LED GROWING LIGHT
PRODUCT CATALOG
CROPS IP67

BIOLED ADVANCED GROW LIGHT SYSTEMS

GROW ANYTHING ANYWHERE, ANYTIME

Bioled is a global provider of smart lighting for crop and cannabis cultivation. The company's line of advanced LED solutions delivers industry-best efficiency and durability for indoor, greenhouse and hybrid growing environments. Anchored by groundbreaking technology, Bioled's user-friendly solutions enable optimal lighting based on specific crop requirements and growing conditions to increase crop yield and quality, lower costs, and enhance profitability. Led by a team of professionals with extensive R&D, engineering, and electronic manufacturing and design experience, Bioled offers fully upgradeable solutions and cloud-managed smart greenhouse systems that are leading the way in high-tech farming.

CROPS IP67
FULL SPECTRUM

Highly Efficient Indoor/Greenhouse
Crop Cultivation

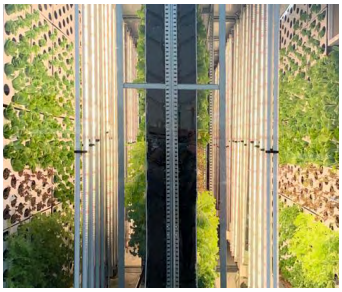
The CROPS IP67 Full Spectrum is a modular light bar solution for cultivating crops in indoor, greenhouse and hybrid facilities. Available as a single tube or as part of a lamp kit, CROPS IP67 is a heavy-duty yet lightweight solution that offers industry-best efficiency and durability. Anchored by Osram LED chip technology, the powerful, low-cost solution incorporates a wide range of spectrums, each customizable for specific growing conditions and requirements, to enable optimal lighting. The flagship offering in Bioled's line of advanced LED lighting solutions, CROPS IP67 is designed for the most extreme environments, and is suitable for urban, vertical and container farming.

HIGHLIGHTS

- Advanced electronic technology for higher efficiency
- Modular light bar solution for greater flexibility
- Embedded driver for user-friendly, lightweight solution with no external driver
- Wide spectrum options for optimal lighting and enhanced crop quality/yield
- Plug-and-play capabilities for easy installation

INDOOR
Cannabis, Israel

GREENHOUSE
Peppers, China



VERTICAL FARM
Mixed crops, Israel

HOME GROWING
Mixed crops, Israel

SPECIFICATIONS

LED CHIP	PAR*	POWER*	EFFICACY (µM/m²/w)	VOLTAGE (volts)	WEIGHT*	FREQ (Hz)
Osram	112 µM/m²	38W	2.7	230/115	300 gm	50-60

* per meter

BIOLED ECO LIGHT SYSTEMS LTD | KIBBUTZ TZUBA 9087000 ISRAEL
WWW.BIOLED.CO.IL | **INFO@BIOLED.CO.IL** | **TEL +972-2-996-7001** | **FAX +972-2-624-3490**

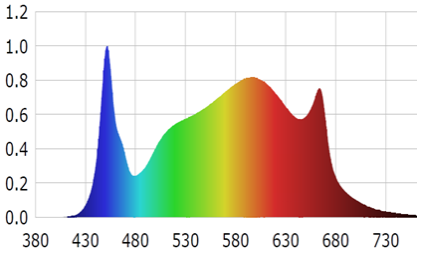
FEATURES

Durable and Lightweight Polycarbonate Body	
Flame retardant	UL94v-0
Impact resistant	IK10
Waterproof and dustproof	IP67
UV stabilized	
Highly Efficient LED Light System	
Power factor	> 0.95
Temperature	-20-50°C (-4-122°F)
Thermal management	Automatic control
Lifetime	60,000 hours
Beam angle	120°
Cable length	1.5m
Beam deflection	Beamable
LED chip	Osram
Up to 650W	

SPECTRUM

Full Spectrum

Bioled offers a wide range of spectrum options from which to choose.



Certification/Approval	CE approved
Warranty	3-5 years

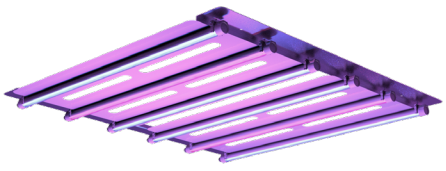
ORDERING INFORMATION

CONFIGURATION	SIZE/LENGTH (cm)	POWER (watts)	PAR* (µM/m²)	WEIGHT (Kg)	CATALOG NUMBER
Single Tube 58	58	20	55	0.165	PHOTOCOMBI18W
Single Tube 114	114	40	110	0.3	PHOTOCOMBI36W
Single Tube 228	228	72	220	0.62	PHOTOCOMBI72W.2
Lamp Kit (5 tubes without frame)	228	360	1100	3.3	PHOTOCOMBI72W.X5-KIT

* PAR may change according to spectrum
Values are based on 230 VAC input, 50-60 Hz frequency
Specifications may change without prior notice due to continuous improvements

KIT CONFIGURATIONS

Each kit comes with a frame and iron wires for fast and easy hanging.



BIOLED KIT + REFLECTOR
- Connects the required number of fixtures for easy mounting and height control
- Steel reflector designed to optimize light to the growth area and to reduce power consumption

BIOLED KIT
- Connects the required number of fixtures for easy mounting and height control

BIOLED CLOSE CONNECTOR
- Easily attaches required number of fixtures to walls, ceiling and onstractions

SINGLE-LIGHT FIXTURE

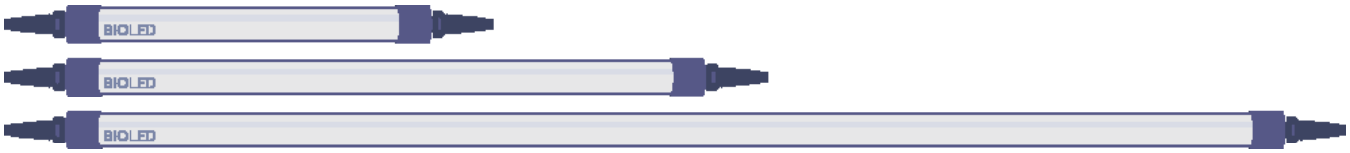
- Durable and lightweight polycarbonate body
- Each tube light comes with two mount clips and iron wires
- Easy and fast installation

Direct Hanging
Easily attaches to walls and ceilings

Wire Hanging
Includes strong, adjustable iron wires with fast release clip

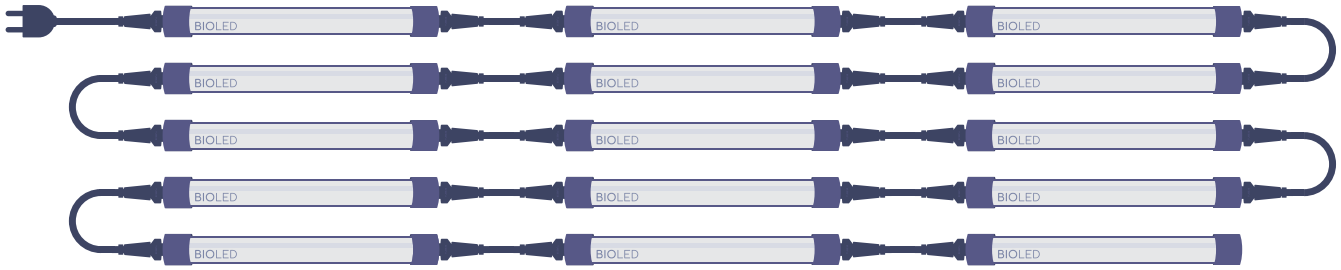
DIMENSIONS

Variable fixture sizes (58cm, 114cm, 228cm) to best fit growing needs



BRIDGING

Bidirectional fast-reliance connector, for easy bridging of up to 15m from single source



BIOLED ECO LIGHT SYSTEMS LTD | KIBBUTZ TZUBA 9087000 ISRAEL
WWW.BIOLED.CO.IL | **INFO@BIOLED.CO.IL** | **TEL +972-2-996-7001** | **FAX +972-2-624-3490**