

Catalogue 2020

# PRESENTATION

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 BULBS AND LIGHTING SYSTEM

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

Compliance with standards	Warranty	Lifespam			
CE	5 sears garantie wananty	Durée de vie 30 000h+ Lifetime			
Compliance with the highest quality and safety standards, including European standards	Up to 5 years warranty	CoB range 30 000H+ Lifetime			
Colours rendering	Security	Energetic efficiency			
CRI ≥90	Hg Pb 0% DV IR Mercury Free Lead Free	UP TO 90% Energy saving			
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			
		1600 2000 2000 4000 5000 6000 2000 5000 torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus torus			
100% instant lighting	Up to 160 Lumens per Watt	Wide range of color temperatures from warm white to cool white			





# FLAT PANEL

The LED panel is intended to replace all **diffuse square lighting systems** providing a **large lighting surface**.

Thanks to its technology, it **minimizes the energy consumption** while guaranteeing the number of lux required respecting the relevant standards.

#### | APPLICATIONS

- Reception area
- Shops and offices
- Hospitals and clinics

#### | BENEFITS

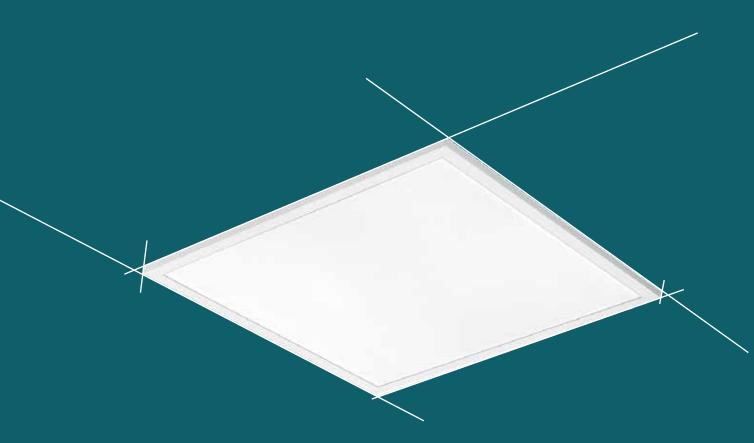
- Lighting surface combining
- performance and intelligent design
- Recreate the natural rhythm of daylight
  - Uniform light
  - Reduced costs and time installation
  - Lifespan: 50 000H+





# FLAT PANEL





Flat Panel 40W

	W	Â		A+	Θ	Ø d [mm]	K	₽ Lm	References
40W 230V AC 120° PF>0.9	90 - 275V	120° A+	A +	50 000 h+	595 - 595 - 15	4 000	4500	D040D0N1	
	40	40 AC	120° A+			6 000	4500	D040D0B1	



#### FLAT PANEL 40W - 230V AC



Surface mounting, suspended and recessed kits sold in option. Dimming : Dimmable Driver 0/1 to 10 optionnal

Series



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Email: contact@candyled.com

Certificat TN18/223574914

Le système de management de

### Sky Industries

Zone Industrielle Zriba, 1 182 Zaghouan, Tunisie

a été audité et certifié selon les exigences de

### ISO 9001:2015

Pour les activités suivantes

#### Design et Fabrication de modules de LED, d'alimentations électriques et de luminaires à base de LED.

Ce certificat est valable du 3 Mai 208 au 3 Mai 2021 et reste valide jusqu'à décision satisfaisante à l'issue des audits de suivi Date de renouvellement de certification 3 Mai 2021 - 3mois Version 1. Certifié depuis Mai 2018



Autorisé par

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**Candyled - Showroom** 

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