

GrowConnect Top 316



Description

General Greenhouse lighting application. Full cycle spectrum optimized for rapid growth and complete plant growth.

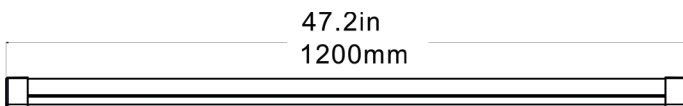
Suitable for a wide range of horticulture lighting applications.

Dimensions

1200x83x53 mm

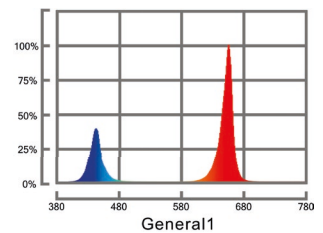
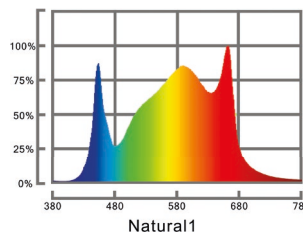
Installation

- suspending
- ceiling mounting



Specifications

Product Code	316-0001	316-0003
Input Power	230 W	230 W
Input Voltage	100-277 V	100-277 V
Efficiency	2.1 $\mu\text{mol}/\text{J}$	2.3 $\mu\text{mol}/\text{J}$
Beam Angle	90° / 120°	120°
PPF	506 $\mu\text{mol}/\text{s}$	552 $\mu\text{mol}/\text{s}$
Weight	5,8 Kg	5,8 Kg
Spectrum	Natural1	General1



ITEM	SPECIFICATION	DETAILS	DETAILS
GENERAL	Project Code:	316	316
	Product Name:	GrowConnect Top	GrowConnect Top
	Product Code:	316-0001	316-0003
	Size (LxWxH) mm:	1200x83x53mm	1200x83x53mm
	Cover Type:	Clear	Clear
	Cover Material:	PMMA	PMMA
	Body Color:	Silver	Silver
	Body Material:	Aluminium	Aluminum
	Surface Finish:	Oxidation	Oxidation
	Protection Class:	Class I	Class I
	IP Level:	66	66
	Socket / Connection Cable Type:	Square	Square
	Efficiency(µmol/J):	2,1	2,3
	PPF(µmol/s):	506	552
	Beam Angle:	90°/120°	120°
	Light Color K/ nm:	3800K	----
	CRI:	>90	----
	LED Supplier:	SAMSUNG	OSRAM
LED Type:	2835 0.5W 4000K+660nm	OSLON 3030 660nm+460nm	
LED Quantity:	1140pcs	360pcs	
ELECTRICAL	Driver (Brand and Specs):	INVENTRONICS EUK-240W	INVENTRONICS EUK-240W
	Power Supply Internal/External:	External	External
	Size if External:	233x67.5x39.7mm	233x67.5x39.7mm
	Input Power:	230W	230W
	Input Voltage:	100-277V	100-277V
	Frequency:	50/60Hz	50/60Hz
	THD:	<20%	<20%
	PF:	>0.9	>0.9
	Interconnectable(Yes/No):	No	No
CONTROL	Dimmable (Yes/No):	Yes	Yes
	Dimming Type:	1-10V	1-10V
PHYSICAL	Cooling Type Passive/Active:	Passive	Passive
	Environment Temperature:	-20 to 40°C	-20 to 40°C
	Tc Lamp Body Temperature:	75°C	75°C
	Weight per.Piece:	5,8 Kg	5.8 Kg
	Weight per unit:	5,8 Kg	5.8 Kg
	Quantity Per Packing Unit:	4	4
	Box Size Per Packing Unit:	1250x360x350mm	1250x360x150mm
	Box Weight Per Packing Unit:	24 Kg	24 Kg
CERTIFICATION	Certificates:	CE	CE
	Lxx/Bxx:	L80/B20 40.000h	L90/B10 50.000h
	Lifetime Hrs (L70):	>50.000 Hrs	>100.000 Hrs
	Warranty LED/Housing/Driver:	5 years	5 years