



ledeven
Lighting is in our culture

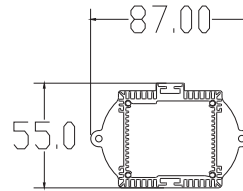


CALYPSO
1200/2400

Greenhouse & Indoor applications
LED InterLighting

CALYPSO SERIES

CALYPSO 1200/2400



General specifications

- The CALYPSO Series from LEDEVEN is specifically designed for Interlighting of tall crops in greenhouses (tomatoes, cucumbers...).
- Available in 2 different lengths/power ratings, 1.2m/70W and 2.4m/140W, ensuring perfect outfitting to your application and maximizing light distribution on your crops for the most yield possible.
- The LED InterLighting CALYPSO Series provides your crops with one of the highest levels of Photosynthetic Photon Flux Density (PPFD) values on the market.
- Modular design for low maintenance costs. The power supply can be easily replaced in case of disruption.
- Easy installation: fixtures are equipped with In&Out waterproof fast connectors allowing Daisy-chaining up to 10 parts.
- Waterproof and Shock-resistant: IP66 / IK08.
- Life span > 30000H – Warranty: 3 years.

Technical specifications

CALYPSO 1200 - CALYPSO 2400	
Total power / LED Chip quantity	CALYPSO 1200: 70W - SMD2835 420*0.2W CALYPSO 2400: 140W - SMD2835 840*0.2W
Available spectra	FR : Fruit plants CS : Custom-designed
Beam angle	2x120°
Input voltage / Power factor	85-265V, 50-60Hz / >95%
IP rank / Protection class / IK rank	IP66 / Class I / IK08
Material / Finishing	Aluminum / Grey Anodized
Dimension / Net weight	CALYPSO 1200 : 1200*69*55mm – 2.75Kg CALYPSO 2400 : 2400*69*55mm – 4.95Kg
Working temperature	-35°C~+45°C
Max. Daisy Chaining	10 pieces
Life span / Warranty	>30000H / 3 years

Lighting Spectral parameters

CALYPSO 1200 - CALYPSO 2400	
FR Spectrum For fruit plants	<p>11% - Royal Blue 455-465nm 28% - Red 625-635nm 33% - Deep Red 655-665nm 6% - Far Red 725-735nm 22% - White 3000K</p>



Lighting Metrics



FR Spectrum FRUIT PLANT		
TYPICAL PPF	CALYPSO 1200 : 97.80µmol/s	CALYPSO 2400 : 195.50µmol/s
EFFICACITY	1.40µmol/W	