

MAXIMUS SINGLE



© Product Specifications Rev.2.2_20220609
Subject to change without prior notice

- **Super Slim Design (Patent Pending)**

Horticultural top lighting designed for greenhouse and indoor facility

- **Leading Efficacy & High Light Output**

PPF efficacy up to 3.6 $\mu\text{mol}/\text{J}$
PPF up to 2,628 $\mu\text{mol}/\text{s}$

- **Top Quality Components**

SAMSUNG LM301B / LM301H
OSRAM Deep-Red 660nm
INVENTRONICS / SOSEN LED drivers

- **Wide Variety of Selections**

Power: 320W / 400W / 500W / 730W
Length: 21" / 26" / 31" / 45"
Hanging Kit: Unistrut / Pipe / Square
Input Voltage: 120~277Vac (standard)
277~480Vac (available upon request)

- **Great Reliability**

Conforms to UL 1598 and UL 8800
5-year warranty (standard)
8-year warranty (available upon request)

- **Easy and Simple Installation**

Push & Lock plugs at both AC and DC side for fast and easy electrical connection



RoHS



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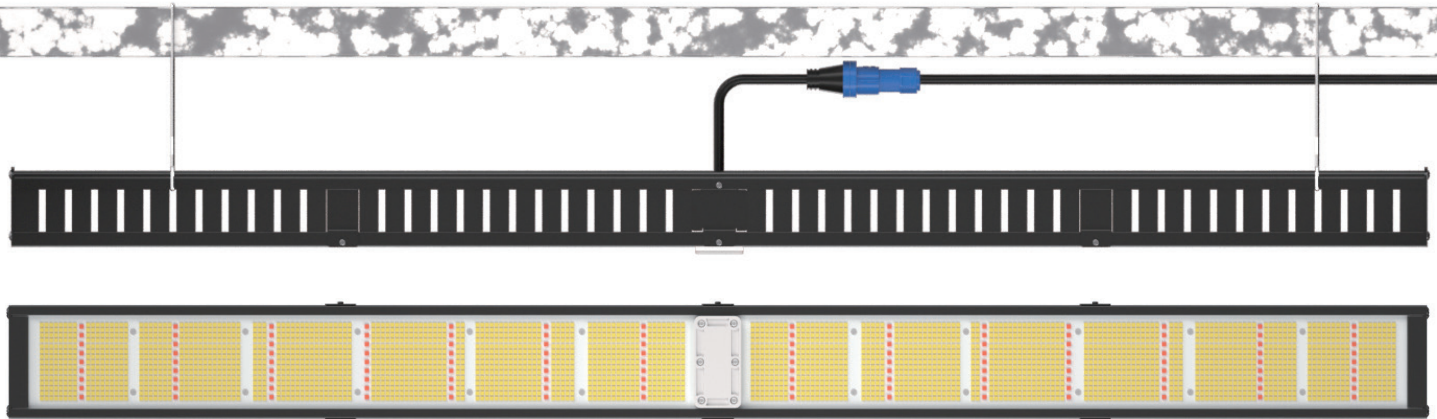
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Specifications

Wattage +/-5%	Range of Input Voltage	Nominal Input Voltage	Nominal AC Input Current	Spectrum WR1		Spectrum RB1	
				PPF Efficacy (μmol/J) @240/277Vac	PPF (μmol/s)	PPF Efficacy (μmol/J) @240/277Vac	PPF (μmol/s)
320W	120~277Vac	120Vac	2.70 A	2.72	870	3.51	1,123
		240Vac	1.41 A				
		277Vac	1.22 A				
400W	120~277Vac	120Vac	3.37 A	2.77	1,108	3.52	1,408
		240Vac	1.76 A				
		277Vac	1.53 A				
500W	120~277Vac	120Vac	4.21 A	2.83	1,415	3.58	1,790
		240Vac	2.20 A				
		277Vac	1.91 A				
730W	120~277Vac	120Vac	6.15 A	2.83	2,066	3.60	2,628
		240Vac	3.21 A				
		277Vac	2.78 A				

LED Driver	INVENTRONICS / SOSEN	INPUT Surge Protection	DM: 6KV
LED Brand	SAMSUNG & OSRAM	LED Configuration	3000K + 5000K + 660nm 450nm + 660nm
Dimming	Knob + RJ port	Dimming Range	10% -100% Dim to Off
IP Rate	IP 66	Max. Ambient Temp.	40°C (104°F)
Warranty	5 year / 8 year	Mounting Height	>24" (Above Canopy)

Pictures



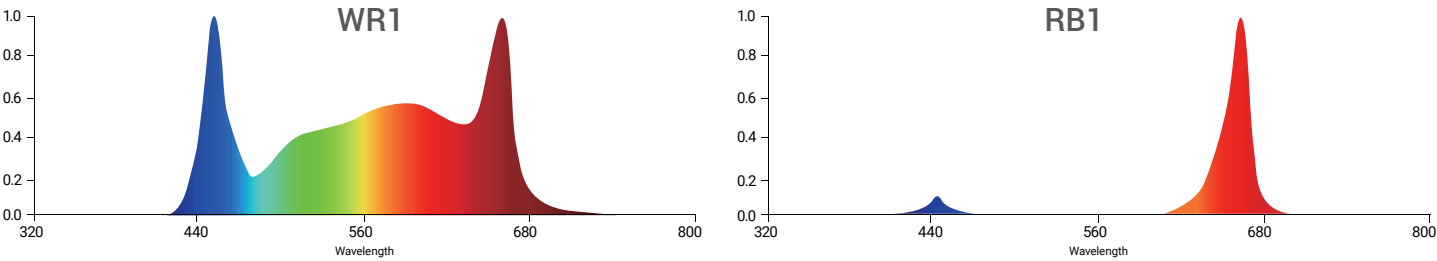
Plug
Options



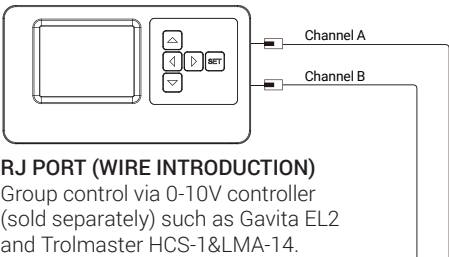
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Spectrum Options



Smart Control



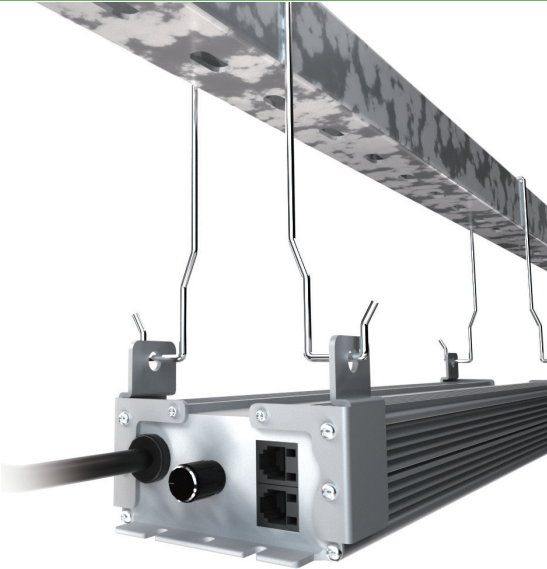
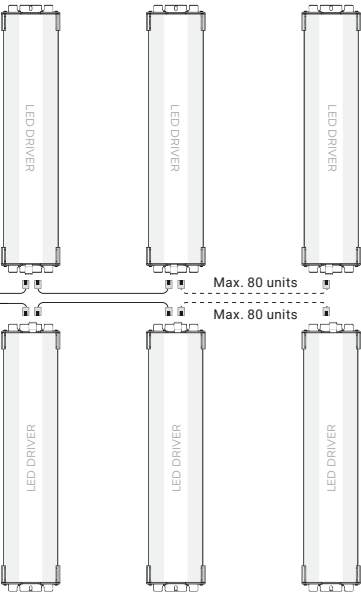
RJ PORT (WIRE INTRODUCTION)
Group control via 0-10V controller (sold separately) such as Gavita EL2 and Trolmaster HCS-1&LMA-14.

Control signal input and output

Controller (RJ14 6P4C)					
PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6
N/A	Dim +	Dim -	Dim -	Dim +	N/A

Fixture (INPUT) Side (RJ14 6P4C)					
PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6
N/A	Dim +	Dim -	Dim -	Dim +	N/A

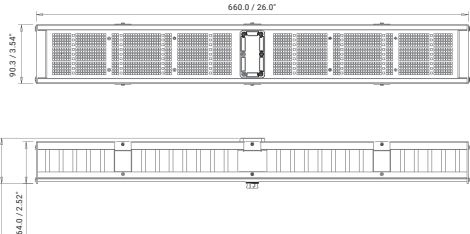
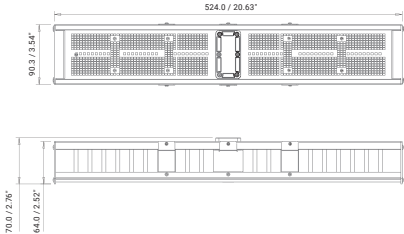
Fixture (OUTPUT) Side (RJ14 6P4C)					
PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6
N/A	Dim +	Dim -	Dim -	Dim +	N/A



RJ 14 PORT

Dimensions(mm / ") & Packaging

Wattage +/-5%	Luminaire Dimensions & Weight				Driver Dimensions & Weight			
	Length	Width	Height	Net Weight	Length	Width	Height	Net Weight
320W	524mm / 20.63"	90mm / 3.55"	70mm / 2.76"	2.03kg / 4.48lbs	266.4mm / 10.49"	96.8mm / 3.81"	68mm / 2.68"	2.15kg / 4.74lbs
400W	660mm / 26"	90mm / 3.55"	70mm / 2.76"	2.47kg / 5.45lbs	266.4mm / 10.49"	96.8mm / 3.81"	68mm / 2.68"	2.15kg / 4.74lbs
500W	784mm / 30.87"	90mm / 3.55"	70mm / 2.76"	3.04kg / 6.7lbs	288mm / 11.34"	131mm / 5.16"	67mm / 2.64"	2.8kg / 6.17lbs
730W	1138mm / 44.8"	90mm / 3.55"	70mm / 2.76"	4.4kg / 9.7lbs	443.6mm / 17.47"	96.8mm / 3.81"	68mm / 2.68"	3.45kg / 7.61lbs



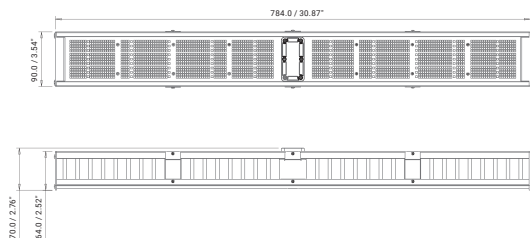
Product Name	MAXIMUS Single 320W	
Item	Luminaire	Driver
Carton Size	576mm × 362mm × 240mm 22.7" × 14.3" × 9.4"	473mm × 400mm × 246mm 18.6" × 15.7" × 9.7"
Weight	14kg / 30.9lbs	16.5kg / 36.4lbs
Qty. / Ctn.	6 PCS	6 PCS

Product Name	MAXIMUS Single 400W	
Item	Luminaire	Driver
Carton Size	712mm × 362mm × 240mm 28.0" × 14.3" × 9.4"	473mm × 400mm × 246mm 18.6" × 15.7" × 9.7"
Weight	17kg / 37.5lbs	16.5kg / 36.4lbs
Qty. / Ctn.	6 PCS	6 PCS

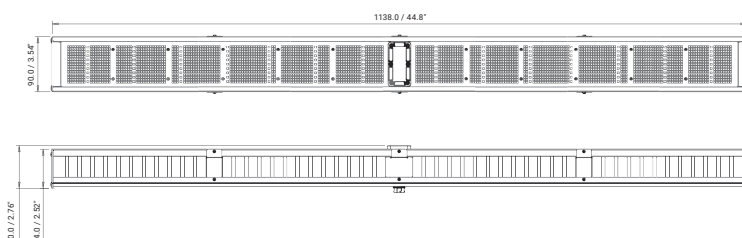


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Product Name	MAXIMUS Single 500W	
Item	Luminaire	Driver
Carton Size	836mm × 252mm × 240mm 32.9" × 9.9" × 9.4"	473mm × 350mm × 244mm 18.5" × 13.8" × 9.6"
Weight	14kg / 30.9lbs	14kg / 30.9lbs
Qty. / Ctn.	4 PCS	4 PCS

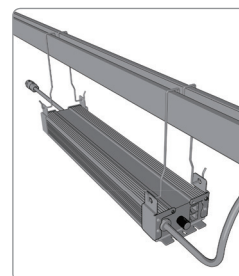
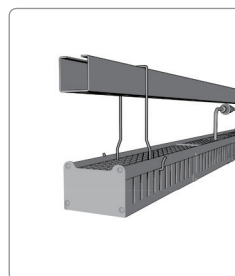
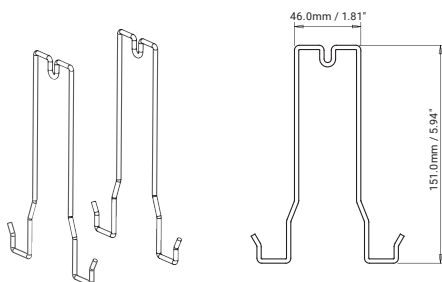


Product Name	MAXIMUS Single 730W	
Item	Luminaire	Driver
Carton Size	1170mm × 252mm × 130mm 46.1" × 9.9" × 5.1"	505mm × 380mm × 133mm 19.9" × 15.0" × 5.2"
Weight	10kg / 22.1lbs	8.4kg / 18.5lbs
Qty. / Ctn.	2 PCS	2 PCS

Hanger Options

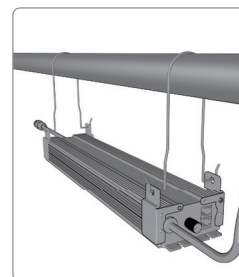
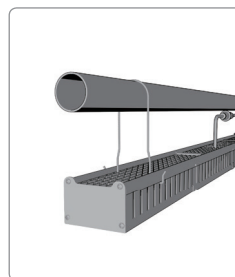
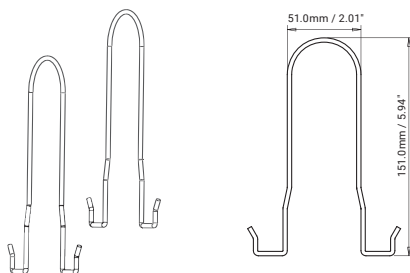
A. Unistrut Hanger

Suitable for unistrut in width up to 1⁵/₈" (41.28mm)



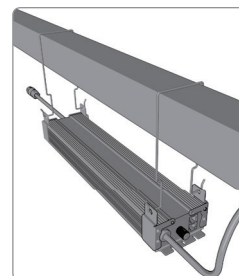
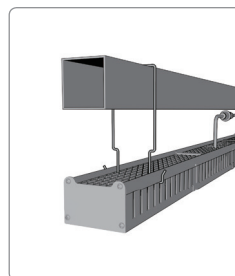
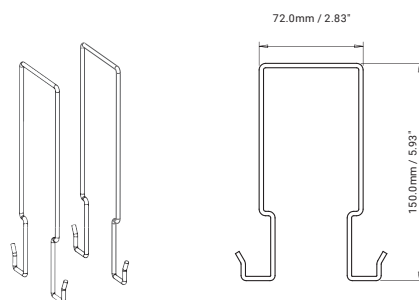
B. Pipe Hanger

Suitable for pipes in diameter up to 1³/₄" (44.5mm) or suspending chain / cable / rope



C. Square Hanger

Suitable for trusses or channel up to 2³/₄" (69.9mm) wide



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