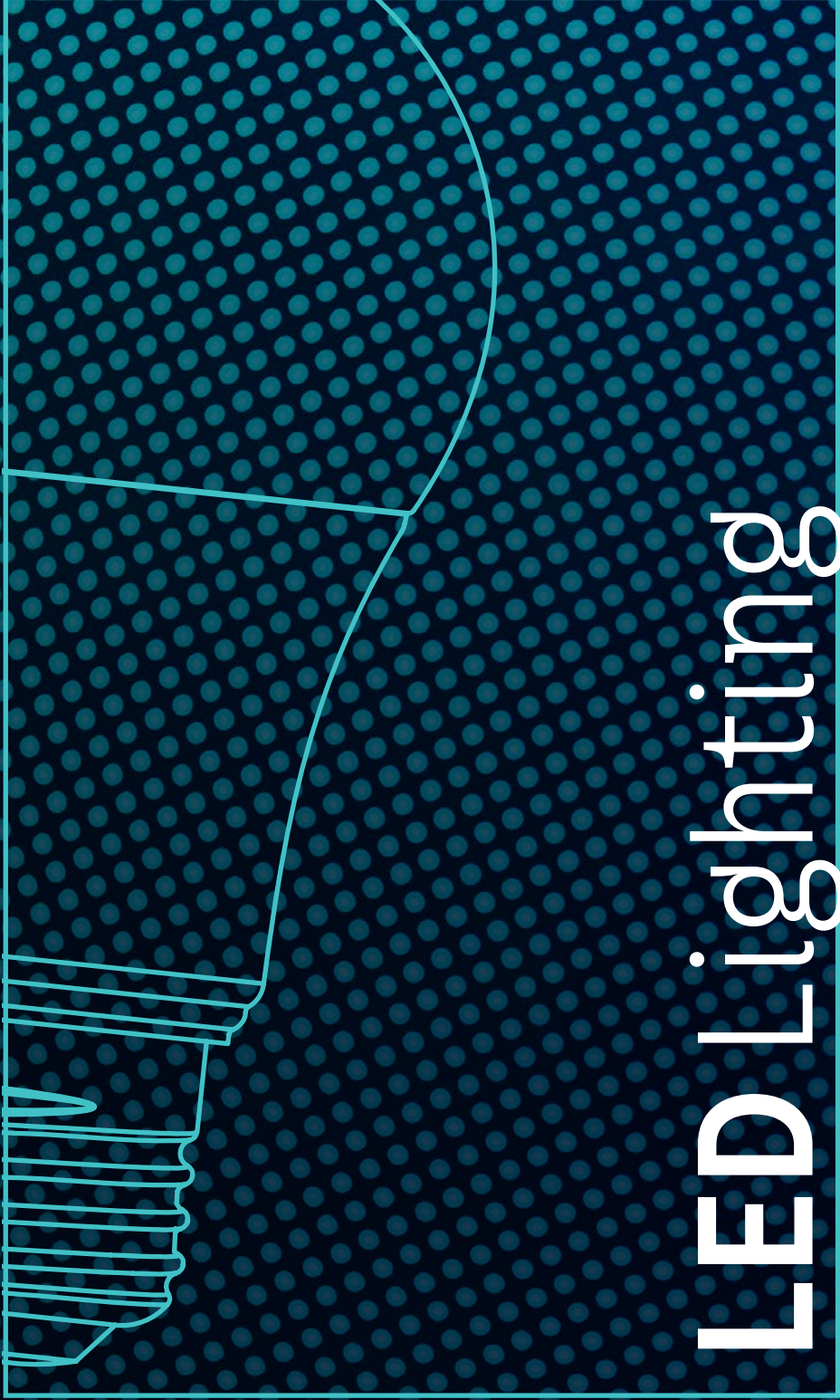


TRAMONTINA



LED Lighting

Iluminación LED



# LED Lighting

## Iluminación LED

Tramontina introduces the new collection of LED products for the Lighting segment.

It now includes the additional items that were missing in Tramontina's product mix for the Electrical Material segment.

Bulbs, GU10, PAR, Tubes, High Power, Low Bay, Plafonds, Light Fixtures, UFO, Reflectors.

Tramontina LED bulbs feature latest generation technology, illuminate more and consume less energy. They are more efficient and offer a longer service life than conventional bulbs.

Environmentally sound, the LED bulbs do not contain toxic materials, do not emit infrared or ultraviolet radiation. They are recyclable, helping to preserve the environment.

With a longer service life and less need for replacement, they offer savings in maintenance. They are resistant to impacts, vibration and temperature variations, when compared with electronic fluorescent bulbs.

To learn more about Tramontina LED products, place your cell phone over the QR CODE below and get access to the digital version of the LED Lighting Program.

LED BULB / LED GU10 / LED PAR / LED TUBE / HIGH POWER / LED LOW BAY  
LED PLAFON / LED LIGHT FIXTURE / LED UFO / REFLECTORS

Tramontina presenta la nueva colección de productos LED para el segmento de Iluminación.

Ahora incluye los complementos que faltaban en el mix de productos Tramontina para el segmento de Materiales Eléctricos.

Bulbos, GU10, PAR, Tubas, Alta Potencia, Low Bay, Plafones, Luminarias, UFO, Reflectores.

Las lámparas LED Tramontina presentan tecnología de última generación, iluminan más y consumen menos energía. Son más eficientes y brindan más vida útil que las lámparas convencionales.

Ecológicamente correctas, las lámparas LED no presentan materiales tóxicos, no emiten radiación infrarroja y ultravioleta.

Son reciclables y contribuyen a conservar el medio ambiente. Con una vida más larga y gracias a su menor necesidad de reemplazo, ofrecen ahorro de mantenimiento. Son resistentes a los impactos, las vibraciones y variaciones de temperatura al compararlas con las fluorescentes electrónicas.

Para obtener más información sobre los productos LED Tramontina, ubique su celular sobre el QR CODE a continuación y acceda a la versión digital del Programa de Iluminación LED.

BULBO LED / GU10 LED / PAR LED / TUBO LED / ALTA POTENCIA  
LOWBAY LED / PLAFÓN LED / LUMINARIA LED / UFO LED / REFLECTORES

## LUMINOUS FLUX [LM]

Is the quantitative measure of how much light is produced by a luminous source.

## FLUJO LUMINOSO [LM]

Es el valor cuantitativo de la cantidad de luz que una fuente luminosa está emitiendo.

## LUMINOUS EFFICIENCY [LM/W]

Is the ratio of power [in Watts] we need to produce a certain amount of light [lm].

## EFICIENCIA LUMINOSA [LM/W]

Es la razón entre la potencia [Watts] que necesitamos gastar para emitir cierta cantidad de luz [lm].

## COLOR TEMPERATURE [K]

Is the color of the light produced by a luminous source. The higher the color temperature, the whiter the color of the light.

## TEMPERATURA DE COLOR [K]

Es el aspecto cromático de la luz emitida por determinada fuente luminosa. Cuánto más alta sea la temperatura de color, más blanca es la tonalidad de la luz emitida.

### YELLOW LIGHT | LUZ AMARILLA



Yellow lights are used to create a calm, cozy atmosphere.

Las luces amarillas se usan en ambientes en los que se desea crear una atmósfera tranquila y acogedora.

### NEUTRAL LIGHT | LUZ NEUTRA



Neutral lights are ideal for work environments, facilitating and intensifying focus.

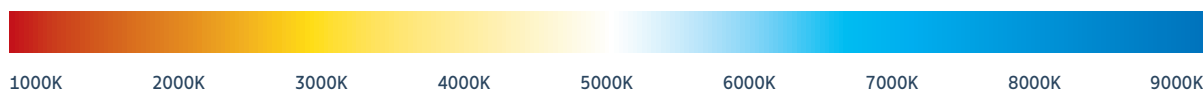
Las luces neutras son ideales para ambientes de trabajo, facilitando e intensificando el foco en las actividades.

### WHITE LIGHT | LUZ BLANCA



White lights provide a cold, clean environment for better performance, high levels of attention and agility.

Las luces blancas proporcionan sensación de un ambiente frío y clean, necesitando mayor rendimiento, altísimo nivel de atención y agilidad.



## COLOR RENDERING INDEX – CRI ÍNDICE DE REPRODUCCIÓN DE COLOR – IRC

Measured on a scale of 0 to 100, it is the quantitative measure of a light source's ability to reveal the colors of various objects in comparison with a natural light source.

The higher this number, the better the quality of the light source.

Expresado en una escala de 0 a 100, es la medida cuantitativa de la capacidad de la fuente luminosa para reproducir el color de varios objetos, en comparación a una fuente de luz natural.

Cuanto mayor es este número, mejor es la calidad de luz de esa fuente luminosa.



IRC 100



IRC 80



IRC 60

**06** LED BULB LAMP  
BOMBILLO LED

**08** PAR LED

**10** LED TUBE  
TUBO LED

**12** HIGH POWER LED  
LED DE ALTA POTENCIA

**14** LOWBAYLED

**16** PLAFONLED

**20** LED LIGHT FIXTURE  
LUMINARIA LED

**22** UFOLED

**24** REFLECTORS LED  
REFLECTORES LED

**26** SPOT LED



# Led Bulb Lamp Bombillo Led



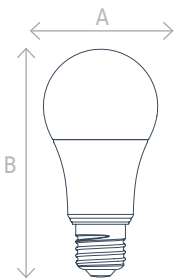
# Led Bulb Lamp | Bombillo Led

Our **Bulbo light bulbs** replace conventional incandescent and electronic [LFC] bulbs.

Ideal for use in indoor spaces such as living rooms, hotels, offices and restaurants.

Las **lámparas Bulbo** reemplazan las convencionales lámparas incandescentes y electrónicas [LFC].

Ideales para su utilización en ambientes internos como livings, hoteles, oficinas y restaurantes.



**BASE E27**



TEMPERATURE  
TEMPERATURA 6500K

EQUIVALENCE  
EQUIVALENCIA

| power<br>potencia<br>[W] | ref.   | lumens<br>lúmenes<br>[lm] | dimension<br>dimensión [mm] |     | pkg.<br>emb.<br>master | EQUIVALENCE<br>EQUIVALENCIA |       |
|--------------------------|--------|---------------------------|-----------------------------|-----|------------------------|-----------------------------|-------|
|                          |        |                           | A                           | B   |                        | inc.                        | comp. |
| 9                        | 58020/ | 810                       | 60                          | 113 | 100                    | 60                          | 16    |
| 15                       |        | 1250                      | 65                          | 118 | 20                     | 80                          | 23    |



# PAR Led





Our **PAR models** have a directional beam angle to highlight spaces. They are ideal for the internal lighting of stores, restaurants and hotels.

Las **lámparas PAR** permiten que la iluminación se dirija, destacando el ambiente. Utilizadas para iluminación interna en tiendas, restaurantes y hoteles.



**BASE E27**

| power<br>potencia<br>[W] | ref.   | lumens<br>lúmenes<br>[lm] | TEMPERATURE<br>TEMPERATURA |       | dimension<br>dimensión [mm] |      | pkg.<br>emb.<br>master | EQUIVALECE<br>EQUIVALENCIA |       |
|--------------------------|--------|---------------------------|----------------------------|-------|-----------------------------|------|------------------------|----------------------------|-------|
|                          |        |                           | 6500K                      | 3000K | A                           | B    |                        | inc.                       | comp. |
| <b>PAR 20</b>            |        |                           |                            |       |                             |      |                        |                            |       |
| 7                        | 58022/ | 900                       | 58022/                     | 525   | 63                          | 81,5 | 60                     | 50                         | -     |



# Led Tube Tubo Led



Our **Tubo LED tubes** are here to replace fluorescent tube lights. These lights are more efficient as they do not require a ballast. Ideal for kitchens, laundry rooms and garages.

Las lámparas **Tubo LED** llegaron para reemplazar las fluorescentes tubulares. Más eficientes, no requieren reactores. Ideales para usar en la cocina, lavandería y garajes



**BASE G13**



TEMPERATURE  
TEMPERATURA 6500K

EQUIVALENCE  
EQUIVALENCIA



| power<br>potencia<br>[W] | ref.   | lumens<br>lúmenes<br>[lm] | material        | dimension<br>dimensión [mm] |    |   | pkg.<br>emb.<br>master | fluor. |
|--------------------------|--------|---------------------------|-----------------|-----------------------------|----|---|------------------------|--------|
|                          |        |                           |                 | A                           | B  | C |                        |        |
| 10                       | 58023/ | 900                       | glass<br>vidrio | 598                         | 26 | - | 25                     | 18     |
| 20                       |        | 1850                      | glass<br>vidrio | 1198                        | 26 | - | 25                     | 36     |



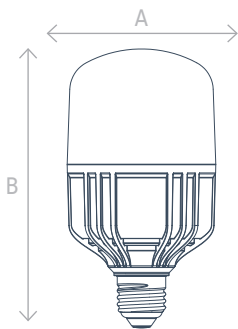
# High Power Led Led de Alta Potencia



# High Power Led | Led de Alta Potencia

Our **High-Power light bulbs** have a distinctive shape that allows for a wider beam angle and intense luminous flux. Ideal for sheds, warehouses and factories.

Las lámparas de **Alta Potencia** se caracterizan por su formato diferenciado, proporcionando un ángulo mayor de alcance y un flujo luminoso intenso. Ideal para galpones, depósitos y fábricas.



**BASE E27**



TEMPERATURE  
TEMPERATURA 6500K

EQUIVALENCE  
EQUIVALENCIA

| power<br>potencia<br>[W] | ref.   | lumens<br>lúmenes<br>[lm] | dimension<br>dimensión [mm] |     |        | pkg.<br>emb. | comp. |
|--------------------------|--------|---------------------------|-----------------------------|-----|--------|--------------|-------|
|                          |        |                           | A                           | B   | master |              |       |
| 20                       | 58025/ | 1600                      | 60                          | 108 | 100    | 29           |       |
| 30                       |        | 2400                      | 70                          | 110 | 150    | 41           |       |
| 40                       |        | 3200                      | 80                          | 135 | 200    | 56           |       |
| 50                       |        | 400                       | 100                         | 158 | 240    | 67           |       |



# Lowbay Led



Our **Lowbay Led light bulbs** have a distinctive shape that allows for a wider beam angle and intense luminous flux. These bulbs, with attachments, can be used as lamps.

A complete solution for lighting large spaces that require high luminous intensity.

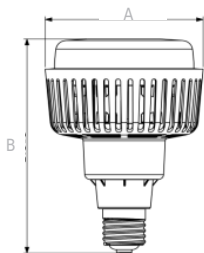
Designed for applications in industries, warehouses and large surface areas with high ceilings.

Las **lámparas Lowbay Led** se caracterizan por su formato diferenciado, proporcionando un ángulo mayor de alcance y un flujo luminoso intenso.

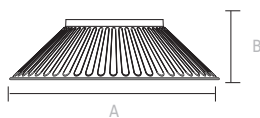
Estas lámparas, con accesorios, se convierten en una luminaria.

Solución completa para iluminar grandes espacios que requieren alta intensidad luminosa.

Desarrolladas para aplicación en industrias, depósitos y áreas de gran superficie y con altura elevada.



**BASE E40**



TEMPERATURE  
TEMPERATURA 6500K

| power<br>potencia | ref.   | lumens<br>lúmenes | dimension<br>dimensión [mm] |     | pkg.<br>emb. |
|-------------------|--------|-------------------|-----------------------------|-----|--------------|
| [W]               |        | [lm]              | A                           | B   | master       |
| 62                | 58025/ | 5500              | 145                         | 218 | 6            |

Lamp cover for Led Lowbay | Cubierta de la Lámpara Led Lowbay

| power<br>potencia | ref.   | dimension<br>dimensión [mm] |     | pkg.<br>emb.. |
|-------------------|--------|-----------------------------|-----|---------------|
| [W]               |        | A                           | B   | master        |
| 62                |        | 345                         | 108 | 10            |
| 80                | 58025/ | 368                         | 103 | 10            |

Coverage is sold separately.  
La cobertura se vende por separado.



# Plafon Led





## indirect lighting | iluminación indirecta

Our LED downlights replace traditional downlights, with the benefit of being much more economical and efficient.

They can be used in indoor areas, such as living rooms, bedrooms and halls.

Los Plafones LED reemplazan los plafones tradicionales, con la ventaja de ser mucho más económicos y eficientes.

Se pueden usar en ambientes internos como livings, dormitorios y corredores.

TEMPERATURE  
TEMPERATURA 6500K

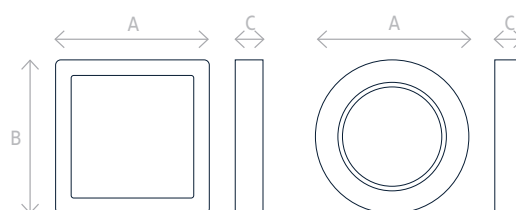
| power<br>potencia                           | ref.   | lumens<br>lúmenes | dimension<br>dimensión [mm] |     |    | hurricane<br>huracán<br>[mm] | pkg.<br>emb.<br>master |
|---|--------|-------------------|-----------------------------|-----|----|------------------------------|------------------------|
|   |        |                   | A                           | B   | C  |                              |                        |
| [W]   |        | [lm]              |                             |     |    |                              |                        |
| <b>OVERLAP SQUARE   SOBREPONER CUADRADO</b> |        |                   |                             |     |    |                              |                        |
| 12  | 58026/ | 800               | 160                         | 160 | 28 | -                            | 40                     |
| 18  |        | 1260              | 220                         | 220 | 28 | -                            | 30                     |
| 24  |        | 1920              | 290                         | 290 | 28 | -                            | 20                     |
| <b>OVERLAP ROUND   SOBREPONER REDONDO</b>   |        |                   |                             |     |    |                              |                        |
| 12  | 58026/ | 800               | 160                         | 160 | 28 | -                            | 40                     |
| 18  |        | 1260              | 220                         | -   | 28 | -                            | 30                     |
| 24  |        | 1920              | 290                         | -   | 28 | -                            | 20                     |
| <b>INLAY SQUARE   EMPOTRADO CUADRADO</b>    |        |                   |                             |     |    |                              |                        |
| 12  | 58026/ | 800               | 169                         | 169 | 18 | 155                          | 40                     |
| 18  |        | 1260              | 220                         | 220 | 18 | 205                          | 30                     |
| 24  |        | 1920              | 295                         | 295 | 18 | 285                          | 20                     |
| <b>INLAY ROUND   EMPOTRADO REDONDO</b>      |        |                   |                             |     |    |                              |                        |
| 12  | 58026/ | 800               | 169                         | -   | 18 | 155                          | 40                     |
| 18  |        | 1260              | 220                         | -   | 18 | 205                          | 30                     |
| 24  |        | 1920              | 295                         | -   | 18 | 285                          | 20                     |



slim model  
modelo slim



slim model  
modelo slim



# Plafon Led





**HAS INTERNAL DRIVER  
TIENE DRIVER INTERNO**

| power<br>potencia                           | TEMPERATURE<br>TEMPERATURA 6500K |                   | TEMPERATURE<br>TEMPERATURA 4000K |                   | TEMPERATURE<br>TEMPERATURA 3000K |                   | dimension<br>dimensión [mm] |     |      | hurricane<br>huracán<br>[mm] | pkg.<br>emb. |
|---|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|-----------------------------|-----|------|------------------------------|--------------|
|   | ref.                             | lumens<br>lúmenes | ref.                             | lumens<br>lúmenes | ref.                             | lumens<br>lúmenes |                             |     |      |                              |              |
| [W]   |                                  | [lm]              |                                  | [lm]              |                                  | [lm]              | A                           | B   | C    |                              | master       |
| <b>OVERLAP SQUARE   SOBREPONER CUADRADO</b> |                                  |                   |                                  |                   |                                  |                   |                             |     |      |                              |              |
| 12  | 58026/                           | 1050              |                                  |                   |                                  |                   | 173                         | 173 | 35   | -                            | 30           |
|   |                                  |                   |                                  |                   | 58026/                           | 1000              | 180                         | 180 | 36,5 | -                            | 24           |
| 18  | 58026/                           | 1600              | 58026/                           | 1600              |                                  |                   | 226                         | 226 | 35   | -                            | 30           |
|   |                                  |                   |                                  |                   | 58026/                           | 1500              | 230                         | 230 | 37   | -                            | 20           |
| 24  | 58026/                           | 2200              | 58026/                           | 2200              |                                  |                   | 300                         | 300 | 32   | -                            | 20           |
| <b>OVERLAP ROUND   SOBREPONER REDONDO</b>   |                                  |                   |                                  |                   |                                  |                   |                             |     |      |                              |              |
| 12  | 58026/                           | 92976 8           |                                  |                   |                                  |                   | 174                         | -   | 35   | -                            | 30           |
|   |                                  |                   | 58026/                           | 1000              | 58026/                           | 1000              | 180                         | -   | 36,5 | -                            | 24           |
| 18  | 58026/                           | 92979 9           |                                  |                   |                                  |                   | 226                         | -   | 35   | -                            | 30           |
|   |                                  |                   | 58026/                           | 1500              | 58026/                           | 1500              | 230                         | -   | 37   | -                            | 20           |
| 24  | 58026/                           | 94591 1           |                                  |                   |                                  |                   | 300                         | -   | 32   | -                            | 20           |
|   |                                  |                   |                                  |                   | 58026/                           | 2000              | 230                         | -   | 37   | -                            | 20           |
| <b>INLAY SQUARE   EMPOTRADO CUADRADO</b>    |                                  |                   |                                  |                   |                                  |                   |                             |     |      |                              |              |
| 6   |                                  |                   | 58026/                           | 480               | 58026/                           | 480               | 115                         | 115 | 26   | 100                          | 24           |
|   | 58026/                           | 420               |                                  |                   |                                  |                   | 120                         | 120 | 26,5 | 100                          | 90           |
| 12  |                                  |                   | 58026/                           | 1000              | 58026/                           | 1000              | 168                         | 168 | 26   | 150                          | 24           |
|   | 58026/                           | 1050              |                                  |                   |                                  |                   | 175                         | 175 | 26,5 | 150                          | 30           |
| 18  | 58026/                           | 1600              | 58026/                           | 1600              |                                  |                   | 224                         | 224 | 27,5 | 200                          | 30           |
|   |                                  |                   |                                  |                   | 58026/                           | 1500              | 218                         | 218 | 26   | 200                          | 20           |
| 24  | 58026/                           | 2200              | 58026/                           | 2200              |                                  |                   | 300                         | 300 | 27,5 | 285                          | 20           |
| <b>INLAY ROUND   EMPOTRADO REDONDO</b>      |                                  |                   |                                  |                   |                                  |                   |                             |     |      |                              |              |
| 6   |                                  |                   |                                  |                   | 58026/                           | 480               | 120                         | -   | 26   | 100                          | 24           |
|   |                                  |                   | 58026/                           | 420               |                                  |                   | 118                         | -   | 25,5 | 100                          | 90           |
| 12  | 58026/                           | 420               |                                  |                   |                                  |                   | 118                         | -   | 25,5 | 100                          | 90           |
|   |                                  |                   | 58026/                           | 1000              | 58026/                           | 1000              | 170                         | -   | 26   | 150                          | 24           |
| 18  | 58026/                           | 1050              |                                  |                   |                                  |                   | 175                         | -   | 26,5 | 150                          | 30           |
|   |                                  |                   | 58026/                           | 1500              | 58026/                           | 1500              | 220                         | -   | 26   | 200                          | 20           |
| 24  | 58026/                           | 1600              |                                  |                   |                                  |                   | 222                         | -   | 27,5 | 200                          | 30           |
| 24  |                                  |                   |                                  |                   | 58026/                           | 2000              | 220                         | -   | 26   | 200                          | 20           |
|   | 58026/                           | 2200              |                                  |                   |                                  |                   | 300                         | -   | 27,5 | 285                          | 20           |

# Led Light Fixture Luminária Led



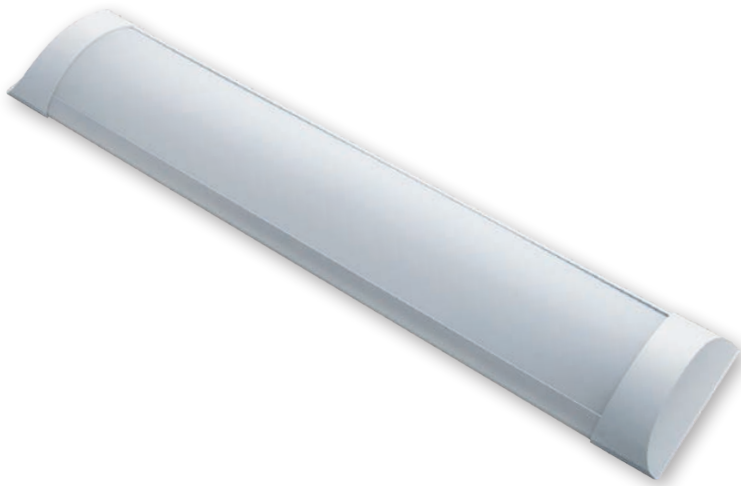
# LED Light Fixture | Luminaria LED

With a modern design, our **Slim LED lamps** feature high-intensity LED bulbs that provide uniform lighting for spaces.

They can replace strip lights equipped with fluorescent tubes.

Con diseño moderno, las **Luminarias LED Slim** están equipadas con LED de gran intensidad, iluminando el ambiente uniformemente.

Reemplazan las luminarias tipo canaleta, equipadas con tubos fluorescentes.



| power<br>potencia | TEMPERATURE<br>TEMPERATURA 6500K |                   | TEMPERATURE<br>TEMPERATURA 4000K |                   | TEMPERATURE<br>TEMPERATURA 3000K |                   | dimension<br>dimensión [mm] |     | pkg.<br>emb. |
|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|-----------------------------|-----|--------------|
|                   | ref.                             | lumens<br>lúmenes | ref.                             | lumens<br>lúmenes | ref.                             | lumens<br>lúmenes | A                           | B   |              |
| [W]               |                                  | [lm]              |                                  | [lm]              |                                  | [lm]              |                             |     | master       |
| 9                 |                                  | 800               |                                  | 800               |                                  | 800               | 300                         | 116 | 20           |
| 18                | 58027/                           | 1600              | 58027/                           | 1600              | 58027/                           | 1600              | 600                         | 116 | 10           |
| 36                |                                  | 3200              |                                  |                   |                                  | 3200              | 1200                        | 116 | 10           |



# Ufo Led





58028/060

With a modern design, our UFO lamps bring an innovative concept. Equipped with high-intensity LED bulbs, they provide uniform lighting for spaces when used with the drop pendant accessory or fixed directly to a lighting spot such as a downlight.

Con diseño moderno, las luminarias tipo UFO presentan concepto innovador. Equipadas con LEDs de gran intensidad luminosa, iluminan los ambientes de forma uniforme – mediante el uso del accesorio pendiente – o fijadas directamente al punto de luz, actuando como plafones.



58028/064



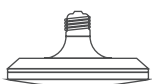
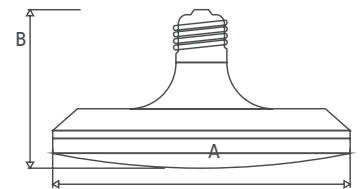
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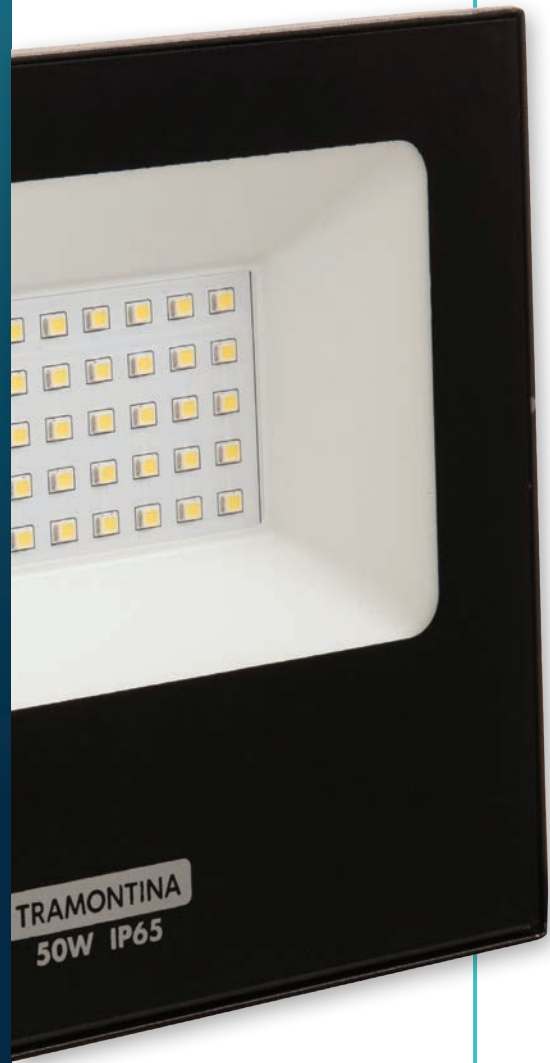


| power potencia<br>[W] | TEMPERATURE<br>TEMPERATURA 6500K |                           |                | TEMPERATURE<br>TEMPERATURA 3000K |                   |                | dimension<br>dimensión [mm] |     | pkg. emb.<br>master |
|-----------------------|----------------------------------|---------------------------|----------------|----------------------------------|-------------------|----------------|-----------------------------|-----|---------------------|
|                       | ref.                             | lumens<br>lúmenes<br>[lm] | color          | ref.                             | lumens<br>lúmenes | color          | A                           | B   |                     |
| 18                    | 58027/                           | 1620                      | white   blanco | 58027/                           | 1620              | white   blanco | 150                         | 96  | 10                  |
|                       |                                  | 1620                      | blue   azul    |                                  |                   |                |                             |     |                     |
|                       |                                  | 1620                      | green   verde  |                                  |                   |                |                             |     |                     |
| 24                    |                                  | 2160                      | white   blanco |                                  | 2160              | white   blanco | 220                         | 123 | 10                  |
|                       |                                  | 2160                      | blue   azul    |                                  |                   |                |                             |     |                     |
|                       |                                  | 2160                      | green   verde  |                                  |                   |                |                             |     |                     |
| 30                    |                                  | 2160                      | red   rojo     |                                  |                   |                | 250                         | 80  | 20                  |
|                       |                                  | 2400                      | white   blanco |                                  | 3240              | white   blanco |                             |     |                     |
|                       |                                  | 3240                      | blue   azul    |                                  | 3240              | blue   azul    |                             |     |                     |
| 36                    | 3240                             | black   negro             |                |                                  | 260               | 123            | 10                          |     |                     |
|                       | 3240                             | green   verde             | 3240           | green   verde                    |                   |                |                             |     |                     |
|                       | 3240                             | red   rojo                |                |                                  |                   |                |                             |     |                     |

| power potencia<br>[W] | ref.   | dimension<br>dimensión [mm] | pkg. emb.<br>master |    |
|-----------------------|--------|-----------------------------|---------------------|----|
| 18,24,32,36           | 58027/ | white   blanco              | 1000                | 50 |
|                       |        | blue   azul                 |                     |    |
|                       |        | black   negro               |                     |    |
|                       |        | green   verde               |                     |    |
|                       |        | red   rojo                  |                     |    |



# Reflectors Led Reflectores Led

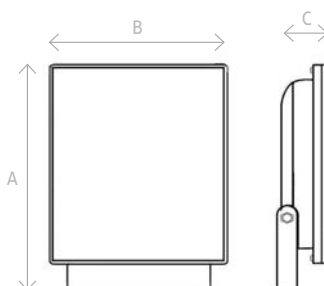
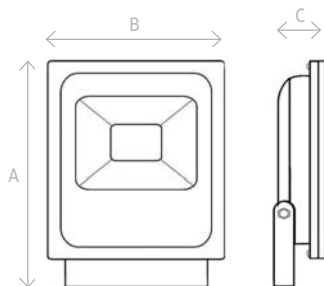




# Reflectors Led| Reflectores Led

LED spotlights have arrived to replace the old traditional lamp reflectors, being more efficient and modern. Have differentiated design and built-in control driver. Ideal for outdoor use, sports courts and garages.

Los focos LED han llegado para reemplazar los viejos reflectores de lámparas tradicionales, siendo más eficiente y moderno. Tiene un diseño diferente y driver de control incorporado. Ideal para uso en exteriores, canchas deportivas y garajes.



| power<br>potencia<br>[W]      | TEMPERATURE<br>TEMPERATURA 6500K |                           | TEMPERATURE<br>TEMPERATURA 3000K |                           | protection degree<br>grado de protección<br>IP | dimension<br>dimensión [mm] |     |    | pkg.<br>emb.<br>master |
|-------------------------------|----------------------------------|---------------------------|----------------------------------|---------------------------|--|-----------------------------|-----|----|------------------------|
|                               | ref.                             | lumens<br>lúmenes<br>[lm] | ref.                             | lumens<br>lúmenes<br>[lm] |  | A                           | B   | C  |                        |
| glass   vidrio                |                                  |                           |                                  |                           |  |                             |     |    |                        |
| 30                            | 58028/019*                       | 2700                      | 58028/012*                       | 2700                      | IP65   | 150                         | 120 | 38 | 30                     |
| 50                            | 58028/020*                       | 4500                      | 58028/013*                       | 4500                      | IP65   | 180                         | 150 | 45 | 20                     |
| 100                           | 58028/021*                       | 9000                      |                                  |                           | IP65   | 260                         | 225 | 52 | 10                     |
| 150                           | 58028/022*                       | 13500                     |                                  |                           | IP65   | 290                         | 260 | 57 | 6                      |
| polycarbonate   policarbonato |                                  |                           |                                  |                           |  |                             |     |    |                        |
| 10                            | 58028/104                        | 750                       |                                  |                           |  | 138                         | 117 | 27 | 12                     |
| 20                            | 58028/105                        | 1600                      |                                  |                           |  | 138                         | 117 | 27 | 12                     |

\*with relief valve: anti-fog valve that protects against the concentration of water inside the part. Reduces internal pressure by expelling moist air. Ensures the integrity of the protection degree.

\*con válvula de alivio: válvula anti niebla que protege contra la concentración de agua en el interior de la pieza. Reduce la presión interna al expulsar el aire húmedo. Garantiza la integridad del grado de protección.



# Spot Led

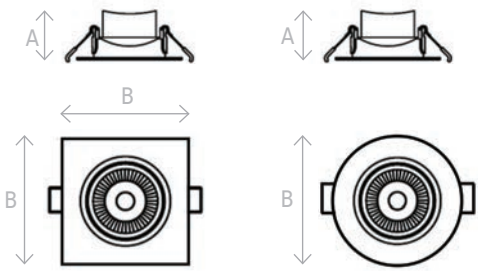


SpotLED lamps have a directional focus, providing the directing light to different locations and at different angles.

Used for internal lighting in shops, homes, hotels and restaurants.

Las lámparas SpotLED tienen un foco direccional, proporcionando la dirigiendo la luz a diferentes lugares y en diferentes ángulos.

Se utiliza para iluminación interior en tiendas, hogares, hoteles y restaurantes.



| power potencia [W] | TEMPERATURE TEMPERATURA 6500K |                     |                 | TEMPERATURE TEMPERATURA 3000K |                |                 | dimension dimensión [mm] |    | pkg. emb. master |
|--------------------|-------------------------------|---------------------|-----------------|-------------------------------|----------------|-----------------|--------------------------|----|------------------|
|                    | ref.                          | lumens lúmenes [lm] | format formato  | ref.                          | lumens lúmenes | format formato  | A                        | B  |                  |
| 3                  | 58021/550                     | 240                 | round redondo   | 58021/500                     | 240            | round redondo   | 40                       | 75 | 100              |
| 3                  | 58021/553                     | 300                 |                 | 58021/503                     | 260            |                 | 26                       | 70 | 100              |
| 5                  | 58021/554                     | 500                 |                 | 58021/504                     | 420            |                 | 24                       | 90 | 100              |
| 7                  | 58021/555                     | 700                 |                 | 58021/505                     | 560            |                 | 24                       | 90 | 100              |
| 3                  | 58021/653                     | 300                 | square cuadrado | 58021/603                     | 260            | square cuadrado | 26                       | 70 | 100              |
| 5                  | 58021/654                     | 500                 |                 | 58021/604                     | 420            |                 | 24                       | 90 | 100              |
| 7                  | 58021/655                     | 700                 |                 | 58021/605                     | 560            |                 | 24                       | 90 | 100              |



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