

# ODYSSEY 100

PRELIMINARY DATASHEET



VERTICALLY  
**URBAN**

LIGHTING THE FARMS OF THE FUTURE

## AN EFFECTIVE & ROBUST HORTICULTURAL LED INTERLIGHT

For Supplemental Lighting Between High-Wire Crops

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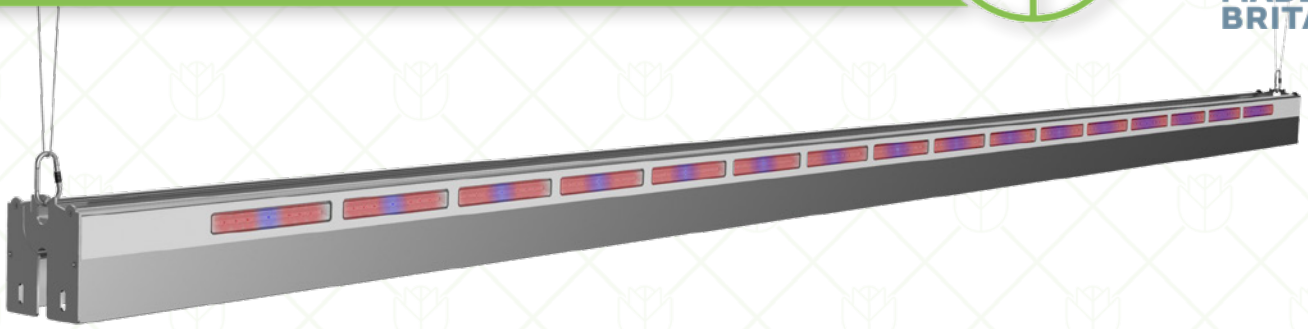
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# ODYSSEY 100



The Odyssey 100 is an effective and robust horticultural LED grow light ideal to add supplemental lighting between high-wire crops.

Manufactured in the UK using the latest in LED technology and housed in a robust 2500mm linear extrusion it is built to last. Additionally, encapsulation in chemically inert resin gives this luminaire an IP65 rating, meaning water ingress from jet washing and spraying is a thing of the past.

A removable power supply allows input voltages in the range of 180 to 528 VAC. Suspension is via an additional wire mounting kit available upon request.



## LIGHT OUTPUT

LED Colour	See spectra options
PPE	upto 3.19 (SO) or 3.05 (HO) $\mu\text{mol/l}$
PPF	upto 239 (SO) or 348 (HO) $\mu\text{mol/s}$
Beam Angle	120° x 2 each side

## ELECTRICAL

Power Option	75 W (SO) or 114 W (HO)
Input Voltage	180 to 528 VAC
Connection type	Trailing Lead
Dimmable	No
PF	>0.98 @ 230 VAC >0.93 @ 480 VAC

(SO) = Standard Output

(HO) =High Output

## PHYSICAL & ENVIRONMENTAL

Finish	Anodised aluminium
Length options	2500mm
Storage Temp	-30°C to 85°C
Operating Temp	-10°C to 40°C
IP Rating	IP65
Cable Exit/Entry	End
Weight	9.2 kg

Vertically Urban run regular development cycles, continuously optimising and balancing product specifications to best suit our customers. All information therefore, is intended as a guide and specifications may change on occasion without notice or announcement. Technical data is measured under controlled conditions, expected performance is within +/- 10% of advertised figures. Information provided is intended as a description of the product and shall not be used in the form of any contract.



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## SPECIFICATIONS

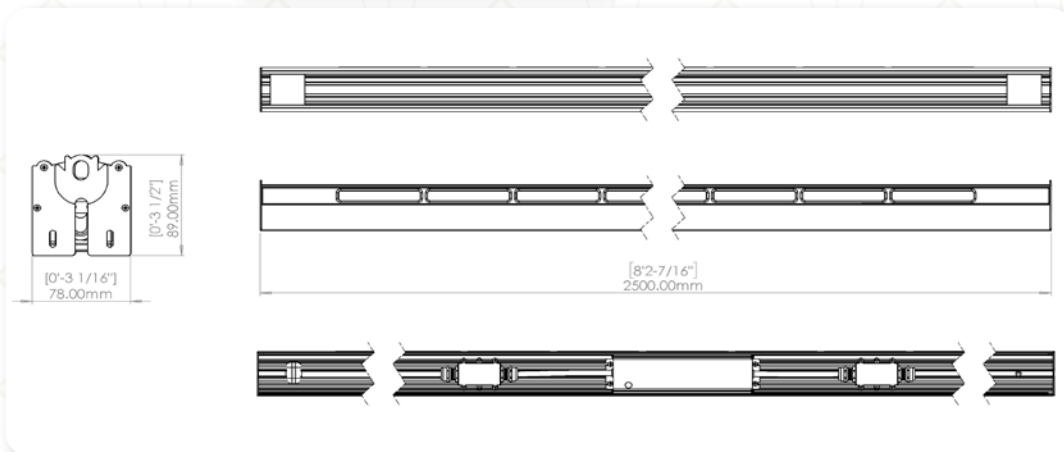
Part No.	Product Code	Power (W)	Spectrum	PPF ( $\mu\text{mol/s}$ )	PPE ( $\mu\text{mol/J}$ )
015082	VU-ODYSSEY-100-OD01-2500mm-SO-IP65	75	OD01	239	3.19
016973	VU-ODYSSEY-100-OD01-2500mm-HO-IP65	114	OD01	348	3.05

## ACCESSORIES

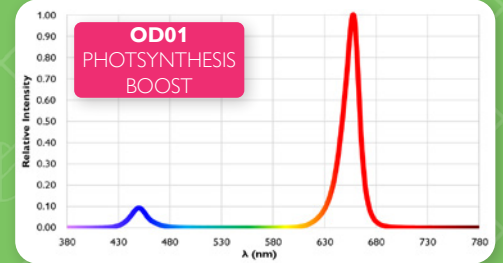
Part No.	Product Code
016857	VU-MOUNTING-KIT-ODYSSEY-UNIVERSAL-CABLE

## DIMENSIONS

	L	W	H
Odyssey 100 Luminaire	2500mm	78mm	89mm



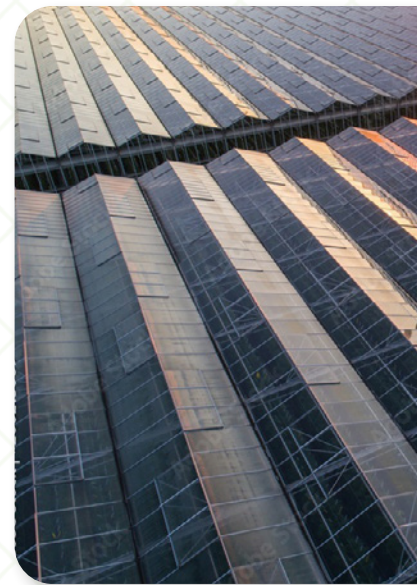
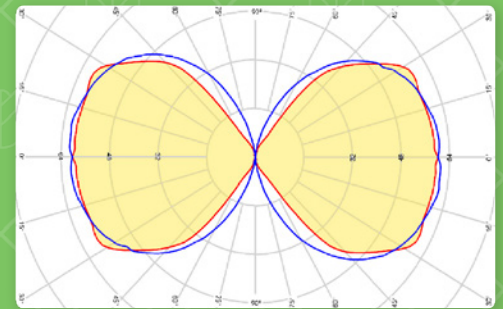
## SPECTRA OPTIONS



## SPECTRUM PHOTON DISTRIBUTION

	Blue PF	Green PF	Red PF	Far Red PF
OD01	11%	0%	89%	0%

## LIGHT DISTRIBUTION

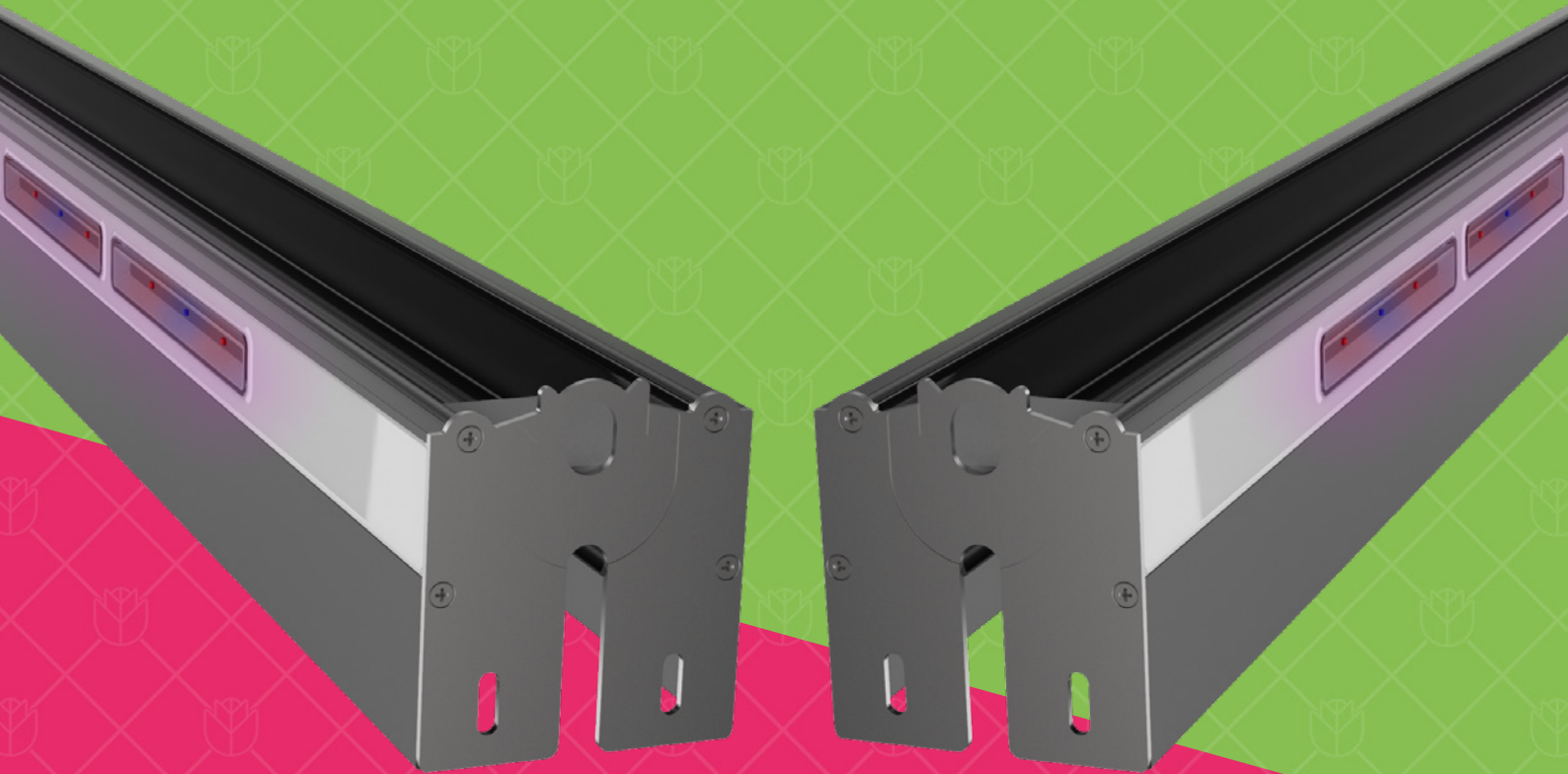


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## CONTACT DETAILS

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