Lighting for industry since 1936

OFFICE AND WORKPLACE LUMINAIRES

TASK LIGHTS

SURFACE MOUNTED LUMINAIRES

LIGHTED MAGNIFIERS

INSPECTION LUMINAIRES

FLEXIBLE TUBE LUMINAIRES

PRODOTTO ITALIANO

RIMSA

RIMSA lights are suitable for countless uses; the fact that they are so easy to handle makes them perfect for offices, whilst their sturdy construction makes them ideal for any work environment.

Day after day, RIMSA lights up the work of technicians, researchers, assemblers, goldsmiths, and tailors. Day after day, RIMSA caters to the needs and requirements of users who daily provide RIMSA with lots of new ideas for developing bespoke lighting solutions.

RIMSA lamps are designed for professional users, comply with CEI standards and bear the CE and IMQ marks. RIMSA lights are designed to be water and dust resistant.

COLOURS AVAILABLE

- NM — HAMMERED BLACK
- GM — HAMMERED GRAY
- BM — HAMMERED WHITE
- NE — BLACK
- GR — GRAY
- BI — WHITE
- NG — RUBBERIZED BLACK

PRODUCTS' FUNCTIONS

- **ECO** *Low energy consumption*
- **GOLIA** *Extremely sturdy product*
- **COLOR TEMPERATURE**
- **CE**
- **IMQ**
- **LED** *LED powered product*
- **IP CODE** *Degree of protection against intrusion*
- **IK CODE** *Protection against mechanical impacts*
- **LENS** *Product with magnifyng lens*

TECHNICAL APPLICATIONS

- CNC
- INDUSTRIAL MACHINERY
- WORKBENCHES
- MANUFACTURING
- ASSEMBLY LINE
- INSPECTION
- OFFICE
- TAILORING
- JEWELERLY
- ART
- FOOD
- MEDICAL

Lighting for industry since 1936

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G LED

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CICLOPE Series

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188 LED

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198 LED

PAGE 40

L88 LED

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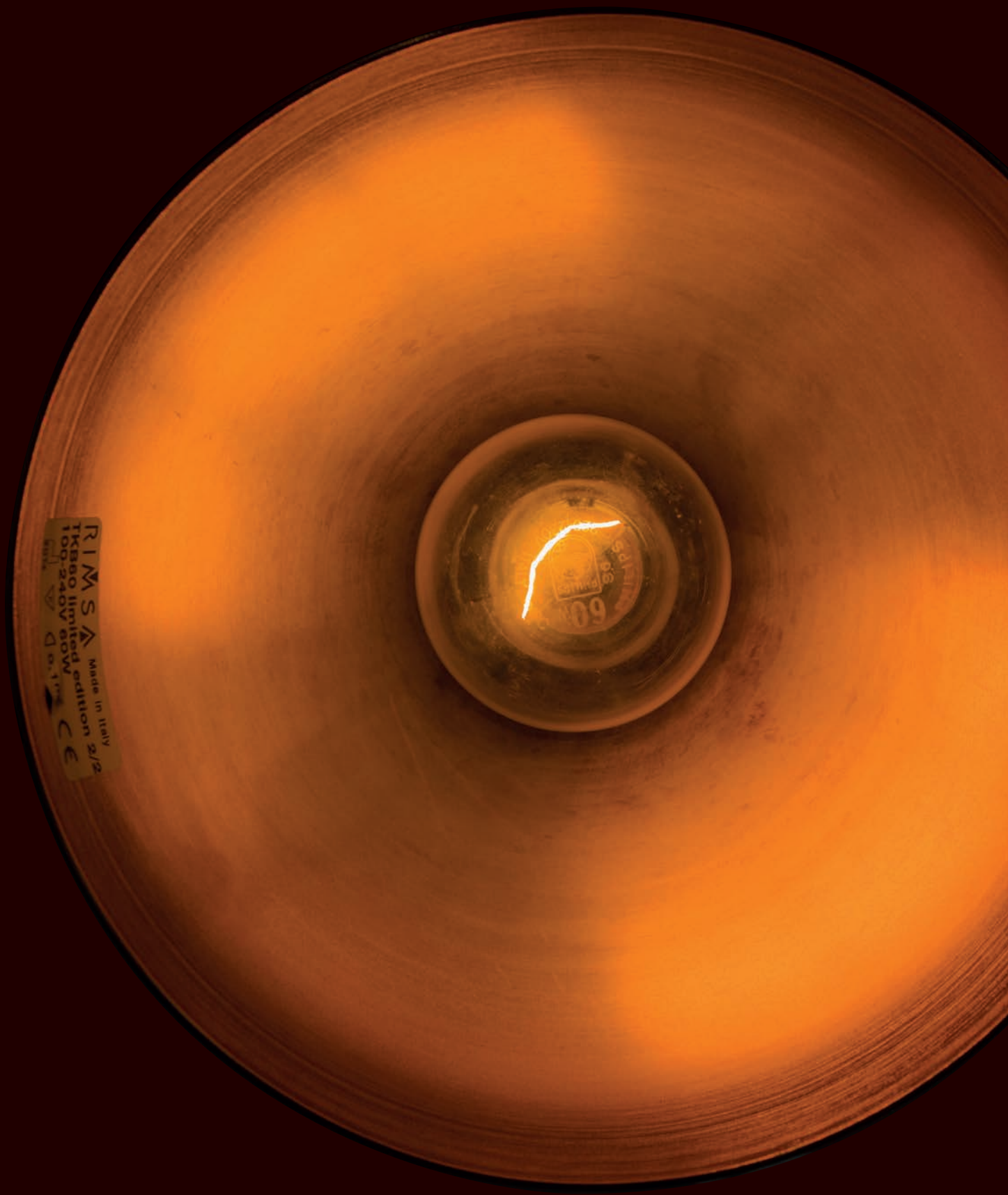
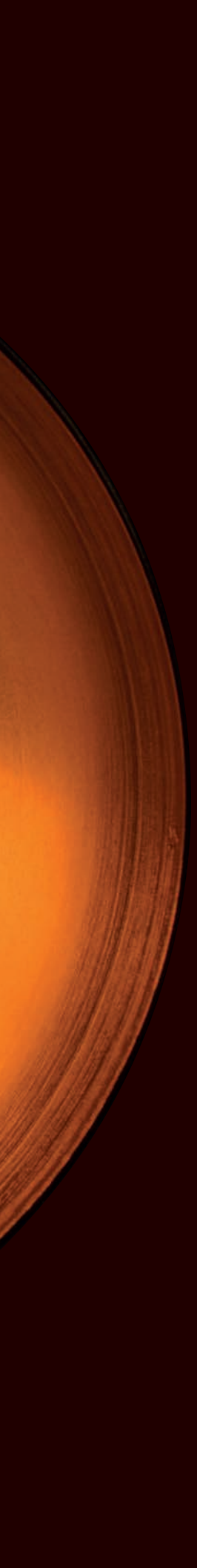
RIMSA was established in 1936 thanks to the intuition of Palmino Longoni. Over the years the company has acquired several expertise such as that of being able to provide its customers with hi-tech, reliable and sturdy products. Initially established as a mechanical workshop, RIMSA is well aware of the need for clarity and intensity of lighting in industrial environments.

PRODOTTO ITALIANO
RIMSA


RIMSA
Made in Italy
TKB60 limited edition 2/2
100-240V 60W



RIMSA, conscious of the technical skills, the competitiveness, the dynamism, the professionalism of human resources and the originality of Italian companies, has always adopted a policy of sourcing its components within the national borders. Thanks to the choice of quality materials, RIMSA products have been appreciated by international customers for over 80 years.

Over 80 years of experience

THE ORIGINS

RIMSA, established by Palmino Longoni in 1936, was initially a mechanical workshop dedicated to repairing typewriters and the like (*Riparazione di Macchine da Scrivere e Affini*); hence the acronym RI.M.S.A.

NEW APPLICATIONS

The transition from repair workshop to production facility took place in the 1950s, when Mr. Palmino Longoni decided to give shape to a product of his own. Since then, RIMSA has focused on the design and development of pantograph lamps. Company growth resulted in an expansion of the product range with the introduction of magnifying and fluorescent lamps. Starting in the post-war period, RIMSA began making a name for itself in the electronics, goldsmithery, dentistry and industrial sectors.

THE 80'S

In the 80's, RIMSA began focusing closely on the surgical lighting sector and, in April 1983, the Milan Trade Fair Authority awarded RIMSA the first prize for the design of an halogen surgical lamp. Research in the medical field continued and in March 1992 the Milan Chamber of Commerce awarded the company the prestigious "Technological Innovation" qualification certificate for the design of the star-shaped open-spoke surgical lamp for laminar-flow operating theatres. In 2002, RIMSA developed the world's first LED operating theatre lamp, at a time when this technology was still in its infancy.

NEW TECHNOLOGIES

With the new millennium, RIMSA renewed its mechanical department by purchasing machining centres, CNC lathes and a robotic TIG and MIG welding centre for the production of components used on its products. The Logistic has been renovated with the introduction of vertical warehouses paired with machineries for the movement of WIP whilst process digitalization allowed for complete automatisation of certain acitivies such as the painting department which is now wholly operated by a robot. The continuos investment in both infrastructures and softwares paired with the hiring of several new professionals allowed Rimsa to be regarded as an Industry 4.0.

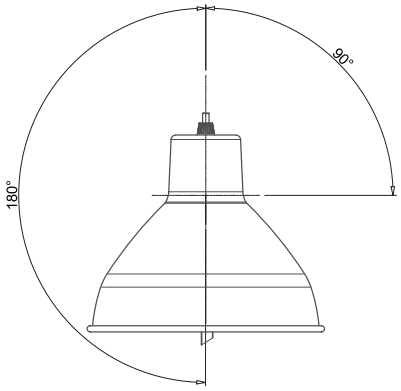
CORPORATE THINKING

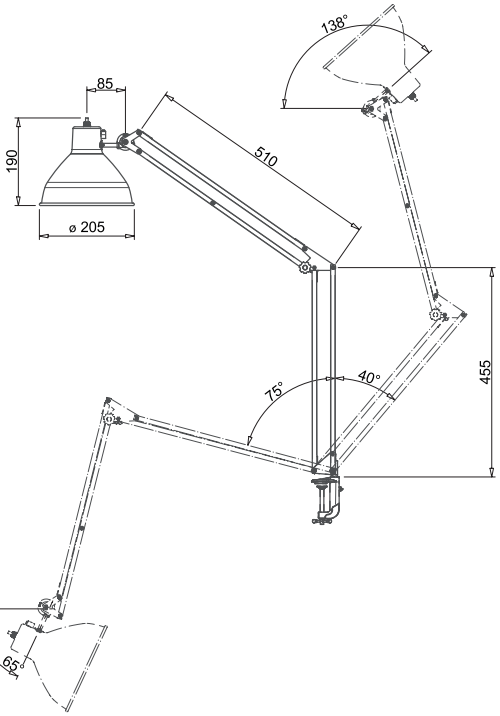
RIMSA is a "long-standing" but not an old company. Backed by its history, traditions and pride, RIMSA has always put "Uniqueness" at the centre of its organization, based on the promotion of human resources, technological updating, "simple" management, and product quality. All these elements together lead to the achievement of the corporate "purpose" identified as follows: continuity and development of the Company, professional growth and staff development, research and innovation, and acquisition of new markets.

Mod. 80

To mark its 80th anniversary, RIMSA decided to present a reinterpretation of its most representative product, the *Mod.10* at its mechanical and aesthetic best.

While the original model has, for decades, shed light and clarity on the benches of generations of developers, engineers and mechanics, who have given the world hundreds of familiar products, this reinterpretation in an urban industrial guise aims to offer a solid and reliable solution to new inventors looking for quality, tradition and style. The special rubberized finishes in black and grey, exclusive to this lamp, imbue the product with elegance and contemporaneousness. A noteworthy detail is the steel joint cup, made using the original 1946 mould created by the founder and bearing the wording:”Brevetti Longoni”.


90°
180°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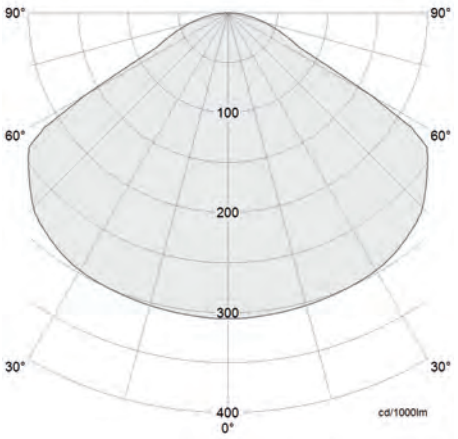
90°
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30°
400
0°
cd/1000lm

Mod. 80

The special finishes of the product make it a lovely companion during your nights in the office.

Code	80
Power	60 W
Supply	220-240 V
ES	E27
Reflector's diameter	205 mm
Structure	Pantograph
IP protection	IP20
Class	I
Cable	170 cm; 2P+T 10A plug
Fixing	s/11 s/12 s/15 clamp / desk base

NG GM

ACCESSORIES

S11

S12

S15

RL

BASEPE

ORDER CODE

Rubberized Black	**80NG**
Hammered Grey	**80GM**

Pantograph lamps

The pantograph lamp takes its name from the type of arm to which the reflector, i.e. the lighting body of the product, is connected.
The pantograph is included on the list of inventions which, since 1600 have tried to give a concrete answer to the needs of sculptors and cabinetmakers in their endeavour to faithfully reproduce sculptures and miniatures. Plumb lines, gauges and triangulations were in fact the techniques used by artists before the introduction of the pantograph; such techniques did not however ensure satisfactory results and required a great mastery of tools; the pantograph therefore made it possible to take a major step forward. The origin of the pantograph involves three eminent personalities: the Frenchman Gatteaux, the Englishman Bacon and the Italian Canova.

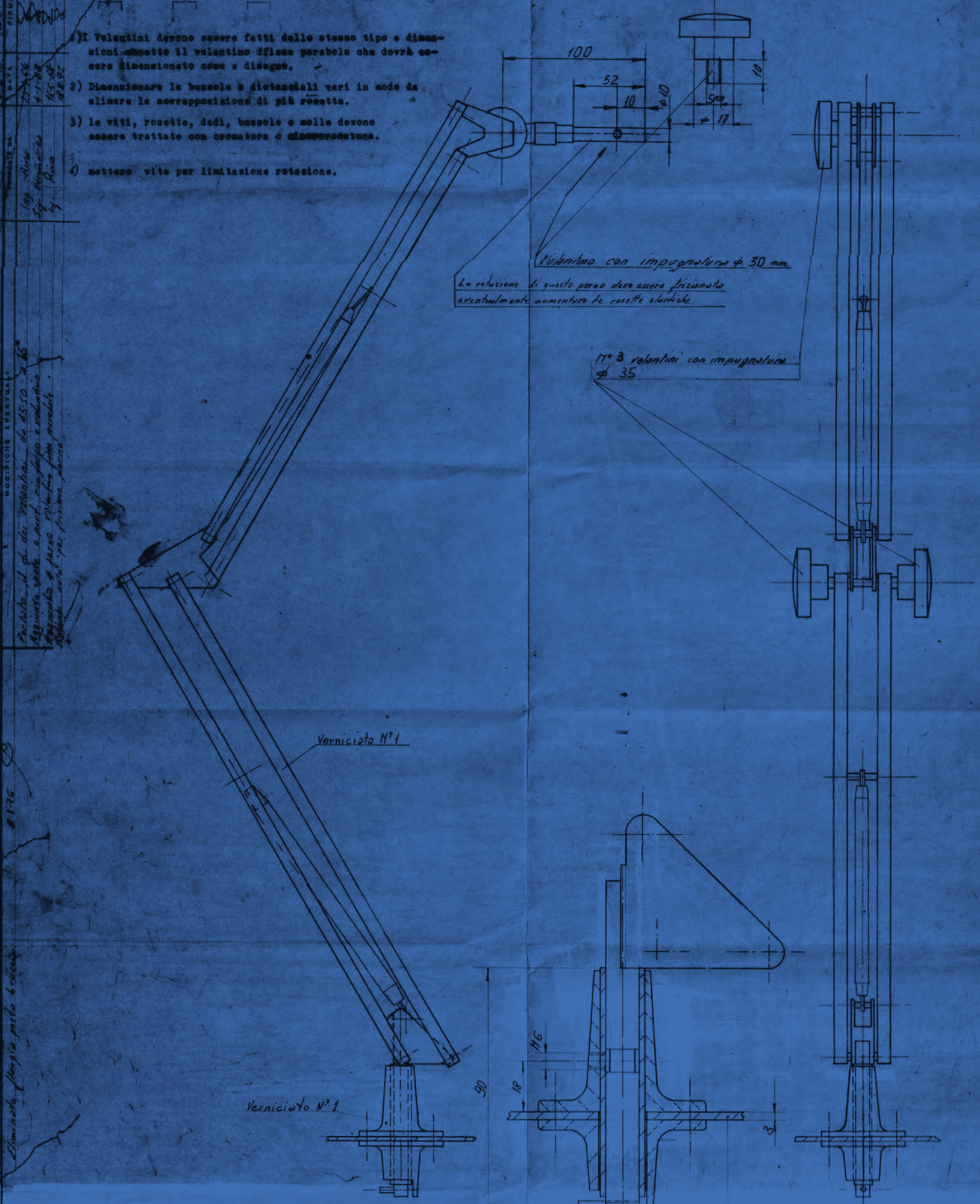
In 1932, the Englishman Carwardine, while engaged in developing a car suspension, became aware of the advantages which a lighting fixture mounted on a spring arm would generate and went on to design the first pantograph lamp: the Anglepoise.
In 1937, the Norwegian designer Jac Jacobsen, inspired by the English product, developed and marketed his own pantograph lamp. The product became an immediate commercial success.
The main benefit of using a ‘pantograph’ arm is that the product can be moved in any direction without the need to fix the position manually because stability is ensured by the presence of springs. A precise calculation of the springs is therefore necessary (to give stability and balance to the product and to avoid movement being too stiff or loose). The correct stiffness of the springs makes the product usable even in the presence of the vibrations commonly found in work environments.

1) I Volantini devono essere fatti dello stesso tipo e dimensioni ~~smussati~~ il volantino sfiora parabola che dovrà essere dimensionato come a disegno.

2) Dimensionare le bussole a distanziali vari in modo da elimare la sovrapposizione di più rosette.

3) le viti, rosette, dadi, bussole e molle devono essere trattate con cromatura o ~~zincocromatura~~.

4) mettere vite per limitazione rotazione.



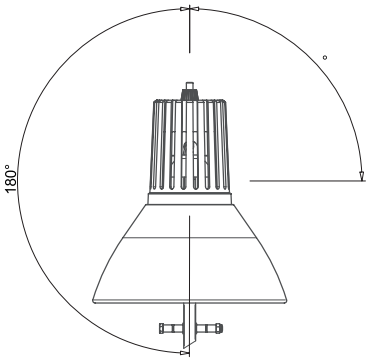
Mod. 10

Since 1964, with more than 500,000 units sold, the Mod. 10 has continued to provide technicians, designers, architects and planners with bright, clear and restful lighting.

Developed on the basis of a 1964 project by Gaetano Longoni, the Mod. 10 has since then remained almost unchanged. The reflector, initially made of a single aluminium element, has been replaced by two components: a bottom reflector made of turned iron with finishing edge and a top cap made of glass fibre filled nylon. After more than 50 years and 500,000 units sold, this lamp is still available to meet the needs of technicians, designers, architects and planners, ensuring a bright, clear and relaxing light. The pantograph arm provides considerable manoeuvrability and allows easy product orientation.

Perfect spring adjustment ensures precision movement without rebounds. Two knobs on the sides of the arm permit adjusting the clutches. The structure is made of drawn steel and is equipped with anti-unscrewing hardware. The product features oven-cured epoxy coating.

The product is in Class I with earthing system and is guaranteed by the IMQ quality mark. For use in particular environments, a light source cage for protection purpose can be fitted.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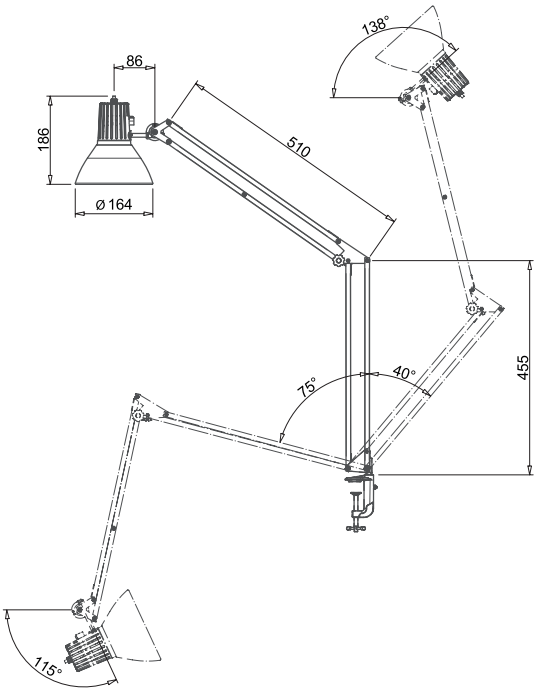
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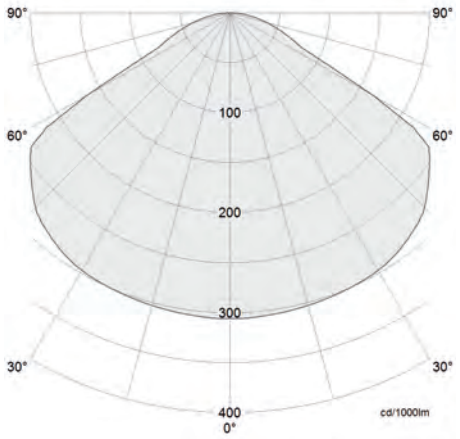
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30°
400
0°
cd/1000lm

Mod. 10

Reflector consisting of a top part in glass fibre filled nylon and a lower part in turned iron with finishing edge. Can use both LED and Incandescent bulbs.

Code	10
Power	60 W
Supply	220-240 V
ES	E27
Reflector's diameter	160 mm
Structure	Pantograph
IP protection	IP20
Class	I
Cable	H03 VVF 3X0.75 170 cm with 2P + T 10A plug
Fixing	s/11 s/12 s/15 clamp / desk base

NE GR BI

ACCESSORIES


S11


S12


S15


RL


BASEPE


GP

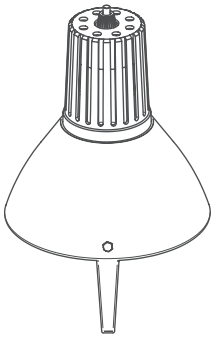
ORDER CODE

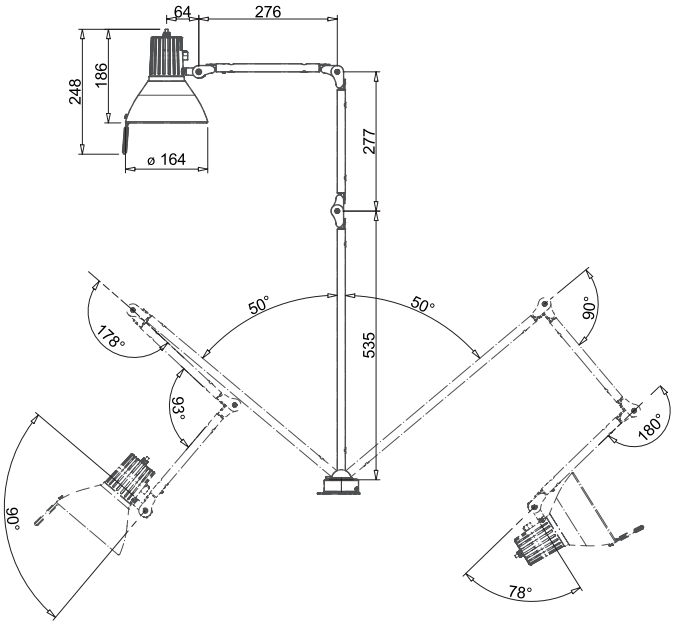
Black	**10NE**
Grey	**10GR**
White	**10BI**

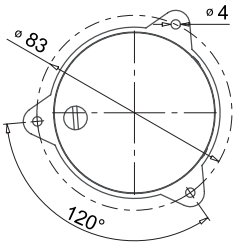
Mec 103

Specially designed to light up benches and workplaces.

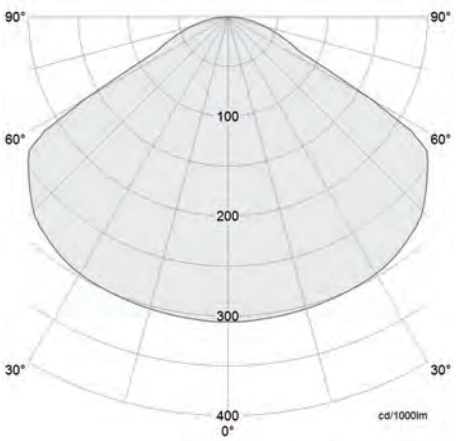
The Mec 103 is a product purposedly designed to light up benches and workplaces. The arm can be locked manually using mechanical clutches to ensure product stability despite the strong vibrations it undergoes in work environments.
The reflector consists of two elements – a glass fibre filled ABS cap and a turned sheet metal reflector with reinforced edge. The product is ideal on parallel lathes, presses, column drills, milling cutters, sharpeners, transfer machines and also on industrial sewing machines and assembly benches.







3 screws fixing



Mec 103

Available with LED and incandescent bulbs, this product is suitable for work environments subject to strong vibrations or where the product has to maintain a fixed position. For more comfortable movement, the reflector is fitted with a handle.

Code	MEC103
Power	60 W
Supply	220-240 V
ES	E27
Reflector's diameter	160 mm
Structure	1012 mm with 4 joints
IP protection	IP20
IK protection	IK04
Class	I
Cable	H03 VVF 3X0.75 170 cm with 2P + T 10 A plug
Fixing	3 screws

NM

ACCESSORIES

AS2

S11*

GP

** the accessory requires the adapter AS2*

ORDER CODE

Hammered Black	**MEC103NM**

Why LED?

Light has a decisive influence on the operational capabilities of human beings and the quality of artificial lighting is therefore of paramount importance. Good lighting helps concentration, reduces visual fatigue and increases productivity.

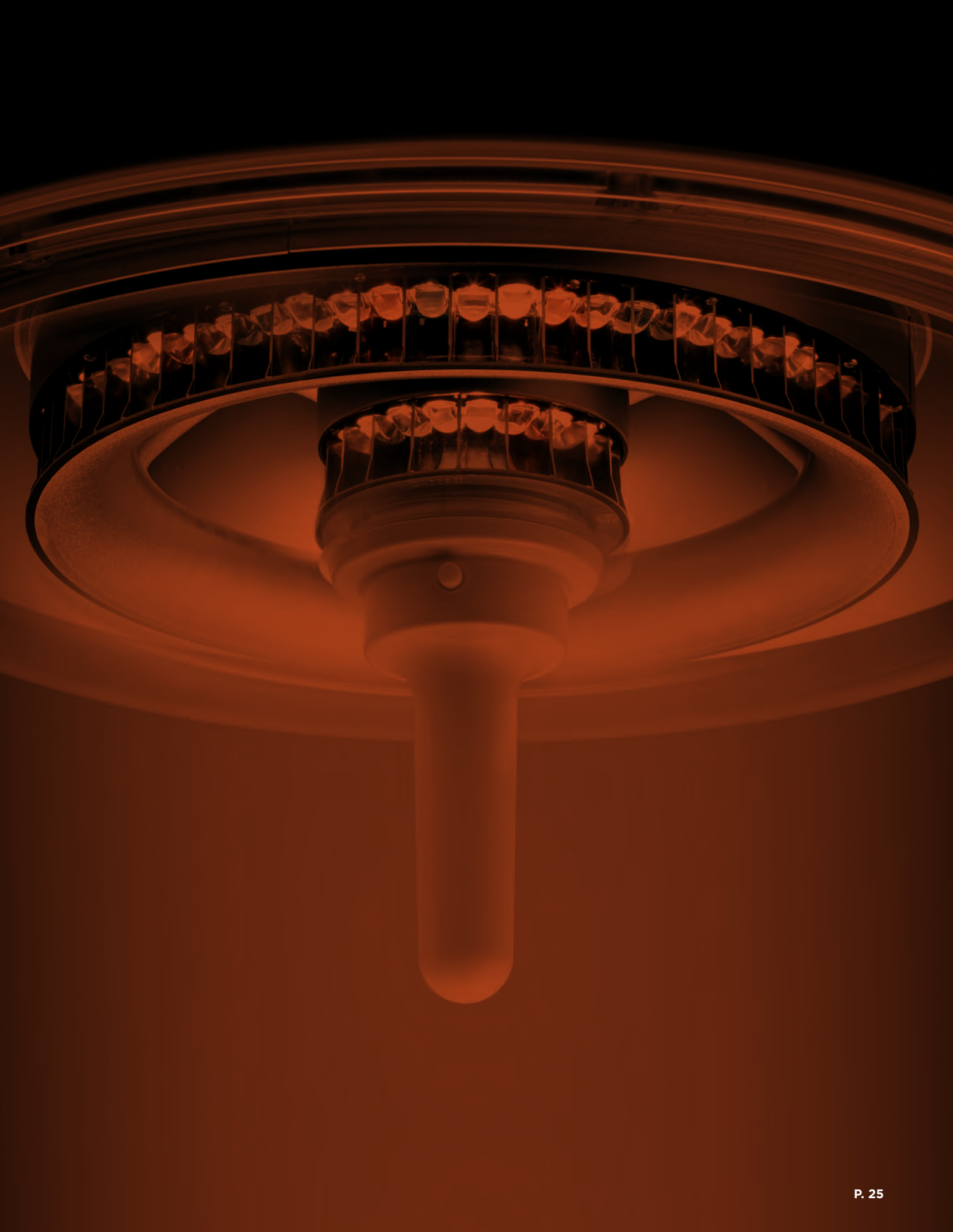
The LED, light-emitting diode, is a device which exploits the capacity of some semiconductors to produce a spontaneous emission. Invented in 1962, it has only become the main light source for lighting systems over the past decade. The poor performance of the first generations of LEDs meant that this technology could only be used for decorative purposes.
Although LED technology has only recently become available to developers as a viable alternative to traditional light sources, it has predominated due to its features and benefits.

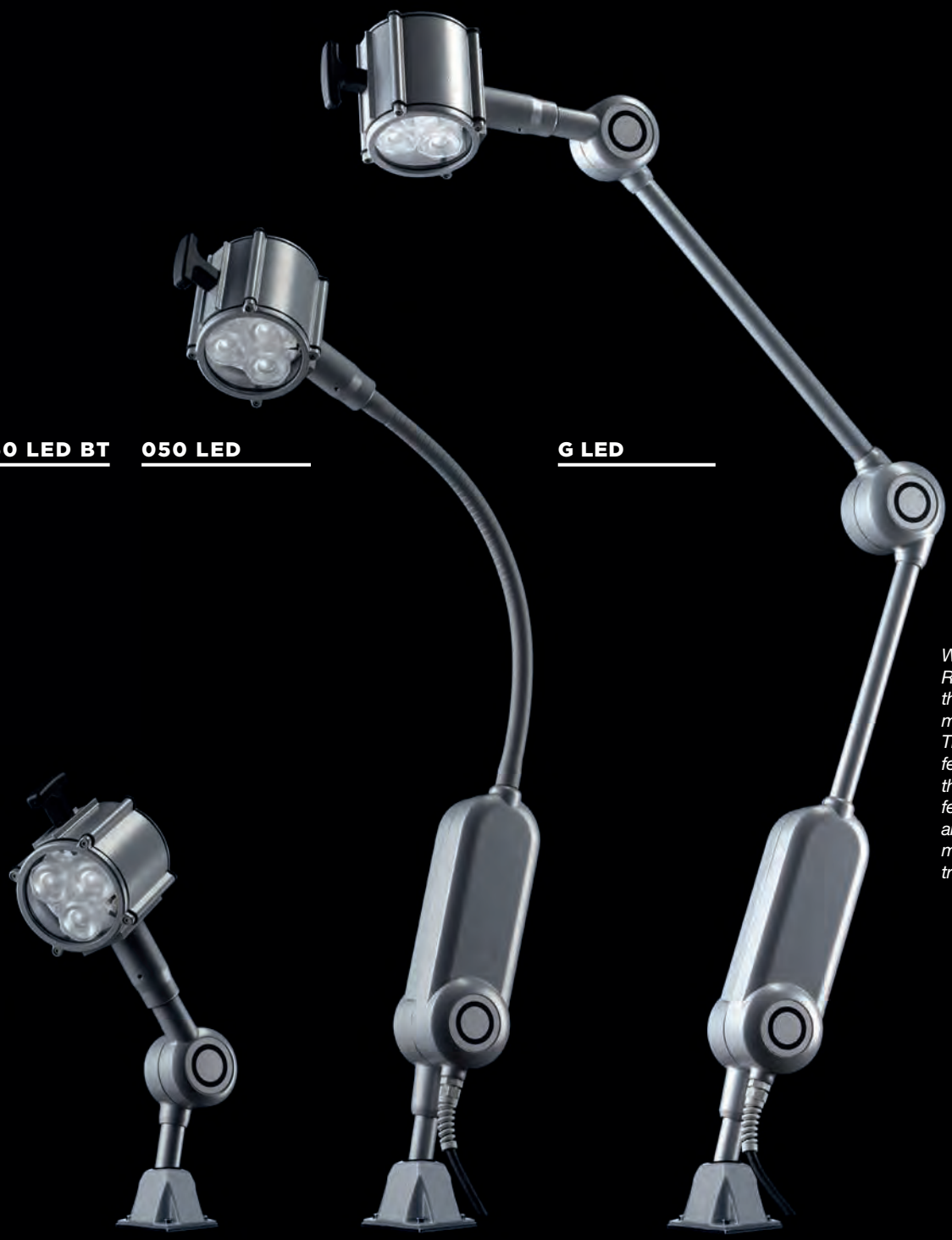
LED lamps are highly energy saving; they do not produce heat and are therefore especially suitable for devices whose light is constantly directed on operators. LED lamps are also more reliable than alternative light sources because, being supplied with less power, they do not undergo perceptible degeneration and, consequently, ensure much longer product life.

The LED, once installed on a device capable of dissipating the heat created at the base of the diode, has a conventionally defined duration of 50,000 hours of use. The key to ensuring a long service life for an LED product is therefore the ability to dissipate the heat of the LED which, although it produces a ‘cold’ light, needs innovative solutions to mitigate the heat produced at the base.

A further advantage of LED lamps comes from the possibility of reaching colour temperatures much higher than those of other types of light; the LED can reach 7500K, which is very close to the heat temperature of sunlight. This results in improved lighting quality, which is more relaxing and more efficient in terms of performance. The LED is also environmentally friendly because at the end of its life cycle it can be disposed of without polluting the environment.

Well aware of the benefits of LED lamps, RIMSA was the first company in the world to introduce a surgical medical lamp with LED technology to the public in 2002. The use of the LED lamp, first launched by RIMSA in the medical sector, later spread to industrial products.





ASK 60 LED BT **050 LED** **G LED**

With the G Series, RIMSA has developed three types of arm to meet all requirements. The 050LED model features a flexible arm; the ASK60LED model features an articulated arm, while the GLED model has a long triple-jointed arm.

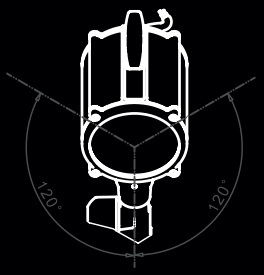
G Series

גָּלְיָת, Ğoliyāṭ: revolution, strength, robustness. The Golia (G) series takes its name from its technical features which make the products of this series revolutionary, strong and sturdy.

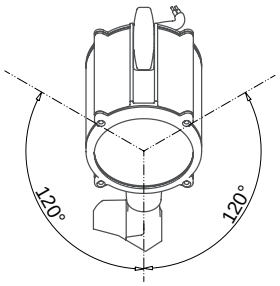
Revolution, strength, robustness. The Golia (G) series takes its name from its technical features which make the products of this series revolutionary, strong and sturdy. The G Series is developed around the lighting fixture, a reflector made of impact-resistant (IK05) and water and dust-resistant (IP66) aluminium. The reflector, specially developed for industrial applications, offers adequate lighting.

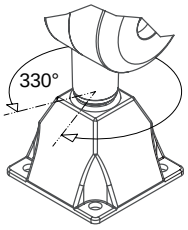
Three carefully selected LEDs are housed in the reflector to ensure an intense light and high colour temperature (5500 K) with minimum energy consumption (9 W); dissipation is through a high-performance aluminium and ceramic base which gives the device a working life of around 50,000 hours. To protect the LEDs, a tempered Pyrex glass has been installed which, together with the special aluminium reflector designed to offer resistance and sturdiness, enables use in the most extreme conditions.

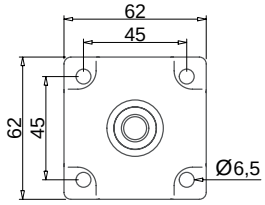
Studied reflector shapes also provide a good visual impact and ensure easy cleaning. The reflector, common to all G-Series products, is designed to provide 240-degree rotation on its axis.

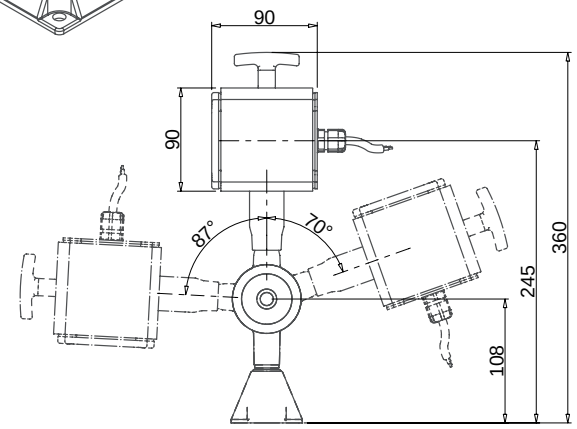


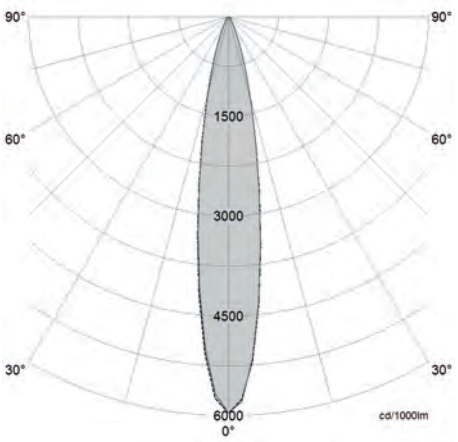
The reflector lens is designed to provide increasing intensity as the distance between the light source and the lighted object decreases; at 30 cm the reflector generates an intensity of 14,000 lx distributed over a diameter of 35 cm, at 50cm 6,000 lx over a diameter of 40 cm while at 70 cm, 3,000 lx over a diameter of 45 cm.











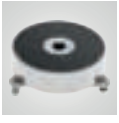
ASK 60LEDBT

This product is suitable for applications where a lamp source with clear and bright lighting, cool light, vibration resistance and long service life is required. It is recommended for machine tools. The sturdiness of the reflector makes it suitable for use inside machining centres with water and coolant sprays. The small size and light weight of the reflector ensure easy positioning and great stability.

Code	ASK60LEDBT
Power	7 W
Supply	12-24 V ac/dc
Illuminance at 50 cm	6.600 Lux
Lumen	270 lm
Color temperature	5.500 K
Reflector's diameter	90 mm
Structure	1 Joint
Product's life	50.000 hours
IP protection	IP66
IK protection	IK05
Class	III
Cable	H05 RN-F 2X1 2 m (no plug)
Fixing	4 screws

GM

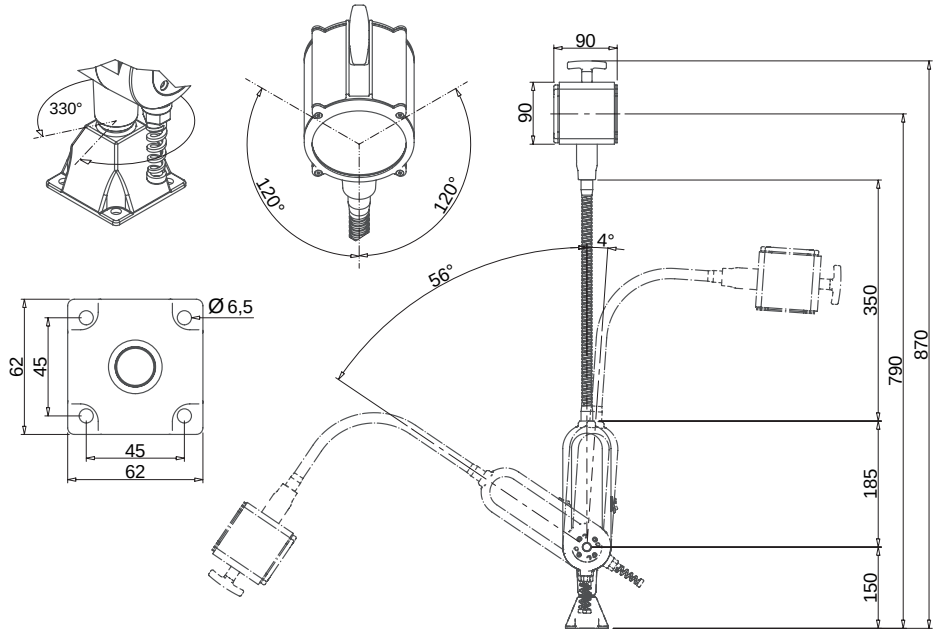
ACCESSORIES

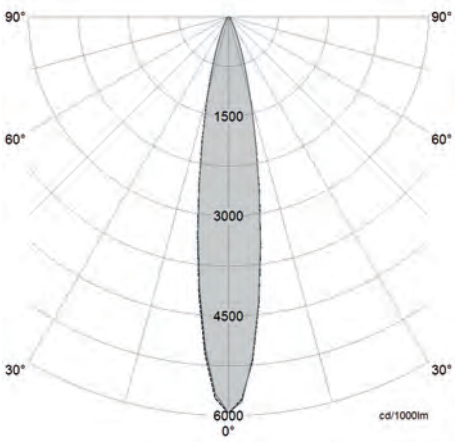


C70

ORDER CODE

Low Voltage	**ASK60-LEDBT**


330°
120°
120°
90
90
4°
56°
350
790
870
185
150
Ø 6,5
62
45
45
62


90°
90°
60°
60°
30°
30°
1500
3000
4500
6000
0°
cd/1000lm

050LED

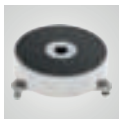
The 050LED model feature the G-Series reflector on a 350 mm flexible arm which allows movement in all directions, ensuring stability even in the event of shocks or vibrations.
The flexible arm is connected to a joint which offers an additional movement of 60°.
The models are suitable for use on machine tools - the arm structure and its flexibility allow maximum freedom of movement. The product is available in the versions with transformer (TR) and with low voltage (BT).

Code	050LED-TR	050LED-BT
Power	7 W	7 W
Supply	220-240 V ac	12-24 V ac/dc
Illuminance at 50 cm	6.600 Lux	6.600 Lux
Lumen	270 lm	270 lm
Color temperature	5.500 K	5.500 K
Reflector's diameter	90 mm	90 mm
Structure	Flexible arm + 1 joint	Flexible arm + 1 joint
Product's life	50.000 hours	50.000 hours
IP protection	IP66 (reflector); IP40 (structure)	IP66 (reflector); IP40 (structure)
IK protection	IK05	IK05
Class	I	III
Cable	H05 RN-F 3G1 2 m with 2P + T 10 A plug	H05 RN-F 2X1 2 m with VOL.2P 16 A 24 V plug (not connected)
Fixing	4 screws	4 screws

GM

ACCESSORIES

S11*



C80

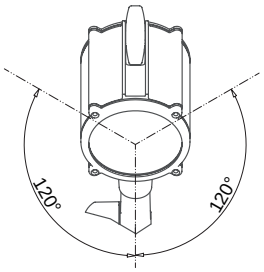
RL*

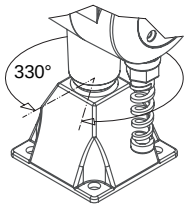
AMG

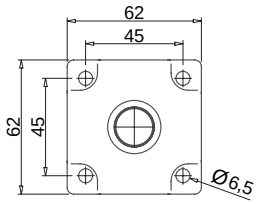
** the accessory requires the adapter AMG*

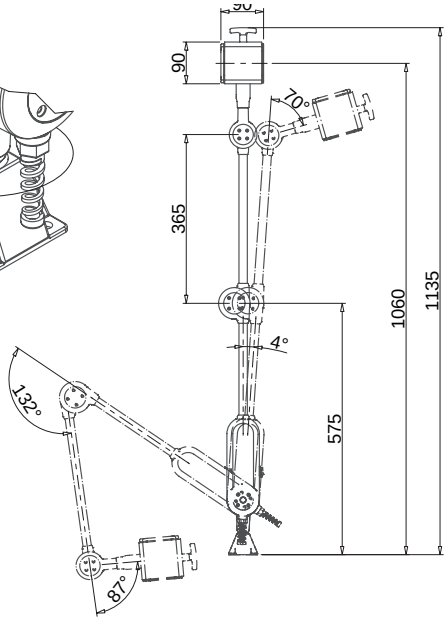
ORDER CODE

Low Voltage	**050LED-BT**
With Transformer	**050LED-TR**


120°
120°


330°


62
45
62
45
Ø6.5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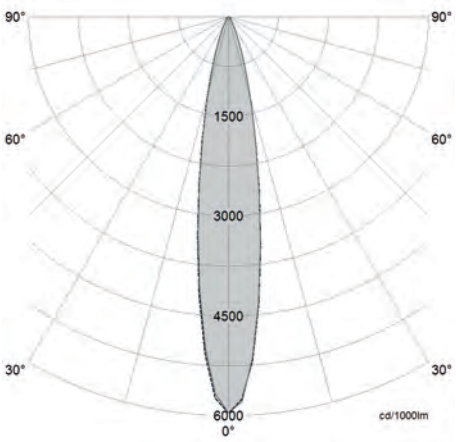
90
70°
365
1060
1135
4°
132°
575
87°


90°
90°
60°
60°
1500
3000
4500
30°
30°
6000
0°
cd/1000lm

GLED

The GLED model has a 3-joint arm of considerable length (1180 mm) which allows it to be used in circumstances where the operator is engaged in machining large parts or where ample-range movement of the light source is required. The product is available in the versions with transformer (TR) and with low voltage (BT).

Code	GLED-TR	GLED-BT
Power	7 W	7 W
Supply	220-240 V ac	12-24 V ac/dc
Illuminance at 50 cm	6.600 Lux	6.600 Lux
Lumen	270 lm	270 lm
Color temperature	5.500 K	5.500 K
Reflector's diameter	90 mm	90 mm
Structure	3 joints	3 joints
Product's life	50.000 hours	50.000 hours
IP protection	IP66 (reflector); IP40 (structure)	IP66 (reflector); IP40 (structure)
IK protection	IK05	IK05
Class	I	III
Cable	H05 RN-F 3G1 2 m with 2P + T 10 A plug	H05 RN-F 2X1 2 m with VOL.2P 16 A 24 V plug (not connected)
Fixing	4 screws	4 screws

GM

ACCESSORIES

S11*

RL*

AMG

** the accessory requires the adapter AMG*

ORDER CODE

Low Voltage	**GLED-BT**
With Transformer	**GLED-TR**

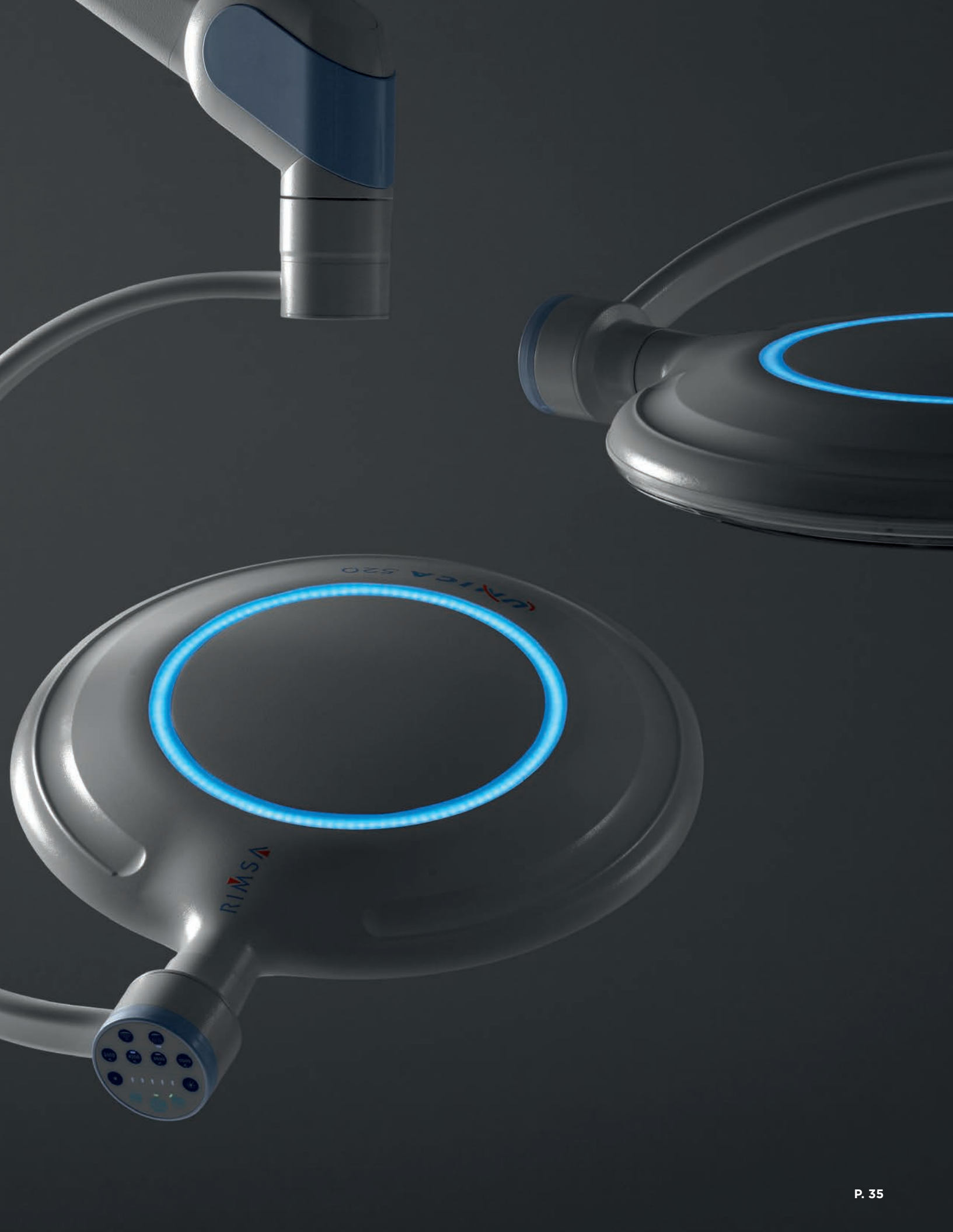
Special applications

RIMSA has been designing lighting equipment since 1936; over the years, RIMSA has acquired expertise in various sectors.

Initially, endeavours were only directed towards the industrial sector with the development of lamps for workbenches, machine tools, lathes, and industrial equipment. These are currently divided between the industrial segment and, since the 1970s, the medical segment.
RIMSA's products are specially developed for a technical/ industrial market; the sturdiness, reliability and technical solutions applied to the lamps are such as to ensure RIMSA products set the standards on the market. Some models, such as Mod. 10, have represented an era - still today it is easy to find them in Milan workshops.

Others have become cult objects to the point of being used as furnishing items in restaurants and shops. What makes us proud is the feedback from customers who write to us to let us know their satisfaction in using the same lamp which their parents worked with.

RIMSA is constantly looking for new solutions in order to offer its customers products best able to satisfy their needs and this is why RIMSA provides a customized R&D service.
For further information:
personalizzazioni@rimsa.it


LUXIDEA S20
RIMSA

L88 LED

188 LED

198 LED

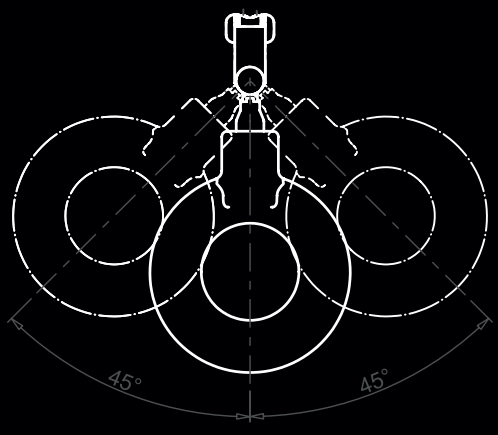
C Series

The products of the C Series present a 3 dioptres magnifying lens which allows the user to focus on the smallest details.

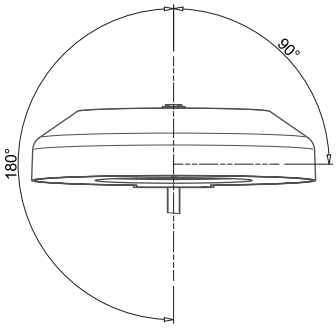
The appropriate magnification of an object puts the eye in a position to capture details more quickly, increasing the degree of precision.

Adding good lighting to a work area increases safety and reduces visual effort. The combination of these two elements with the aid of a comfortable arm allows the user to make the best use of his/her visual capabilities and expertise.

The lens used on the C Series models are made of polished optical glass in order to avoid visual fatigue, migraine headaches, distortions or misrepresentation of the colours of the object observed which would occur in the case of plastic lenses or other types of glass lenses. The lens has 3 dioptres, thus offering 175% more magnification than the original. The products of the C-Series are also available with intensity control function.




Bright
device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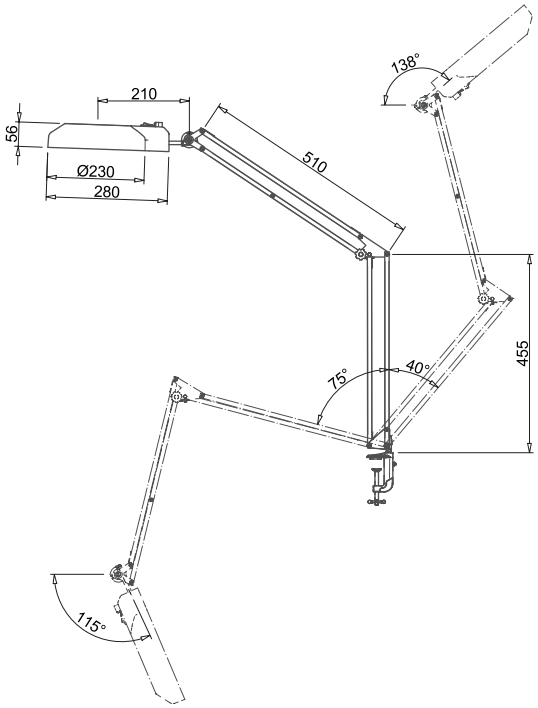
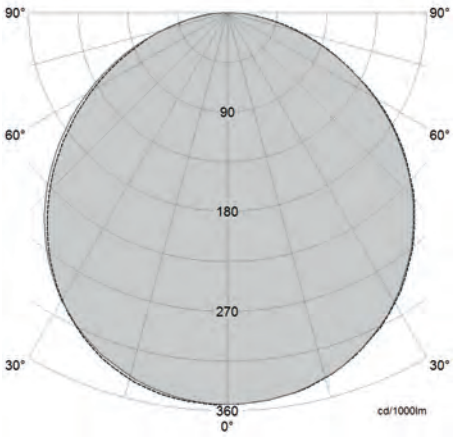
180°


210
56
Ø230
280
510
138°
455
75°
40°
115°


90°
90°
60°
60°
90
180
270
30°
30°
360
0°
cd/1000lm

188LED

The 188LED model is particularly suitable for industrial use for lighting during precision work such as quality control, control of printed circuit boards, and for mould making; in the graphic field for checking prints and lithographs and in the private sector for modelling, sewing, philately or reading. The product is suitable in the medical field for minor surgery, eye surgery, podiatry, dermatology, and in the beauty treatment sector, in spas or beauty centres.

Code	188-LED
Power	9,5
Supply	220-240 V
Illuminance at 50 cm	1.700 Lux
Lumen	1280 lm
Light Intensity Control (only available on dimmerable products)	0,5%-100%
Diopters	3 (175%)
Color temperature	6.500 K
Reflector's diameter	230 mm
Structure	Pantograph
Product's life	50,000 hours
IP protection	IP20
IK protection	IK03
Class	I
Cable	H03 VVF 3X0.75 1,75 m with 2P + T 10 A plug
Fixing	s/11 s/12 s/15 clamp

GM BM

ACCESSORIES


S11


S12

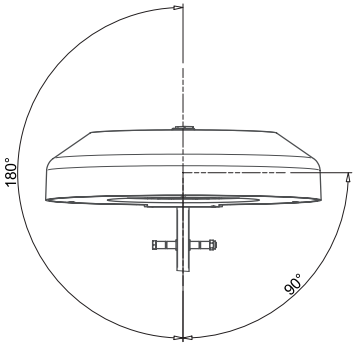

S15

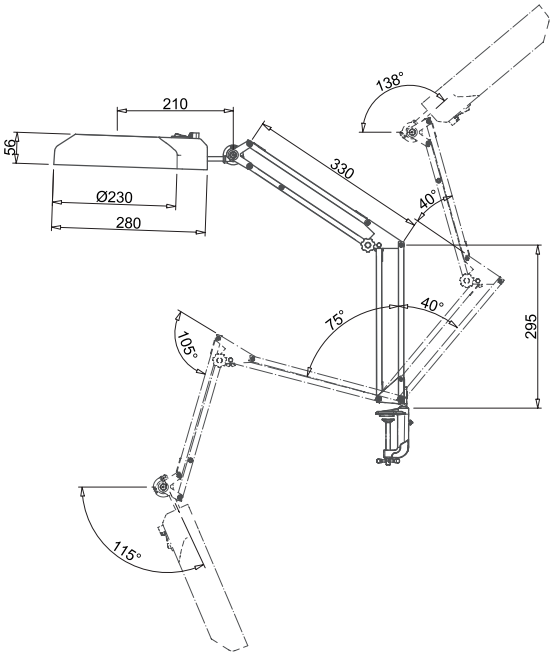

RL

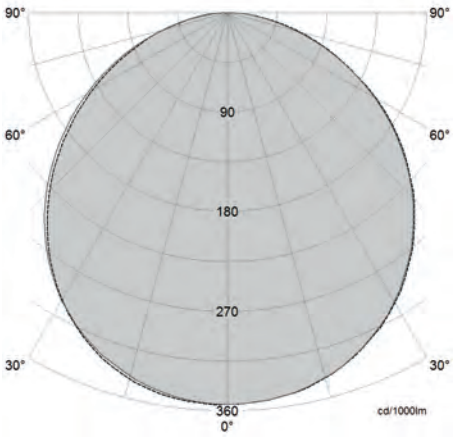
ORDER CODE

Hammered Grey	**188-LEDGM**
Hammered Grey with Dimmer	**188D-LEDGM**
Hammered White	**188-LEDBM**
Hammered White with Dimmer	**188D-LEDBM**


Bright
device


180°
90°


210
56
Ø230
280
138°
330
40°
40°
75°
105°
295
115°


90°
90°
60°
60°
90
180
270
30°
30°
360
0°
cd/1000lm

198LED

The 198LED model is purposely designed to be used on desks. Despite the limited extension of the pantograph arm its stability is guaranteed by ad-hoc engineered springs. The model can be fixed with clamps or with a desk base.

Code	198-LED
Power	9,5 W
Supply	220-240 V
Illuminance at 50 cm	1.700 Lux
Lumen	1280 lm
Light Intensity Control (only available on dimmerable products)	0,5%-100%
Diopters	3 (175%)
Color temperature	6.500 K
Reflector's diameter	230 mm
Structure	Pantograph
Product's life	50.000 ore
IP protection	IP20
IK protection	IK03
Class	I
Cable	H03 VVF 3X0.75 1,75 m with 2P + T 10 A plug
Fixing	S11/S15/S12 clamp

GM BM

ACCESSORIES


S11


S12


S15

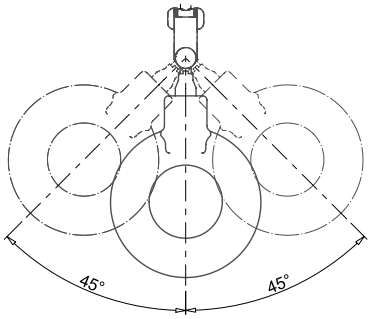

RL

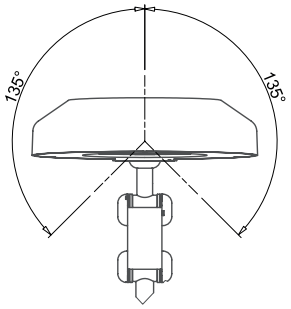

BASEPE

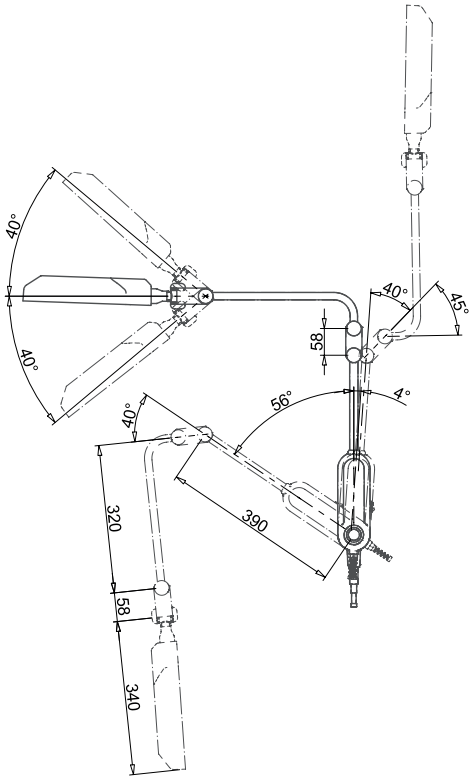
ORDER CODE

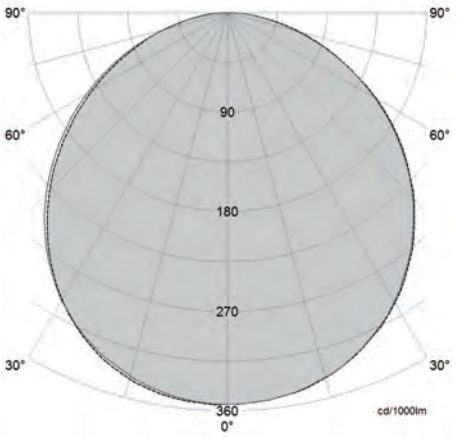
Hammered Grey	**198-LEDGM**
Hammered Grey with Dimmer	**198D-LEDGM**
Hammered White	**198-LEDBM**
Hammered White with Dimmer	**198D-LEDBM**


Bright
device


45°
45°


135°
135°


40°
40°
40°
45°
58
56°
4°
40°
320
390
58
340


90°
90°
60°
60°
90
180
270
30°
30°
360
0°
cd/1000lm

L88LED

The special arm available on the L88LED model allows for stability under strong vibrations. Because of its sturdiness, the product appears to be a very good companion in the industrial environment.

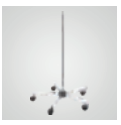
Code	L88-LED
Power	9,5 W
Supply	220-240 V
Illuminance at 50 cm	1.700 Lux
Lumen	1280 lm
Light Intensity Control (only available on dimmerable products)	0,5%-100%
Diopters	3 (175%)
Color temperature	6.500 K
Reflector's diameter	230 mm
Structure	3 Joints
Product's life	50.000 ore
IP protection	IP20
IK protection	IK03
Class	I
Cable	H03 VVF 3X0.75 1,75 m with 2P + T 10 A plug
Fixing	Morsetto S11/S15/S12

GM BM

ACCESSORIES

S11

S15



RL

ORDER CODE

Hammered Grey	**L88-LEDGM**
Hammered Grey with Dimmer	**L88D-LEDGM**
Hammered White	**L88-LEDBM**
Hammered White with Dimmer	**L88D-LEDBM**

166 LED

176 LED

The particular design of the reflector allows to obtain a unique light shape which is well appreciated where precision is sought. The D shape of the reflector allows you to light an entire document without ever moving it.

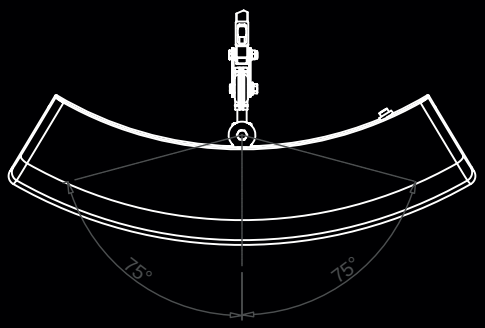
D-Series

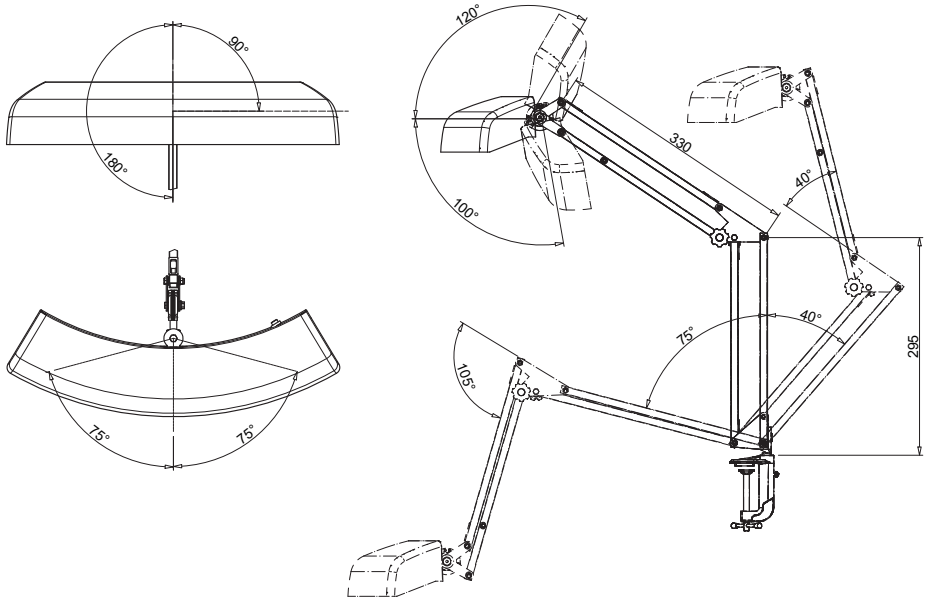
Matching a high degree of maneuverability afforded by the pantograph arm to an unparalled light quality guaranteed by the curved reflector, the products of the D-Series appear particularly versatile.

The products are overtly sturdy and reliable thus perfectly teaming up with hardness and hard-work.

The light intensity is complitely adjustable and the LEDs are mounted on a purposedly designed placque which ensures heat dissipation through its three layers: copper, ceramic and aluminium.

The products of the D-Series aim at offering a concrete and tangible solutions to all those users in need of light when writing a letter, drawing or googleing.




90°
180°
75°
75°
120°
100°
330
40°
40°
75°
105°
295

176LED

Given the reduced dimensions of the arms, the product is particularly intended to be used on tables. The industrial design of the product might prove to be the touch of style you need on your desk.

Code	176-LED
Power	20 W
Supply	220-240 V
Illuminance at 50 cm	2400 Lux
Lumen	1400 lm
Light Intensity Control (%)	0,5-100
Color temperature	6000
Reflector's diameter	40 cm
Movement	Pantograph
Product's life	50,000 hours
IP protection	IP20
IK protection	IK05
Class	I
Cable	H03 VVF 3X0.75 1,75 m with 2P + T 10 A plug
Fixing	s/11 s/12 s/15 clamp

GM BM

ACCESSORIES


S11


S12

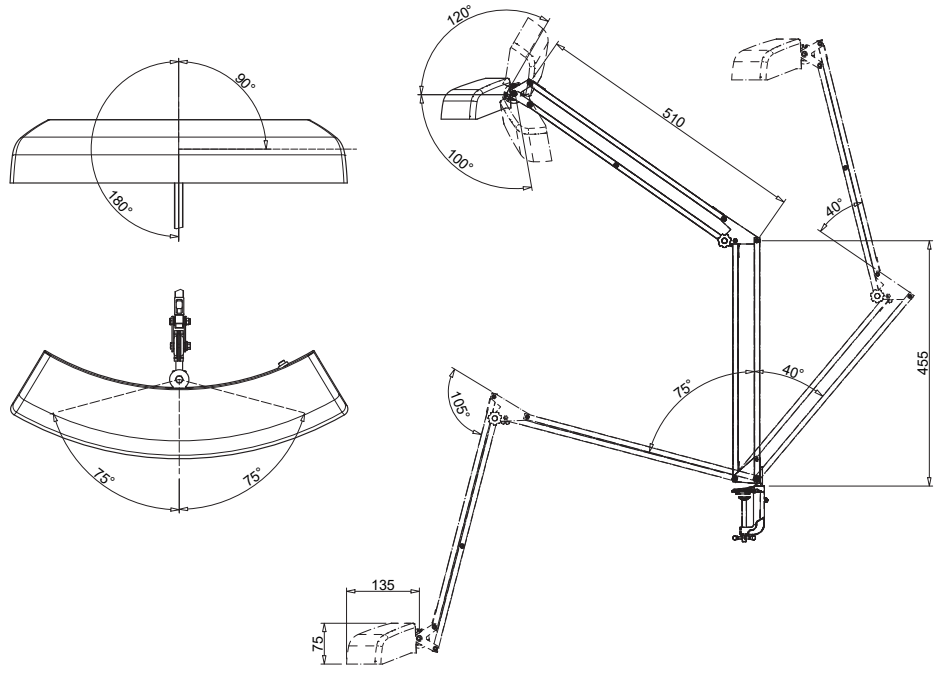

S15


RL


BASEPE

ORDER CODE

Hammered Grey	**176LEDGM**
Hammered White	**176LEDBM**


90°
180°
75°
75°
120°
100°
510
40°
40°
75°
105°
455
135
75

166LED

The unique shape of its diameter intends to offer a solution to all those lighting needs which are not wholly satisfied by traditional lighting. The pantograph arms allows for an extreme maneuverability.

Code	166-LED
Power	20 W
Supply	220-240 V
Illuminance at 50 cm	2400 Lux
Lumen	1400 lm
Light Intensity Control (%)	0,5-100
Color temperature	6000
Reflector's diameter	40 cm
Movement	Pantograph
Product's life	50,000 hours
IP protection	IP20
IK protection	IK05
Class	I
Cable	H03 VVF 3X0.75 1,75 m with 2P + T 10 A plug
Fixing	s/11 s/12 s/15 clamp

GM BM

ACCESSORIES


S11


S12


S15

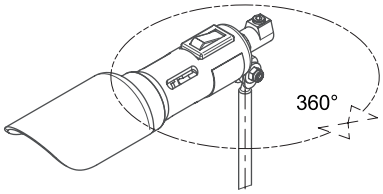

RL

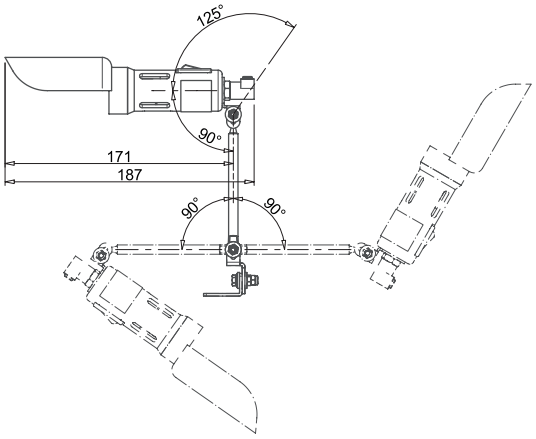
ORDER CODE

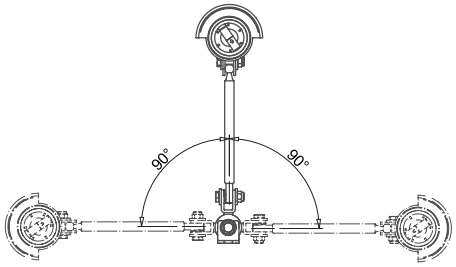
Hammered Grey	**166LEDGM**
Hammered White	**166LEDBM**

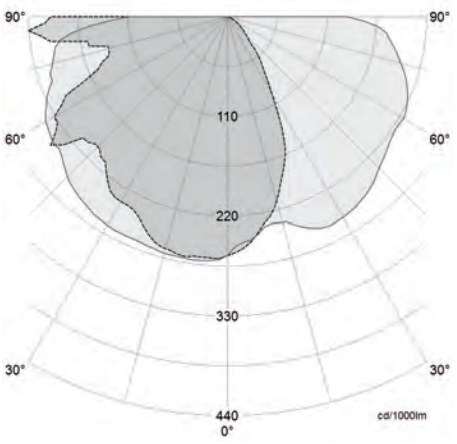
MC /1

Designed for applications requiring the presence of a small light source, the MC/1 is an excellent companion for column drills, operating machines, sewing machines, and for lighting paintings and works of art.


360°


125°
90°
171
187
90°
90°


90°
90°


90°
90°
60°
60°
110
220
330
30°
30°
440
0°
cd/1000lm

MC/1

The MC/1 model features a self-extinguishing glass fibre filled nylon moulded body. The lamp is controlled by a rocker switch located on the top of the device. The product is available in 230 V and 24 V versions.

Code	MC1	MC1CAL
Power	25 W	25 W
Supply	24 V	24 V
ES	E14	E14
Reflector's diameter	30 mm	30 mm
Structure	100 mm arm with 1 joint	100 mm arm with 1 joint
IP protection	IP20	IP20
Class	III	III
Cable	2x0,75 mm 100 cm with no plug (24 V)	2x0,75 mm 100 cm with no plug (24 V)
Fixing	fork	magnet

ORDER CODE

Black	**MC1**
With Magnet	**MC1CAL**

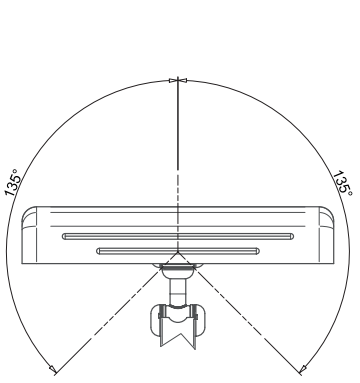

GIMSA

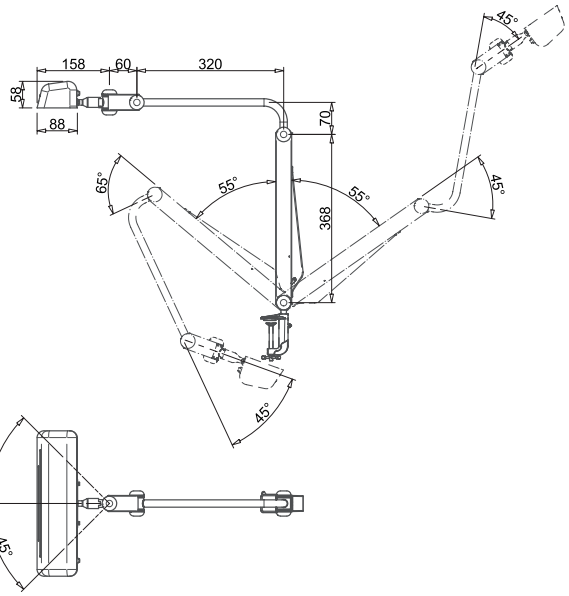
Gold
LED

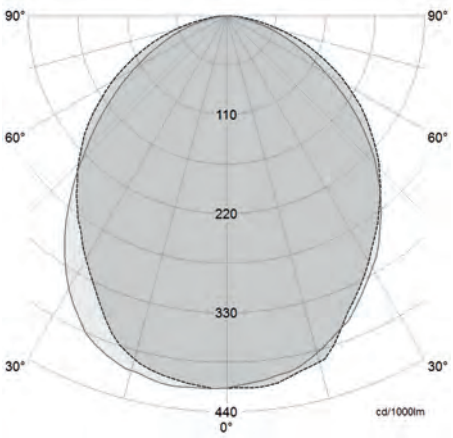
The four rows of LED lamps make the Gold-LED model particularly suitable for applications where diffused and uniform light is needed.

The LEDs used ensure excellent colour rendering and a colour temperature of 6400 K with light intensity adjustment option.


Bright
device


135°
135°


158
60
320
58
88
70
65°
55°
55°
368
45°
45°
45°
45°


90°
90°
60°
60°
110
220
330
30°
30°
440
0°
cd/1000lm

Gold LED

The Gold-LED model, thanks to its sturdy structure and because of its large rectangular reflector, is well suited in goldsmithery and where precision is needed. The BRIGHT device allows for the dimmering of light.

Code	GOLD-LED
Power	20 W
Supply	110-240 V
Illuminance at 50 cm	2.800 Lux
Lumen	700 lm
Light Intensity Control	0,5%-100%
Color temperature	6.500 K
Reflector's diameter	320 x 88 mm
Structure	3 Joints
Product's life	50.000 hours
IP protection	IP20
Class	I
Cable	H03 VVF 3X0.75 300 cm with Schuco plug
Fixing	s/11 s/12 s/15 clamp

GM BM

ACCESSORIES

S11

S15

RL

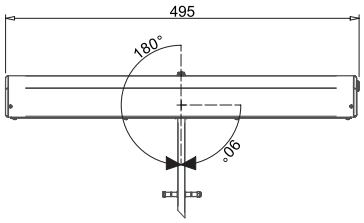
ORDER CODE

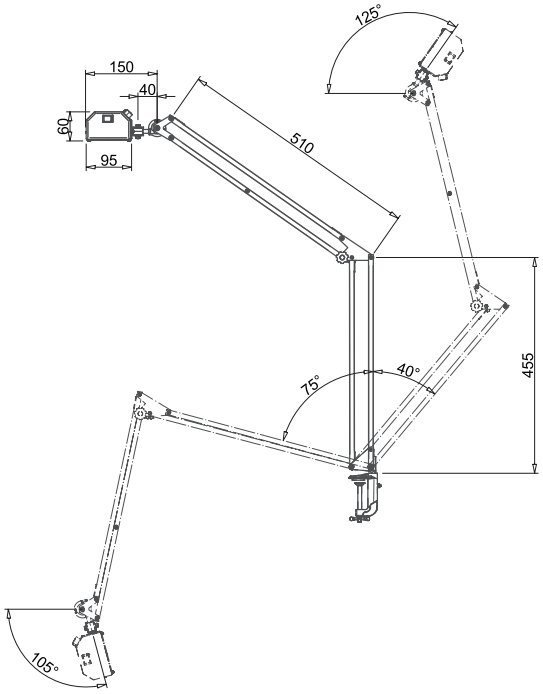
Hammered Grey	**GOLD-LEDGM**
Hammered White	**GOLD-LEDBM**

160LED

The wide rectangular reflector makes the product well suited in all those activities, which require a large illuminated surface.


Bright
device


495
180°
90°


125°
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510
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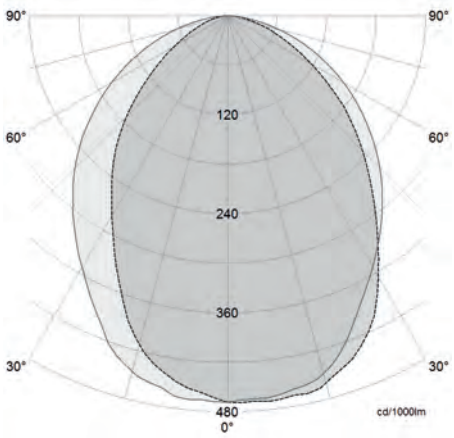
75°
40°
105°


90°
90°
60°
60°
120
240
360
30°
30°
480
0°
cd/1000lm

160LED

The 160-LED model provides diffused and stratified lighting. The product is designed to provide light at 6500 K and is therefore well suited for use in the goldsmithery field. Thanks to the large rectangular reflector, extensive working areas can be lit up.

Code	160LED
Power	20 W
Supply	110-240 V
Illuminance at 50 cm	2.400 Lux
Lumen	1600 lm
Light Intensity Control	0,5%-100%
Color temperature	6.500 K
Dimensions	495 x 95 mm
Structure	Pantograph
Product's life	50,000 hours
IP protection	IP20
IK protection	IK05
Class	I
Cable	H03 VVF 3X0.75 1,75 m with 2P + T 10 A plug
Fixing	s/11 s/12 s/15 clamp

GM BM

ACCESSORIES

S11

S12

S15

ORDER CODE

Hammered Grey	**160LEDGM**
Hammered White	**160LEDBM**

TLED40

TLED18

TLED12

PS20-2X39W

PS20-2X24W

PSLED40W-24VCC

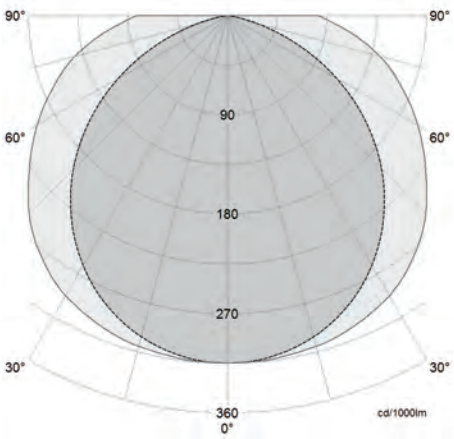
Ceiling lamps

RIMSA presents two types of ceiling lamps - cylindrical and rectangular. Cylindrical ceiling lamps are available in LED and fluorescent versions.

(Cylindrical) Watertight ceiling lamps

Code	Power	Color temperature	Lumen	Supply
Cylindrical LED PMMA				
LONG				
TLED40-24 TLED40-230	1 40 W TUBE WITH LED CIRCUITE	6500 K	6690 lm	24 V ca/ac 230 V
MEDIUM				
TLED18-24 TLED18-230*	1 18 W TUBE WITH LED CIRCUITE	6500 K	3060 lm	24 V ca/ac 230 V
SHORT				
TLED12-24 TLED12-230	1 12 W TUBE WITH LED CIRCUITE	6500 K	2100 lm	24 V ca/ac 230 V
Cylindrical LED glass				
LONG				
VTLED40-24 VTLED40-230	1 40 W TUBE WITH LED CIRCUITE	6500 K	6690 lm	24 V ca/ac 230 V
MEDIUM				
VTLED18-24 VTLED18-230*	1 18 W TUBE WITH LED CIRCUITE	6500 K	3060 lm	24 V ca/ac 230 V
SHORT				
VTLED12-24 VTLED12-230	1 12 W TUBE WITH LED CIRCUITE	6500 K	2100 lm	24 V ca/ac 230 V
Cylindrical fluorescent PMMA				
LONG				
TFTL36-24 TFTL36-230*	1 36 W FLUORESCENT TUBE	6500 K	3350 lm	24 V 2G13 230 V 2G13
MEDIUM				
TFC36-24 TFC36-230*	1 36 W COMPACT FLUORESCENT TUBE	6500 K	2900 lm	24 V 2G11 230 V 2G11
SHORT				
TFC18-24 TFC18-230*	1 18 W COMPACT FLUORESCENT TUBE	6500 K	1200 lm	24 V 2G11 230 V 2G11
Cylindrical fluorescent glass				
LONG				
VTFTL36-24 VTFTL36-230*	1 36 W FLUORESCENT TUBE	6500 K	3350 lm	24 V 2G13 230 V 2G13
MEDIUM				
VTFC36-24 VTFC36-230*	1 36 W COMPACT FLUORESCENT TUBE	6500 K	2900 lm	24 V 2G11 230 V 2G11
SHORT				
VTFC18-24 VTFC18-230*	1 18 W COMPACT FLUORESCENT TUBE	6500 K	1200 lm	24 V 2G11 230 V 2G11

*Available in 115V. To order substitue 230 with 115 in the code.



The polymethyl methacrylate product body offers excellent resistance to acids, diluted alkaline solutions, greases and oils.
The cylindrical body, in scratch-resistant PMMA (polymethyl methacrylate) or, on request, in borosilicate glass, dia. 70 mm, contains a LED or fluorescent lamp with two end caps. By tightening the three screws on the side caps, an O-ring is compressed and adheres perfectly to the inner wall of the cylinder. This closure guarantees a watertight seal of the IP 67 type. Watertight ceiling lamps are particularly suitable for lighting up machine tool work areas, where well-layered linear lighting of both the spindle and the work area is required. The machine tool operator always has excellent lighting even in the presence of water jets and coolant emulsions. The TF Series of watertight ceiling lamps is also suitable for machines with strong vibrations. The TF Series watertight ceiling lamps are available in three different lengths. Operating temperature max. 60°C.

	tube Ø	Length	Body	IP Protection	IK Protection	Class	Cable	Fixing
	70 mm	1510 mm	CYLINDRICAL IN PMMA	IP67	IK07	III II	NONE	2 LOCKING BRACKETS
	70 mm	707 mm	CYLINDRICAL IN PMMA	IP67	IK07	III II	NONE	2 LOCKING BRACKETS
	70 mm	505 mm	CYLINDRICAL IN PMMA	IP67	IK07	III II	NONE	2 LOCKING BRACKETS
	70 mm	1510 mm	CYLINDRICAL IN PYREX GLASS	IP67	IK07	III II	NONE	2 LOCKING BRACKETS
	70 mm	707 mm	CYLINDRICAL IN PYREX GLASS	IP67	IK07	III II	NONE	2 LOCKING BRACKETS
	70 mm	505 mm	CYLINDRICAL IN PYREX GLASS	IP67	IK07	III II	NONE	2 LOCKING BRACKETS
	70 mm	1510 mm	CYLINDRICAL IN PMMA	IP67	IK07	III I	NONE	2 LOCKING BRACKETS
	70 mm	707 mm	CYLINDRICAL IN PMMA	IP67	IK07	III I	NONE	2 LOCKING BRACKETS
	70 mm	512 mm	CYLINDRICAL IN PMMA	IP67	IK07	III I	NONE	2 LOCKING BRACKETS
	70 mm	1510 mm	CYLINDRICAL IN PYREX GLASS	IP67	IK07	III I	NONE	2 LOCKING BRACKETS
	70 mm	707 mm	CYLINDRICAL IN PYREX GLASS	IP67	IK07	III I	NONE	2 LOCKING BRACKETS
	70 mm	512 mm	CYLINDRICAL IN PYREX GLASS	IP67	IK07	III I	NONE	2 LOCKING BRACKETS

(Rectangular) Ps
ceiling lamps

The PSLED products are made from an aluminium extrude which optimally dissipate heath thus allowing for an extrimely long working life.

Code	Power	Color Temperature	Lumen	Light Intensity at 50 cm	Supply	Dimension
LONG						
PS2039X2-230	2 T5 FLUORESCENT TUBES	4000 K	7000 lm	3500 Lux	39W G5	920 x 130 x 29H mm
MEDIUM						
PS2024X2-230	2 T5 FLUORESCENT TUBES	4000 K	3800 lm	2000 Lux	24W G5	620 x 130 x 29H mm

Code	Power	Supply	Color Temperature	Lumen	Light Intensity at 50 cm
PSLED40W-24VCC	40 W	22-36 V	5200 K	4900 lm	8000 Lux
PSLED40W-24VCC-45R	40 W	22-36 V	5200 K	4900 lm	8000 Lux

Designed to reduce the overall dimensions of the lighting fixture, increase lumen output, and optimize the cooling of the internal electronic circuit, the products of the PS Series provide exceptional resistance to impact from chips.
The side parts in moulded polymeric material are screwed directly onto the extruded aluminium body, while the front of the ceiling lamp is covered by a 4 mm tempered Pyrex glass screen, perfectly sealed with a polyurethane gasket. Protection degree IP67. The tempered glass is fixed to the aluminium body by means of plastic screw fasteners. The electronic supply unit and T5 fluorescent tubes are located inside the ceiling lamp. The lumen output of the T5 fluorescent tubes is reflected by a specially designed diffuser screen. All the materials are resistant to common solvents, degreasing agents, and lubricant and coolant emulsions. The side cap features the connection terminal for connection to the external cable, with maximum dimensions of M20x1.5 mm. To access the electrical connection terminal, first remove the cable gland sealed with an O-ring. It is not therefore necessary to disassemble the ceiling lamp in order to connect it electrically to the machine. This saves time for the installer and reduces the possibility of reassembly error. The high quality (and good cooling) of the electronic supply unit and T5 fluorescent tubes are a prerequisite for a lamp service life of 20,000 hours. The electronic supply unit includes active power factor compensation, rapid ignition control, and protection against fluorescent tube removal during operation. The lighting device is fixed to the machine by means of techno-polymer stops fitted in the lower guides on the side of the aluminium body; 4 stops are included in the standard delivery. All lighting devices are supplied with 840-grade fluorescent tubes. Operating temperature max. 50°C.

	Protection	Body	IP Protection	IK Protection	Class	Cable	Fixing
	TEMPERED GLASS	ALUMINIUM EXTRUDE	IP67	IK08	I	NONE	HOOKS
	TEMPERED GLASS	ALUMINIUM EXTRUDE	IP67	IK08	I	NONE	HOOKS

	Dimension	Protection	Body	IP Protection	Class	Fixing
	31 x 320 x 94H mm	TEMPERED GLASS	EXTRUDED ALUMINIUM	IP69	III	PLASTIC JOINTS
	31 x 320 x 94H mm	TEMPERED GLASS	EXTRUDED ALUMINIUM	IP69	III	PLASTIC JOINTS

The PSLED is particularly intended for illuminating working areas where there are continous pressurized jets of cooling fluids. The IP69 protection of the product made it suitable for the most extreme industrial applications. The lamp body is made of an extruded aluminium profile and a tempered glass is positioned on top of the product in order to protect the light source. Robotically-applied silicone seals provide an excellent resistance to fluids. The optical system is made of special aspherical plastic optics which can be adjusted to the needs; they are available standard (emitting a vertical flux of light) or at 45 degree thus producing a light beam inclined of 45 degrees. The asymmetric design of optical elements is particularly suitable for mounting on the side wall of CNC machines. The product is gauranteed a lifetitime of over 50.000 hrs.

Accessories

Code	S11
Description	S11 clamp

NM GM BM NE GR BI NG

Code	S12
Description	S12 clamp

NM GM BM NE GR BI

Code	S15
Description	S15 clamp

NM GM BM NE GR BI

Code	AS2
Description	Adaptor for S11, S15, RL and BASEPE

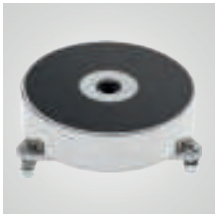
Code	AS2
Description	Adaptor for S11, S15, RL and BASEPE

Code	BASEPE
Dimensions	Diameter 256
Weight	10,1 kg
Description	Heavy base (10,1kg)

GM BM NE GR BI NG

Code	GP
Description	Reflector's protection cage diameter 165mm

NM



Code	C70
Description	Magnet, diameter 71 mm

Code	C80
Description	Magnet, diameter 82mm

Code	RL
Dimension	H:800 mm, W:610 mm
Description	Wheeled base

BI

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RESEARCH & COMPONENTS
HAND-MADE IN ITALY

ISO 9001:2008 ISO13485:2012