



**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	Lifespan
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



PHOTOVOLTAIC LIGHTING



Revolutionary lighting solutions

These Photovoltaic lighting solutions exist in different models and are ideal for lighting a pedestrian walkway, a park, a bicycle path, a campsite, touristic location, etc.

These lighting solutions provide a white light thanks to very high efficiency LED technology. This technology achieves yields equivalent to high-power light sources.

| APPLICATIONS

- Street Lights
- Residential ways
- Parkings
- Highways

| BENEFITS:

- Easy installation
- Economic lighting solution due to high efficiency LED



PHOTOVOLTAIC LIGHTING

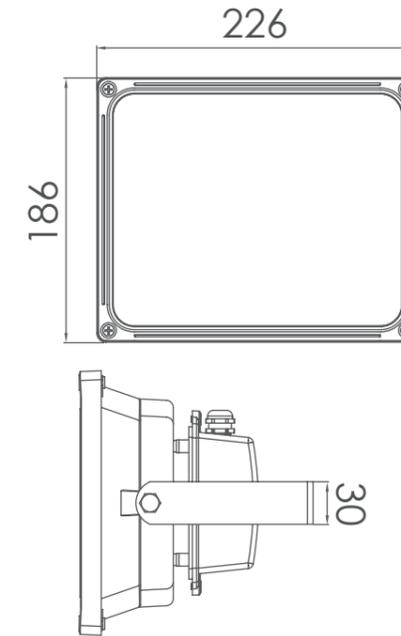


FLOOD LIGHT 40W - 12/24V DC



40W 12/24V DC

80W 12/24V DC



CHARACTERISTICS

Power	Voltage	Luminous Flux	Beam Angle
40W	12/24V DC	4 000 Lumens	70°
Energetic Class	Lifespan	Dimensions	
A+	50 000 h+	226mm x 186 mm x 125 mm	

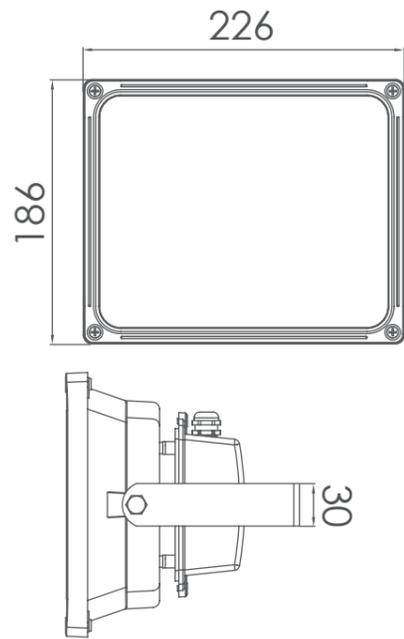
	W						K		References
40W 12/24V DC 70°	40	12V DC	70°	A+	50 000 h+	226- 186 - 125	6 500	4 000	F040A0B1
		24V DC							F040B0B1
80W 12/24V DC 70°	80	12V DC	70°	A+	50 000 h+	288- 238 - 155	6 500	8 000	F080A0B1
		24V DC							F080B0B1

TO ORDER:

References	Bar code	Colours temperatures
F040A0B1 – 12V DC	6193102801744	Cold white 6 500k
F040B0B1 – 24V DC	6193102801751	Cold white 6 500k

Series LED SMD

FLOOD LIGHT 80W - 12/24V DC



80W LED
DC 12/24V
8000 LUMENS
CRI ≥80
IP65

CHARACTERISTICS

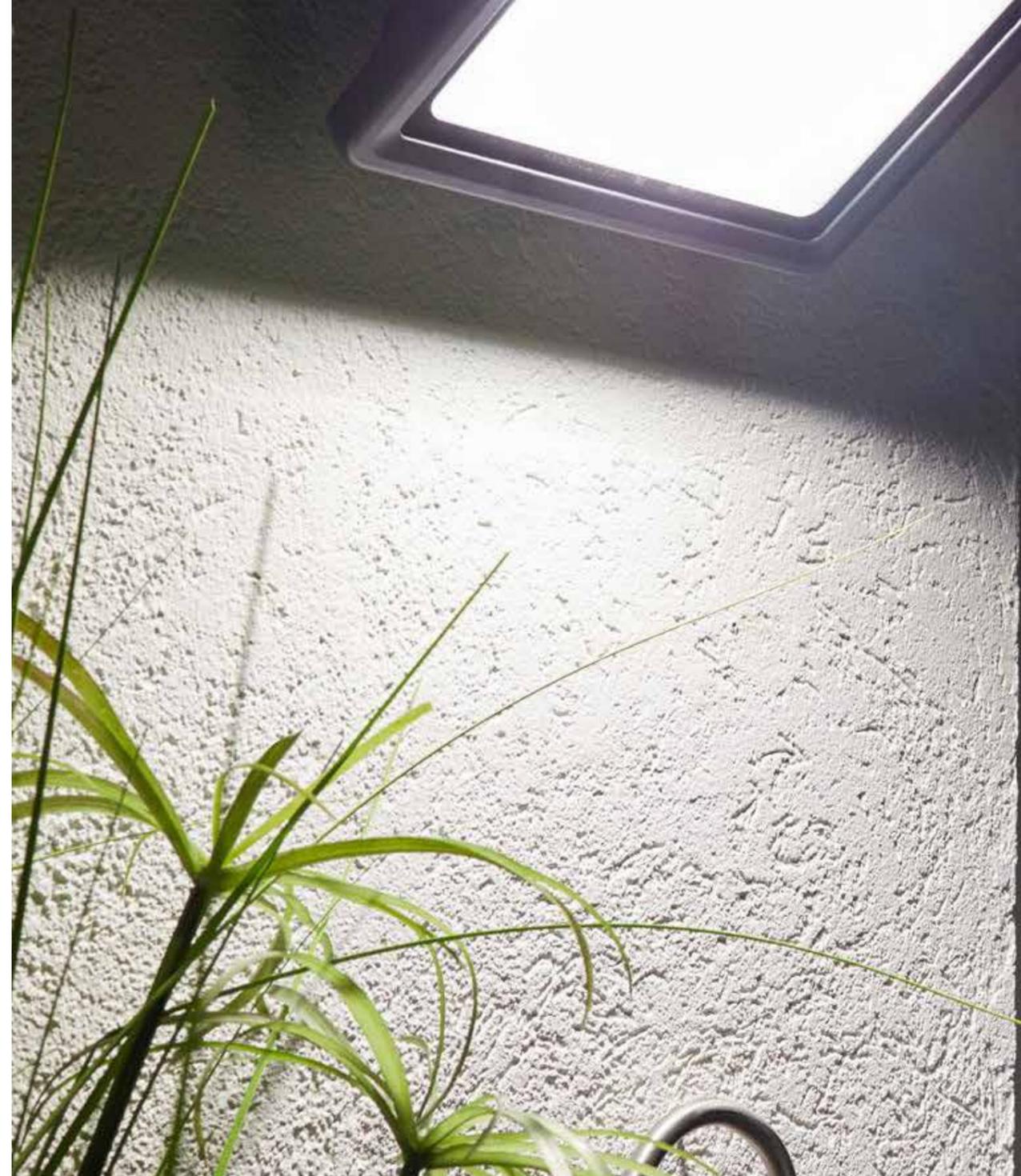
Power	Voltage	Luminous Flux	Beam Angle
80 W	12/24V DC	8 000 Lumens	70°
Energetic Class	Lifespan	Dimensions	
A+	50 000 h+	226 mm x 186 mm x 125 mm	

TO ORDER:

References	Bar code	Colours temperatures
F080A0B1 – 12V DC	6193102801782	Cold white 6 500k
F080B0B1 – 24V DC	6193102801799	Cold white 6 500k

Series
LED SMD

Brighten your life!



ÉCLAIRAGE DC POUR PHOTOVOLTAÏQUE



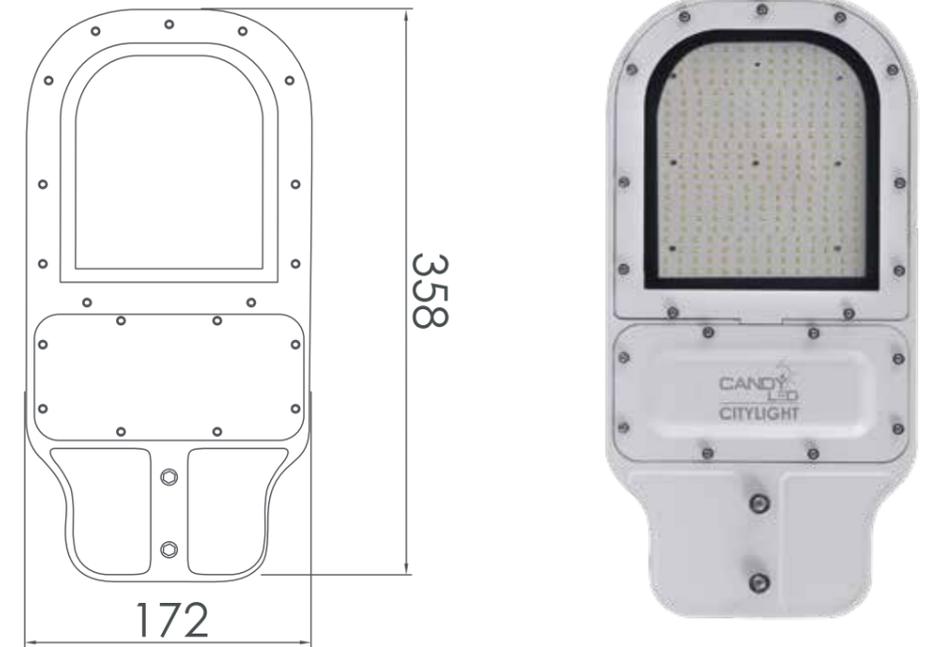
40W 12/24V

80W 12/24V

	W						K	Lm	References
40W 12/24V DC 115°	40	12V DC	115°	A+	100 000 h+	358- 172 - 64	6 500	5200	E040A0B1
		24V DC							E040B0B1
80W 12/24V DC 115°	80	12V DC	115°	A+	100 000 h+	476- 199 - 61	6 500	10400	E080A0B1
		24V DC							E080B0B1



CITYLIGHT 40W - 12/24V DC



CHARACTERISTICS

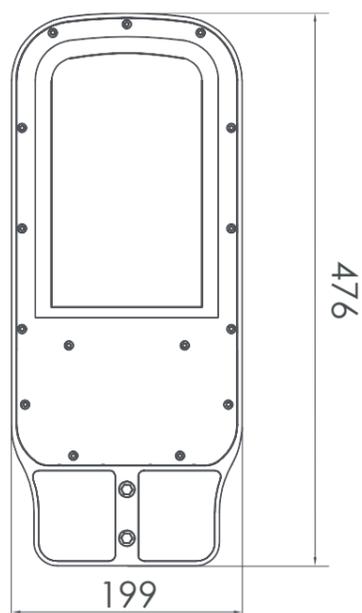
Power	Voltage	Luminous Flux	Beam Angle
40 W	12/24V DC	5 200 Lumens	115°
Energetic Class	Lifespan	Dimensions	
A+	100 000 h+	358 mm x 172 mm x 64 mm	

TO ORDER:

References	Bar code	Colours temperatures
E040A0B1 – 12V DC	6193102801591	Cold white 6 500k
E040B0B1 – 24V DC	6193102801607	Cold white 6 500k

Series
LED SMD

CITYLIGHT 80W - 12/24V DC



80W LED
DC 12/24V
10400 LUMENS
CRI ≥70
IP66
>130Lm/W

CHARACTERISTICS

Power	Voltage	Luminous Flux	Beam Angle
80 W	12/24V DC	10 400 Lumens	115°
Energetic Class	Lifespan	Dimensions	
A+	100 000 h+	476 mm x 199 mm x 61 mm	

TO ORDER:

References	Bar code	Colours temperatures
E080A0B1 – 12V DC	6193102801614	Cold white 6 500k
E080B0B1 – 24V DC	6193102801521	Cold white 6 500k

Series
LED SMD





CONTACT:

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Certificat

Référentiel **ISO 9001:2015**

Enregistré sous le n° **01 100 2115631**

Titulaire du certificat:



SKY INDUSTRIES

31 Rue des Entrepreneurs, Charguia 2
2035 Tunis
Tunisie

Domaine d'activité:

Conception, fabrication, vente et livraison de modules de LED, d'alimentations électriques et de luminaires à base de LED

Validité:

Par l'audit, la conformité aux exigences de la norme ISO 9001:2015 a été démontrée.

Ce certificat est valable du 27.10.2021 jusqu'au 26.10.2024.
Certification initiale 2021

01.11.2021

TÜV Rheinland Cert GmbH
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