Bellis

BELLIS is the ideal LED interlighting system to maximize the yield of crop in growing cycle or to anticipate the cultivation cycle. By placing the LEDs on the canopy of plants directs and focuses growth-stimulating light on the most important part of the crop.

Lamps can be cleaned by using pressurized water because complete electrical circuit is sealed and waterproof.

Made of Aluminum Alloy.























LED interlighting is designed for high vine crops and medical cannabis, which allows to adopt such a mode of lighting that places lamps on the canopy of plants directing and focusing growth-simulating light on the most important part of the crop.

IP65 Waterproof Rating

IP65 rated makes LED interlighting operate well in greenhouse, indoor or other high humidity environments.

Wide Illumination Angle

Double-sided lighting design. minimizes light interception and keeps the lower canopy to get optimal and uniform light.

Daisy-chain Design

Bellis with plug-and-play connector, supports up to 20pcs of fixtures connected to one driver. Daisy-chained design helps save installation time and reduce total installation cost in commercial projects.

Durable aluminum with less shading

Inverted triangle structure minimizes the shadow on the plant canopy which is caused by the light from the top. Oblique layout of LEDs is conductive to the formation of a suitable light distribution angle whitch in turn helps the lamps to irradiate the most important parts of crops



Key features

- Linkable solution
- High efficiency up to 3 μmol/j
- Connect up to 20pcs interlighting modules with just one power connection, and save the total cost of project
- Durable aluminum lightweight profile with low shading
- IP65 waterproof solution
- 5 years warranty

Applications

- · High-density crops
- Outdoor/Indoor farms

Accessories







Compliance

- ETL Pending
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- · Restriction of Hazardous Substances (RoHS) Directive

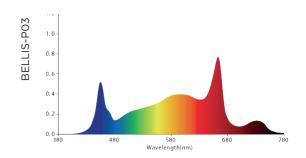
Technical Data

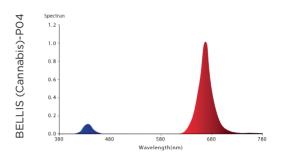
Model No.	BELLIS-75	BELLIS-150	
Power Consumption (±5%)	75W	150W	
DC Input	56V	56V or 250V	
Heat BTU Generated	255.75 BTU	511.5 BTU	
Dimming	0-10V		
Insulation Class	Class I		

Optic Information

System efficacy	2.7 μmol/J (±5%)	2.7 μmol/J (±5%)	
PPF Output	202.5 μmol/s	405 μmol/s	
System efficacy (Cannabis)	2.1 μmol/J (±5%)	2.1 μmol/J (±5%)	
PPF Output (Cannabis)	157.5 μmol/s 315 μmol/s		
Lighting Emit	Double-sided 120°		

Spectrum





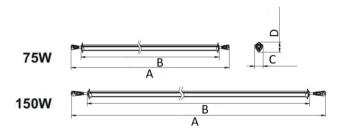
Dimensions and Mounting

1380x49x59mm	2500 x 49 x 59mm	
1.2±0.3kg	2.2±0.3kg	
Suspension Mounting		
Housing: Aluminum Optics: PC cover		
Anodic oxidation		
IP65 (dust and watertight)		
	1.2±0.3kg Suspension Mounting Housing: Aluminum Optics: PC cover Anodic oxidation	

Lifespan and Warranty

Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 70°C
Warranty	5 Years (conditions at www.ett-lighting.com)

Dimensions



Туре	A (mm)	B (mm)	C (mm)	D (mm)
75W	1380	1174	49	59
150W	2500	2294	49	59

Double-sided 120° Lighting Emit

Double-size LEDS - one light for two rows



BELLIS - Cannabis