 2,000 h	QA 60 70 W 1200 lm 2,000 h	QA 60 105 W 1900 lm 2,000 h
		General service lamps		A 60 40 W 415 lm 1,000 h	A 60 60 W 710 lm 1,000 h	A 60 75 W 935 lm 1,000 h	A 60 100 W 1340 lm 1,000 h	A 65 150 W 2160 lm 1,000 h
	<b>E 14</b>	Compact fluorescent lamps with electronic ballasts		TC-DSE 7 W 380 lm 20,000 h	TC-TSE 11 W 640 lm 20,000 h			
		Halogen energy saving drop lamps		QD 45 28 W 345 lm 2,000 h				
		Halogen energy saving candle lamps		QC 35 28 W 345 lm 2,000 h	QC 35 42 W 630 lm 2,000 h			
		General service drop lamps		D 45 40 W 400 lm 1,000 h				
		General service candle lamps		C 35 40 W 400 lm 1,000 h	C 35 60 W 660 lm 1,000 h			



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