



**CANDY  
LED**  
*Brighten your life !*



# P R E S E N T A T I O N



Derived from the world of Information Technologies, networks and Internet, the Group 3S, leading its field, gets into the Cleantech industries in the realm of electronics and electroluminescence under the Candyled brand.

This first investment in the world of Cleantech is part of the LED lighting sector, where technological breakthroughs in progress have already increased the efficiency of conventional lighting tenfold to reach today more than 160 lumens per watt.

At the crossroads of the Mediterranean, Candy Led manufactures, at its plant ideally located in the south of Tunis, the heart of LED lighting technology: the COB module (Chip On Board).

Backed by an in-house engineering department, Candyland has the ability to design, prototyping and mass-manufacturing any LED lighting fixture, whether under its own brand or in white label for manufacturers, integrators or distributors.

Our entry into the closed class of COB-LED modules manufacturers, aims firstly to participate in the international evolution of this new industry, then to further improve the performance of this technology and to move up the value chain of this sector, both in electronics and in semiconductor chemistry. In view of our pedigree IT, our contribution should impact the embedded intelligence promised by the Internet of Things (IoT).

Since technology is of no value and importance unless it offers the most widespread benefit possible, our ultimate objective is to democratize the use of LED lighting in the Mediterranean basin, the Middle East and Africa in order to make it accessible to everyone. As first factory in this field in Africa, the Middle East and the Arab world, we naturally aspire to be among the leading suppliers of LED lighting in this geographical area.





# WHY CANDYLED?

“The **LED (Lighting Emmiting Diode)** is an electronic component of the family of Optoelectronic components capable of emitting light when an electric current flows through it.

Appeared in 1962, the LED is **one of the most powerful, economic and durable light sources.**”

Many now consider it as the most revolutionary invention in over hundred years. In fact, the applications integrating LEDs are almost infinite...

## THE NUMEROUS BENEFITS OF CANDYLED LIGHTING SYSTEM

Our LED lighting solutions have significant strengths for saving energy, reducing costs of ownership and maintenance:

| Compliance with standards                                                              | Warranty                                                                            | Lifespam                                                                             |
|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|     |  |   |
| Compliance with the highest quality and safety standards, including European standards | Up to 5 years warranty for street lights & professional lighting                    | Street Lights and professional lighting lifetime is 100 000H+                        |
| Colours rendering                                                                      | Security                                                                            | Energetic efficiency                                                                 |
|     |  |   |
| Good colour rendering                                                                  | Contains neither Mercury nor Lead. No Ultraviolet (UV) or Infrared emission         | Up to 90% energy saving                                                              |
| Instant ignition                                                                       | Luminous efficiency                                                                 | Color temperature                                                                    |
|     |  |  |
| 100% instant lighting                                                                  | Up to 160 Lumens per Watt                                                           | Wide range of color temperatures from warm white to cool white                       |





# B U L B S

Thanks to their **wide radiation angle**, these bulbs are ideal for **general lighting** by creating a friendly atmosphere in your area or room.

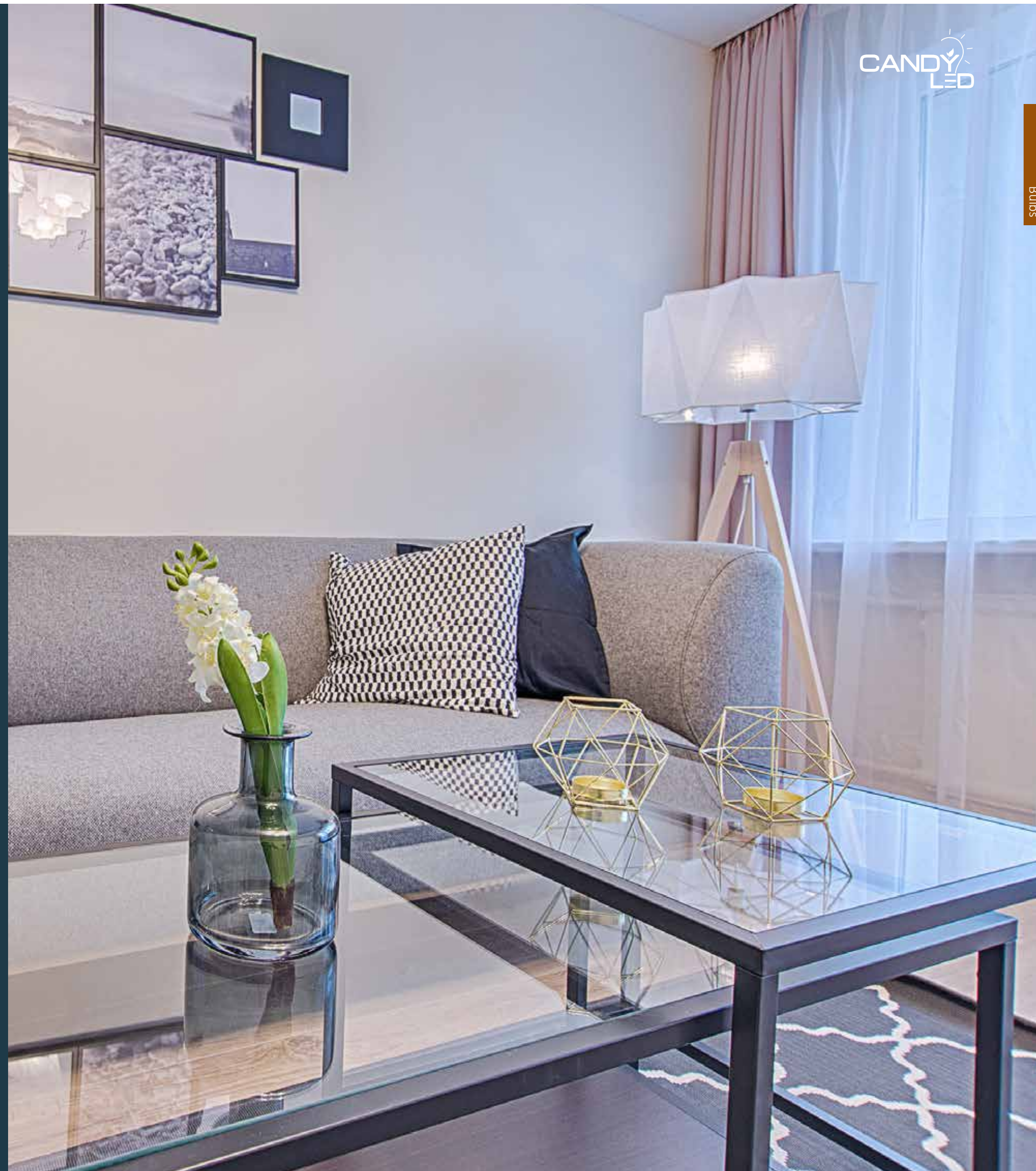
This range offers **immediate energy savings, long life and excellent value for money.**

## | APPLICATIONS

- General lighting
- Reception area, Rooms, halls & corridors, toilets
- Hotels, restaurants, bars, cafes, museums, shops
- Exhibition space & shops
- Outdoor use (only in suitable luminaires)

## | BENEFITS

- Quick ROI
- Significant energy savings (up to 80% compared to conventional lamps)
- Lifespan: 15 000 H+
- Easy installation: Standard base E14, E27 & B22
- Alternatives to conventional lighting
- Wide choice of color temperature (3 000K, 4 000K & 6 500K)
- Instant ignition



BULBS

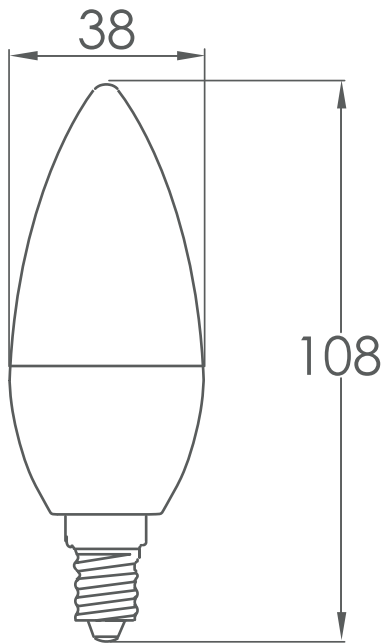


4W 230V SMD    5W 230V SMD    6W 230V SMD    9W 230V SMD    12W 230V SMD    15W 230V SMD    30W 230V SMD    40W 230V SMD

|                 | W  |                  |           |      |     |           |          | K                       |      | References                       |
|-----------------|----|------------------|-----------|------|-----|-----------|----------|-------------------------|------|----------------------------------|
| 4W 230V 150°    | 4  | 180-260V AC 50Hz | E14       | 150° | A++ | 15 000H+  | Ø38-108  | 3 000<br>4 000<br>6 500 | 400  | B004D4J4<br>B004D4N4<br>B004D4B4 |
| 5W 230V 230°    | 5  | 180-260V AC 50Hz | E27       | 230° | A+  | 15 000H+  | Ø45-82   | 3 000<br>4 000<br>6 500 | 500  | L005D5J1<br>L005D5N1<br>L005D5B1 |
| 6W 230V 230°    | 6  | 180-260V AC 50Hz | E27       | 230° | A+  | 15 000H+  | Ø55-100  | 3 000<br>4 000<br>6 500 | 800  | L006D5J3<br>L006D5N3<br>L006D5B3 |
| 9W 230V 230°    | 9  | 180-260V AC 50Hz | E27 & B22 | 230° | A+  | 15 000H+  | Ø60-118  | 3 000<br>4 000<br>6 500 | 1100 | L009D5J3<br>L009D5N3<br>L009D5B3 |
| 12W 230V 230°   | 12 | 180-260V AC 50Hz | E27       | 230° | A+  | 15 000H+  | Ø65-130  | 3 000<br>4 000<br>6 500 | 1300 | L012D5J2<br>L012D5N2<br>L012D5B2 |
| 15W 230V 230°   | 15 | 180-260V AC 50Hz | E27 & B22 | 230° | A+  | 15 000H+  | Ø70-134  | 3 000<br>4 000<br>6 500 | 1800 | L015D5J3<br>L015D5N3<br>L015D5B3 |
| 30W 230V PF>0.9 | 30 | 180-260V AC 50Hz | E27       | 165° | A+  | 15 000 h+ | Ø100-180 | 4000<br>6500            | 3000 | L030D5N1<br>L030D5B1             |
| 40W 230V PF>0.9 | 40 | 180-260V AC 50Hz | E27       | 165° | A+  | 15 000 h+ | Ø125-216 | 4000<br>6500            | 4200 | L040D5N1<br>L040D5B1             |



CANDLE 4 W - 230V AC



CHARACTERISTICS:

| Power | Voltage     | Cap-Base | Luminous Flux | Beam Angle |
|-------|-------------|----------|---------------|------------|
| 4 W   | 180-260V AC | E14      | 400 Lumens    | 150°       |

| Energetic Class | Lifespan  | Dimensions       |
|-----------------|-----------|------------------|
| A++             | 15 000 h+ | Ø 38 mm x 108 mm |

TO ORDER:

| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| B004D4J4   | 6193102803342 | Warm white 3 000k    |
| B004D4N4   | 6193102803359 | Neutral white 4 000k |
| B004D4B4   | 6193102803366 | Cold white 6 500k    |

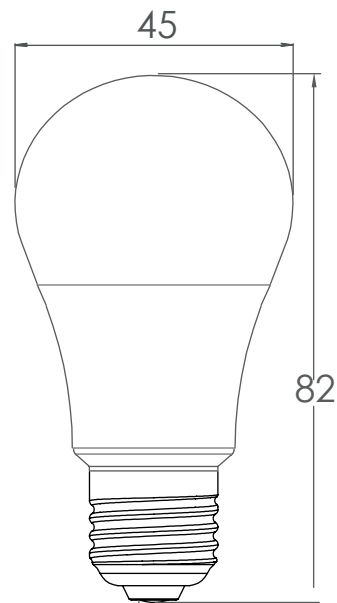
| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 100         | 72             | 7 200            |

Series  
LED SMD





BULB 5W - 230V AC



CHARACTERISTICS:

|                 |             |                 |               |            |
|-----------------|-------------|-----------------|---------------|------------|
|                 |             |                 |               |            |
| Power           | Voltage     | Cap-Base        | Luminous Flux | Beam Angle |
| 5 W             | 180-260V AC | E27             | 500 Lumens    | 230°       |
|                 |             |                 |               |            |
| Energetic Class | Lifespan    | Dimensions      |               |            |
| A+              | 15 000 h+   | Ø 45 mm x 82 mm |               |            |

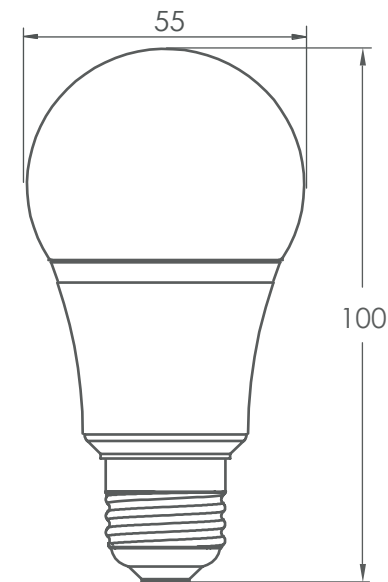
TO ORDER:

| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| L005D5J1   | 6193102803373 | Warm white 3 000k    |
| L005D5N1   | 6193102803380 | Neutral white 4 000k |
| L005D5B1   | 6193102803397 | Cold white 6 500k    |

| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 50          | 36             | 1 800            |



BULB 6W - 230V AC



CHARACTERISTICS:

|                 |             |                  |               |            |
|-----------------|-------------|------------------|---------------|------------|
|                 |             |                  |               |            |
| Power           | Voltage     | Cap-Base         | Luminous Flux | Beam Angle |
| 6 W             | 180-260V AC | E27              | 800 Lumens    | 230°       |
|                 |             |                  |               |            |
| Energetic Class | Lifespan    | Dimensions       |               |            |
| A+              | 15 000 h+   | Ø 55 mm x 100 mm |               |            |

TO ORDER:

| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| L006D5J3   | 6193102803205 | Warm white 3 000k    |
| L006D5N3   | 6193102803212 | Neutral white 4 000k |
| L006D5B3   | 6193102803229 | Cold white 6 500k    |

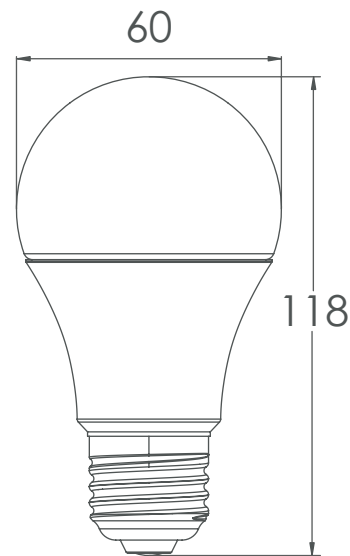
| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 50          | 36             | 1 800            |

Series  
SMD  
LED

Series  
SMD  
LED



BULB 9W - 230V AC



CHARACTERISTICS:

|                 |             |                  |               |            |
|-----------------|-------------|------------------|---------------|------------|
|                 |             |                  |               |            |
| Power           | Voltage     | Cap-Base         | Luminous Flux | Beam Angle |
| 9 W             | 180-260V AC | E27 & B22        | 1 100 Lumens  | 230°       |
|                 |             |                  |               |            |
| Energetic Class | Lifespan    | Dimensions       |               |            |
| A+              | 15 000 h+   | Ø 60 mm x 118 mm |               |            |

TO ORDER:

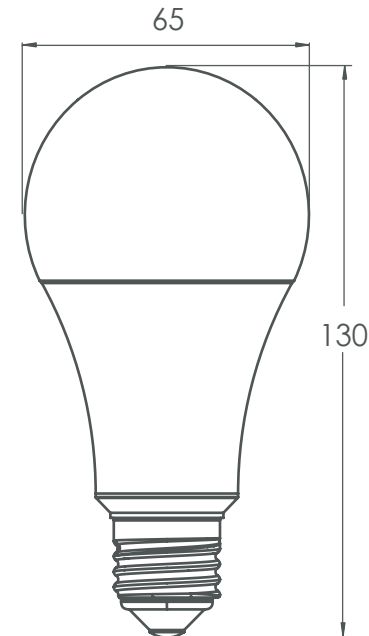
| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| L009D5J3   | 6193102801454 | Warm white 3 000k    |
| L009D5N3   | 6193102800839 | Neutral white 4 000k |
| L009D5B3   | 6193102801447 | Cold white 6 500k    |

| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 50          | 36             | 1 800            |

Series  
SMD  
LED



BULB 12W - 230V AC



CHARACTERISTICS:

|                 |             |                  |               |            |
|-----------------|-------------|------------------|---------------|------------|
|                 |             |                  |               |            |
| Power           | Voltage     | Cap-Base         | Luminous Flux | Beam Angle |
| 12 W            | 180-260V AC | E27              | 1 300 Lumens  | 230°       |
|                 |             |                  |               |            |
| Energetic Class | Lifespan    | Dimensions       |               |            |
| A+              | 15 000 h+   | Ø 65 mm x 130 mm |               |            |

TO ORDER:

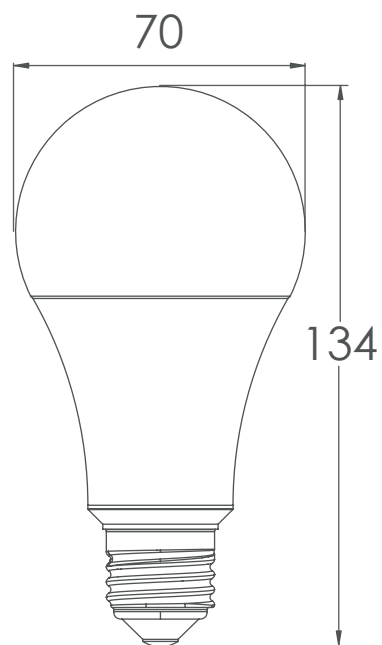
| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| L012D5J2   | 6193102803083 | Warm white 3 000k    |
| L012D5N2   | 6193102803090 | Neutral white 4 000k |
| L012D5B2   | 6193102803106 | Cold white 6 500k    |

| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 50          | 36             | 1 800            |

Series  
SMD  
LED



BULB 15W - 230V AC



1800  
LUMENS



CHARACTERISTICS:

|                 |             |                  |               |            |
|-----------------|-------------|------------------|---------------|------------|
|                 |             |                  |               |            |
| Power           | Voltage     | Cap-Base         | Luminous Flux | Beam Angle |
| 15 W            | 180-260V AC | E27 & B22        | 1 800 Lumens  | 230°       |
|                 |             |                  |               |            |
| Energetic Class | Lifespan    | Dimensions       |               |            |
| A+              | 15 000 h+   | Ø 70 mm x 134 mm |               |            |

TO ORDER:

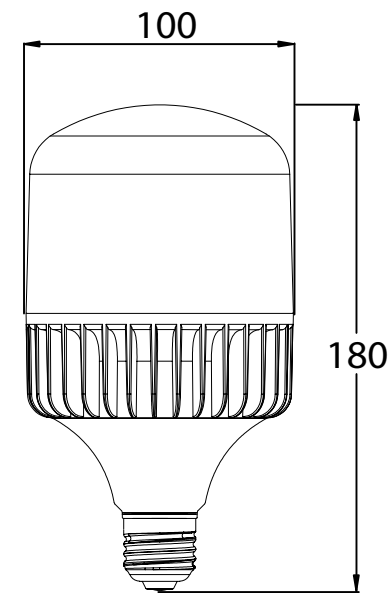
| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| L015D5J3   | 6193102801430 | Warm white 3 000k    |
| L015D5N3   | 6193102800846 | Neutral white 4 000k |
| L015D5B3   | 6193102801423 | Cold white 6 500k    |

| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 50          | 36             | 1 800            |

Series  
LED SMD



BULB 30W - 230V AC



3000  
LUMENS



CHARACTERISTICS:

|                 |             |                   |               |            |
|-----------------|-------------|-------------------|---------------|------------|
|                 |             |                   |               |            |
| Power           | Voltage     | Cap-Base          | Luminous Flux | Beam Angle |
| 30 W            | 180-260V AC | E27               | 3 000 Lumens  | 165°       |
|                 |             |                   |               |            |
| Energetic Class | Lifespan    | Dimensions        |               |            |
| A+              | 15 000 h+   | Ø 100 mm x 180 mm |               |            |

TO ORDER:

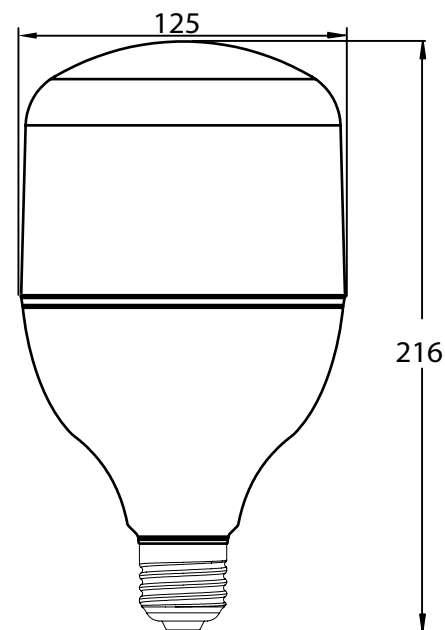
| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| L030D5N1   | 6193102801874 | Neutral white 4 000k |
| L030D5B1   | 6193102801881 | Cold white 6 500k    |

| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 20          | 50             | 1 500            |

Series  
LED SMD



BULB 40W - 230V AC



40W  
LED

180-260V  
AC 50Hz

E27

4200  
LUMENS

CRI  
≥80

IP40

IK06

PF  
>0,9

#### CHARACTERISTICS:

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |  |
| Power                                                                               | Voltage                                                                             | Cap-Base                                                                            | Luminous Flux                                                                       | Beam Angle                                                                           |
| 40 W                                                                                | 180-260V AC                                                                         | E27                                                                                 | 4 200 Lumens                                                                        | 165°                                                                                 |

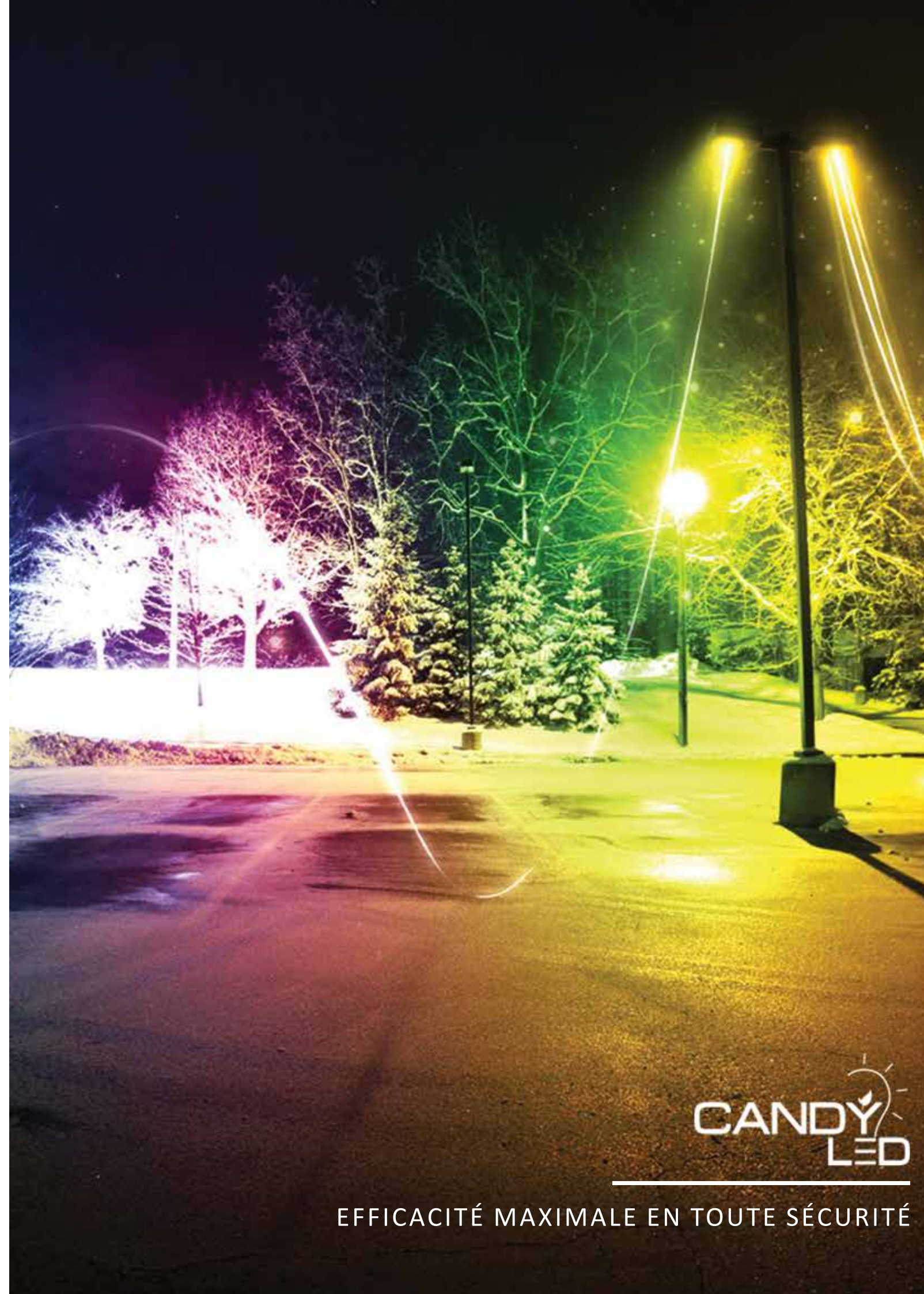
|                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |
| Energetic Class                                                                     | Lifespan                                                                            | Dimensions                                                                           |
| A+                                                                                  | 15 000 h+                                                                           | Ø 125 mm x 216 mm                                                                    |

#### TO ORDER:

| References | Bar code      | Colours temperatures |
|------------|---------------|----------------------|
| L040D5N1   | 6193102803403 | Neutral white 4 000k |
| L040D5B1   | 6193102803410 | Cold white 6 500k    |

| Unit by box | Box by pallets | Units by pallets |
|-------------|----------------|------------------|
| 20          | 50             | 1 500            |

Series  
LED SMD



CANDY  
LED

EFFICACITÉ MAXIMALE EN TOUTE SÉCURITÉ



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# Certificate

Standard **ISO 9001:2015**

Certificate Registr. No. **01 100 2115631**

Certificate Holder:



**SKY INDUSTRIES**

31 Rue des Entrepreneurs, Charguia 2  
2035 Tunis  
Tunisia

Scope:

Validity:

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

The certificate is valid from 2021-10-27 until 2024-10-26.  
First certification 2021

2021-11-01

TÜV Rheinland Cert GmbH  
Am Grauen Stein · 51105 Köln

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### **Candyled - Showroom**

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