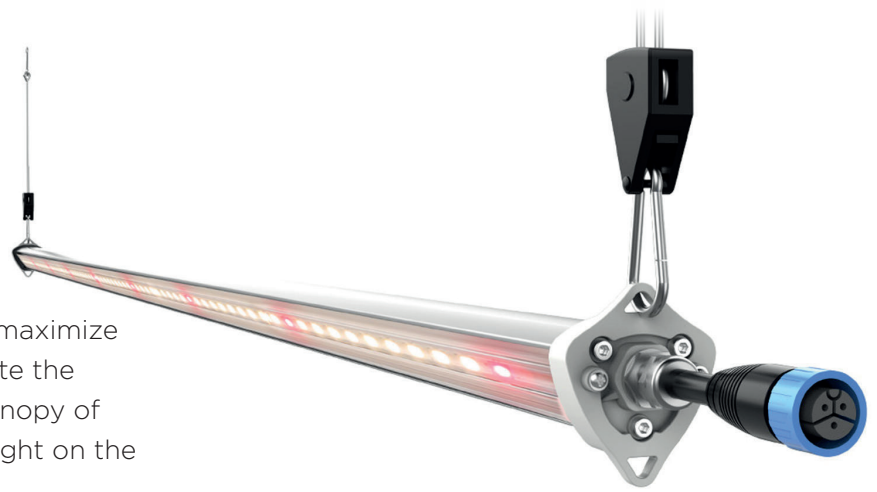


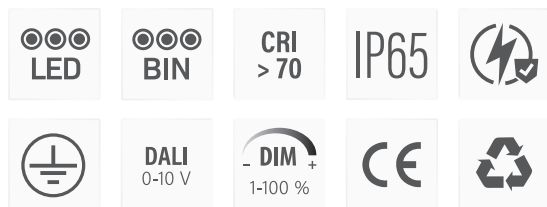
Bellis



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.

Daisy-chain Design

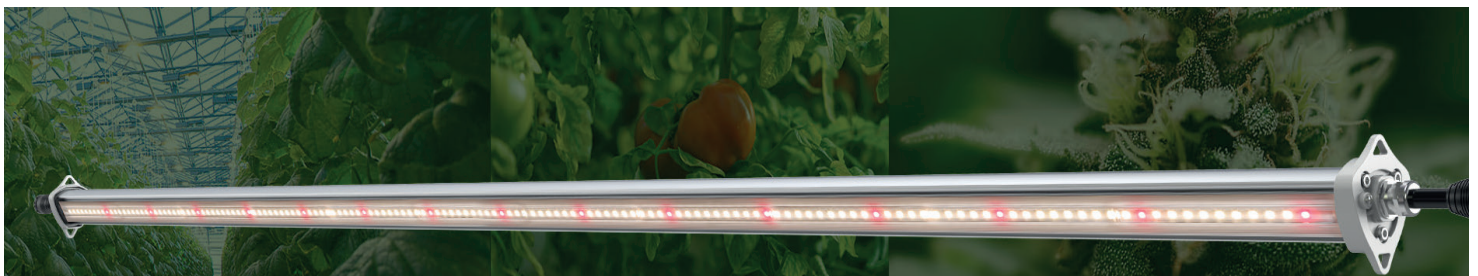
Bellis with plug-and-play connector, supports up to 20pcs of fixtures connected to one driver. Daisy-chained design helps save installation time and reduce total installation cost in commercial projects.

Wide Illumination Angle

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

Durable aluminum with less shading

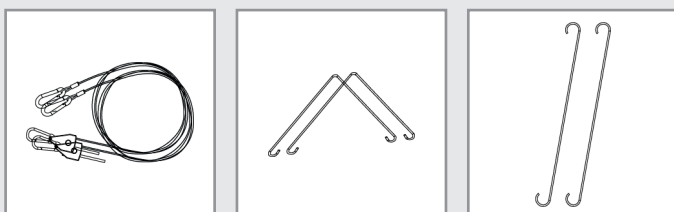
Inverted triangle structure minimizes the shadow on the plant canopy which is caused by the light from the top. Oblique layout of LEDs is conducive to the formation of a suitable light distribution angle which in turn helps the lamps to irradiate the most important parts of crops.



Key features

- Linkable solution
- High efficiency up to 3 $\mu\text{mol}/\text{j}$
- 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

Accessories



Applications

- High-density crops
- Outdoor/Indoor farms

Compliance

- CE
- 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 $\mu\text{mol}/\text{J}$ (±5%)	2.7 $\mu\text{mol}/\text{J}$ (±5%)
PPF Output	202.5 $\mu\text{mol}/\text{s}$	405 $\mu\text{mol}/\text{s}$
System efficacy (Cannabis)	2.1 $\mu\text{mol}/\text{J}$ (±5%)	2.1 $\mu\text{mol}/\text{J}$ (±5%)
PPF Output (Cannabis)	157.5 $\mu\text{mol}/\text{s}$	315 $\mu\text{mol}/\text{s}$
Lighting Emit	Double-sided 120°	

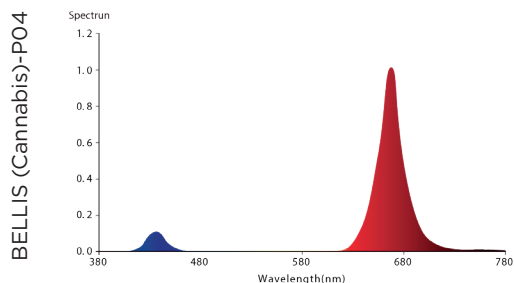
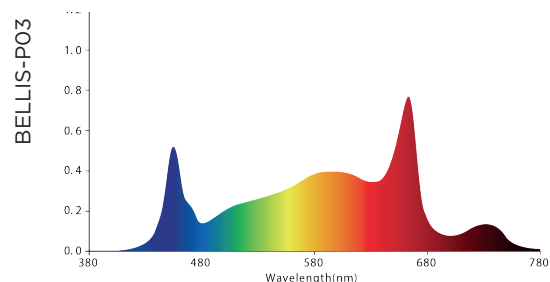
Dimensions and Mounting

Product Dimension	1380x49x59mm	2500 x 49 x 59mm
Luminaire Net Weight	1.2±0.3kg	2.2±0.3kg
Mounting Option	Suspension Mounting	
Material	Housing: Aluminum Optics: PC cover	
Finishing	Anodic oxidation	
IP Rating	IP65 (dust and watertight)	

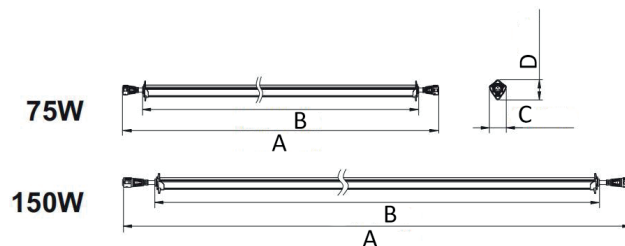
Lifespan and Warranty

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

Spectrum



Dimensions



Type	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



BELLIS - Cannabis