

DIGI-LUMEN



DIGI-LUMEN

INDEX

LED LIGHTING

888 W Extreme 8 Bar	3
1000 W XL Extreme 10 Bar	5
1000 W Extreme 8 Bar	7
780 W Extreme 6 Bar	9
720 W Extreme 6 Bar	11
400 W Extreme 6 Bar	13
250 W Extreme Side Bars	15
200 W Extreme Under Canopy	17
60 W Extreme Bar	19

HID LAMPS

600 W Metal Halide	21
600 W High Pressure Sodium	23

ELECTRONIC BALLASTS

600 W Digital Ballast	25
-----------------------------	----

LED CONTROLLERS

ENVIRO-PRO Controller	26
EXTREME Controller	27

LED Lighting

DIGI-LUMEN EXTREME™ 888W LED 8 BAR - BI FOLD

ULTRAVIOLET + FAR RED



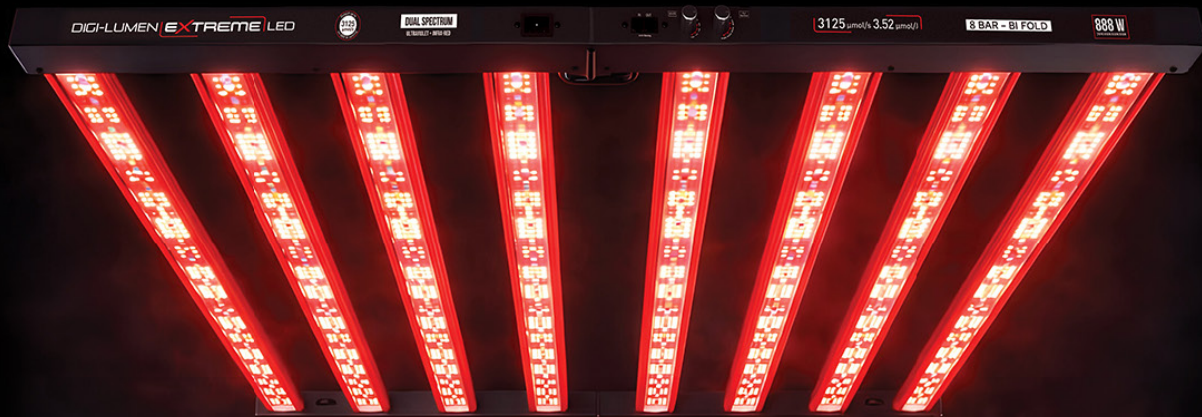
- Dual spectrum coverage over 3.24 m² area
- Inbuilt 888 W Driver
- Efficacy 3.52 µmol/J
- PPF 3125 µmol/s

OUTPUT SPECIFICATIONS

Maximum PPF @ 888 Watts	3125 µmol/s
PPF Efficacy	3.52 µmol/J
Output PPFD (µmol/m ² /s)	1627 @ 30cm

TECHNICAL SPECIFICATIONS

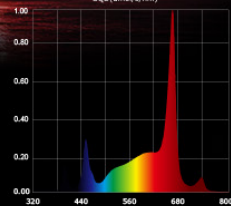
Model	DIGI-LUMEN EXTREME 888 W
Light Source	3200 x Single Mount LED
	1920 White 4000 K + 768 Red 660 nm + 256 UV 395 nm + 256 Far-red 730 nm
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	888 W (max output)
Amps	4.49 A
Net Weight	8.7 kg
Light Beam Angle	120 Degrees
Body Case Material	Frame (Iron) + Heat Sink (Aluminum)
IP Rating	IP45 (water resistant)
Size	L 1120 mm x W 1060 mm x H 38 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty



Output up to
3125
 $\mu\text{mol/s}$
on 888 W setting

3125 $\mu\text{mol/s}$ **3.52** $\mu\text{mol/J}$

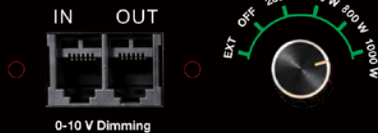
SPECTRUM DISTRIBUTION CHART
SQP($\mu\text{mol/s/nm}$)



LED Lighting

DIGI-LUMEN EXTREMETM 1000 W XL LED 10 BAR - BI FOLD

- Full spectrum coverage over a 4.5 m² area
- Inbuilt 1000 W Driver
- Efficacy 3.0 $\mu\text{mol}/\text{J}$
- PPF 3000 $\mu\text{mol}/\text{s}$



OUTPUT SPECIFICATIONS

Maximum PPF @ 1000 Watts	3000 $\mu\text{mol}/\text{s}$
PPF Efficacy	3.0 $\mu\text{mol}/\text{J}$
Output PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$)	1324 @ 30cm

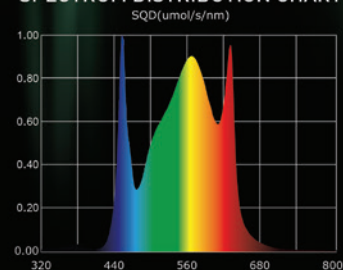
TECHNICAL SPECIFICATIONS

Model	EXTREME 1000 W XL - 10 BAR - BI FOLD
Light Source	3400 x Single Mount LED 3200 White 4000 K + 200 Red 660 nm
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	1000 W (max output)
Amps	5.05 A
Net Weight	10.65 kg
Light Beam Angle	120 Degrees
Body Case Material	Frame (Iron) + Heat Sink (Aluminum)
IP Rating	IP45 (water resistant)
Size	L-1640 mm x W-1120 mm x H-38 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty



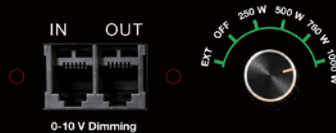
3000 $\mu\text{mol/s}$ 3.0 $\mu\text{mol/J}$

SPECTRUM DISTRIBUTION CHART



LED Lighting

DIGI-LUMEN EXTREME™ 1000 W LED 8 BAR – BI FOLD



- Full spectrum coverage over a 3.24 m² area
- Inbuilt 1000 W Driver
- Efficacy 3.0 $\mu\text{mol/J}$
- PPF 3000 $\mu\text{mol/s}$

OUTPUT SPECIFICATIONS

Maximum PPF @ 1000 Watts	3000 $\mu\text{mol/s}$
PPF Efficacy	3.0 $\mu\text{mol/J}$
Output PPFD ($\mu\text{mol/m}^2/\text{s}$)	1796 @ 30 cm

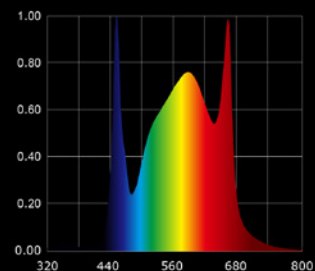
TECHNICAL SPECIFICATIONS

Model:	DIGI-LUMEN EXTREME 1000 W
Light Source:	2720 x Single Mount LED
2560 White 4000 K + 160 Red 660 nm	
Input Voltage:	220 V – 240 V AC
Frequency Range:	50–60 Hz
Power/Watts:	1000 W (max output)
Amps	5.05 A
Net Weight:	8.3 kg
Light Beam Angle:	120 Degrees
Body Case Material:	Frame (Iron) + Heat Sink (Aluminum)
IP Rating:	IP45 (water resistant)
Size:	L 1120 mm x W 1060 mm x H 38 mm
Lifespan:	→50,000 Hours
Min. Operating Temp:	-25°C
Max. Operating Temp:	40°C
Warranty:	2 Year Warranty



3000 $\mu\text{mol/s}$ 3.0 $\mu\text{mol/J}$

SPECTRUM DISTRIBUTION CHART
SQD($\mu\text{mol/s/nm}$)



LED Lighting

DIGI-LUMEN EXTREME™ 780 W LED 6 BAR – BI FOLD

ULTRAVIOLET + FAR RED



- Dual spectrum coverage over 2.25 m² area
- Inbuilt 780 W Driver
- Efficacy 3.0 $\mu\text{mol/J}$
- PPF 2340 $\mu\text{mol/s}$



OUTPUT SPECIFICATIONS

Maximum PPF @ 780 Watts	2340 $\mu\text{mol/s}$
PPF Efficacy	3.0 $\mu\text{mol/J}$
Output PPFD ($\mu\text{mol/m}^2/\text{s}$)	1221 @ 30cm

TECHNICAL SPECIFICATIONS

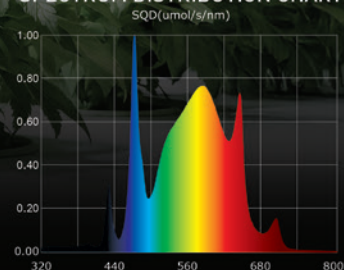
Model	EXTREME 780 W- 6 Bar 3.0
Light Source	2412 x Single Mount LED
	2160 White 4000 K + 108 Red 660 nm + 72 UV 395 nm + 72 Far-red 730 nm
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	780 W (max output)
Amps	3.93 A
Net Weight	7.5 kg
Light Beam Angle	120 Degrees
Body Case Material	Frame (Iron) + Heat Sink (Aluminum)
IP Rating	IP45 (water resistant)
Size	L-1120 mm x W-1060 mm x H-38 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty



Output up to
2340
 $\mu\text{mol/s}$
on 780 W setting

2340 $\mu\text{mol/s}$ **3.0** $\mu\text{mol/J}$

SPECTRUM DISTRIBUTION CHART



LED Lighting

DIGI-LUMEN EXTREME™ 720 W LED 6 BAR – BI FOLD



- Full spectrum coverage over a 2.25 m² area
- Inbuilt 720 W Driver
- Efficacy 3.0 $\mu\text{mol/J}$
- PPF 2160 $\mu\text{mol/s}$

OUTPUT SPECIFICATIONS

Maximum PPF @ 720 Watts	2160 $\mu\text{mol/s}$
PPF Efficacy	3.0 $\mu\text{mol/J}$
Output PPFD ($\mu\text{mol/m}^2/\text{s}$)	1221 @ 30cm

TECHNICAL SPECIFICATIONS

Model	EXTREME 720 W- 6 Bar 3.0
Light Source	1974 x Single Mount LED
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	720 W (max output)
Amps	3.0 A
Net Weight	6.95 kg
Light Beam Angle	120 Degrees
Body Case Material	Die Cast Pressed Aluminum
IP Rating	IP45 (water resistant)
Size	L 1120 mm x W 1060 mm x H 38 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty

DIGI-LUMEN **EXTREME** LED



2160 $\mu\text{mol/s}$ 3.0 $\mu\text{mol/J}$

6 BAR - BI FOLD

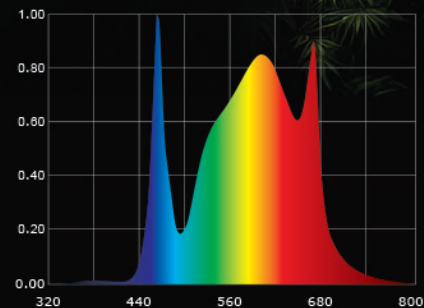
720 W



2160 $\mu\text{mol/s}$ 3.0 $\mu\text{mol/J}$

SPECTRUM DISTRIBUTION CHART

SQD($\mu\text{mol/s/nm}$)



LED Lighting

DIGI-LUMEN EXTREME™ 400 W LED 6 BAR

- Full spectrum coverage over a 1.0 m² area.
- Inbuilt 400 W Driver
- Efficacy 3.0 $\mu\text{mol}/\text{J}$
- PPF 1200 $\mu\text{mol}/\text{s}$



OUTPUT SPECIFICATIONS

Maximum PPF @ 400 Watts	1200 $\mu\text{mol}/\text{s}$
PPF Efficacy	3.0 $\mu\text{mol}/\text{J}$
Output PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$)	1761 @ 30cm

TECHNICAL SPECIFICATIONS

Model	DIGI-LUMEN EXTREME 400 W
Light Source	1128 x Single Mount LED
	1080 White 4000 K + 48 Red 660 nm
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	400 W (max output)
Amps	2.02 A
Net Weight	3.85 kg
Light Beam Angle	120 Degrees
Body Case Material	Frame (Iron) + Heat Sink (Aluminum)
IP Rating	IP45 (water resistant)
Size	L 590 mm x W 578 mm x H 38 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty



INPUT
220-240V AC

DIGI-LUMEN **EXTREME** LED

5 BAR

100%
CFL

400 W

100%
CFL

IN OUT

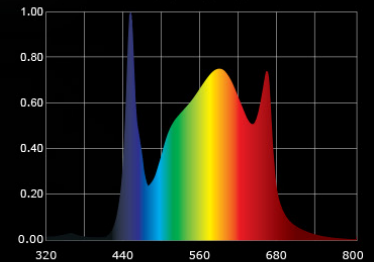
0-10 V Dimming



1200 $\mu\text{mol/s}$ **3.0** $\mu\text{mol/J}$

SPECTRUM DISTRIBUTION CHART

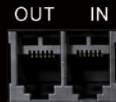
SQD($\mu\text{mol/s/nm}$)



LED Lighting

- Inbuilt 250 W Driver
- Efficacy 3.0 $\mu\text{mol/J}$
- PPF 750 $\mu\text{mol/s}$

DIGI-LUMEN EXTREME™ 250 W LED SIDE BARS



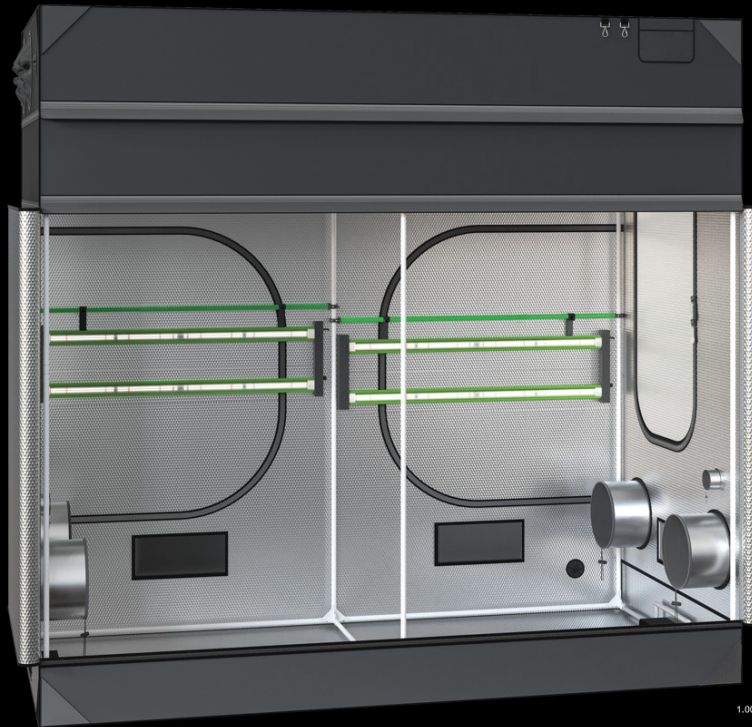
0-10 V Dimming

OUTPUT SPECIFICATIONS

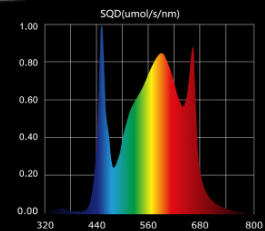
Maximum PPF @ 250 Watts	750 $\mu\text{mol/s}$
PPF Efficacy	3.0 $\mu\text{mol/J}$

TECHNICAL SPECIFICATIONS

Model	DIGI-LUMEN EXTREME 250 W Side Bars
Light Source	658 x Single Mount LED
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	250 W (max output)
Amps	1.13 A
Net Weight	2.5 kg
Light Beam Angle	120 Degrees
Body Case Material	Frame (Iron) + Heat Sink (Aluminum)
IP Rating	IP45 (water resistant)
Size	L 1120 mm x W 350 mm x H 38 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty



750 $\mu\text{mol/s}$ **3.0** $\mu\text{mol/J}$



LED Lighting

DIGI-LUMEN EXTREME™ 200 W LED UNDER CANOPY LIGHTING



- Inbuilt 200 W Driver
- Efficacy 3.0 $\mu\text{mol}/\text{J}$
- PPF 600 $\mu\text{mol}/\text{s}$
- Full spectrum under canopy coverage of 1.0 m^2 at 300 mm



OUTPUT SPECIFICATIONS

Maximum PPF @ 200 Watts	600 $\mu\text{mol}/\text{s}$
PPF Efficacy	3.0 $\mu\text{mol}/\text{J}$
Output PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$)	607 @ 30cm

TECHNICAL SPECIFICATIONS

Model	Under Canopy LED 200 W Single
Light Source	396 x Single Mount LED
	252 White 6500K + 108 660nm + 36 730nm
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	200 W (max output)
Amps	0.9 A
Net Weight	2.75 kg
Light Beam Angle	120 Degrees
Body Case Material	6063 Aluminium
IP Rating	IP65 (water resistant)
Size	L-1090 mm x W-75.22 mm x H-94.3 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty



DIOLUXEN
EXTREME 200WLED
200 W

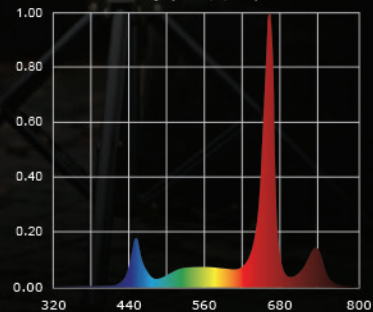
Output up to
600
 $\mu\text{mol/s}$
on 200 W setting


**PLUG &
PLAY**

WARRANTY
2
YEAR
WARRANTY

SPECTRUM DISTRIBUTION CHART

SQD($\mu\text{mol/s/nm}$)



LED Lighting

- Inbuilt 60 W Driver
- Efficacy 3.0 $\mu\text{mol}/\text{J}$
- PPF 180 $\mu\text{mol}/\text{s}$

DIGI-LUMEN
EXTREME
60 W LED
BAR



OUTPUT SPECIFICATIONS

PPF @ 60 Watts	180 $\mu\text{mol}/\text{s}$
PPF Efficacy	3.0 $\mu\text{mol}/\text{J}$

TECHNICAL SPECIFICATIONS

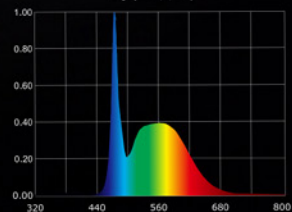
Model	EXTREME 60 W Bar 3.0
Light Source	192 x Single Mount LED
Input Voltage	220 V-240 V AC
Frequency Range	50-60 Hz
Power/Watts	60 W
Amps	0.3 A
Net Weight	1.25 kg
Light Beam Angle	120 Degrees
Body Case Material	Heat Sink (Aluminum)
IP Rating	IP45 (water resistant)
Size	L 600 mm x W 56 mm x H 60 mm
Lifespan	>50,000 Hours
Min. Operating Temp	-25°C
Max. Operating Temp	40°C
Warranty	2 Year Warranty



Output up to
180
 $\mu\text{mol/s}$
on 60 W setting

180 $\mu\text{mol/s}$ 3.0 $\mu\text{mol/J}$

SPECTRUM DISTRIBUTION CHART
SQD($\mu\text{mol/s/nm}$)



HID Lamps

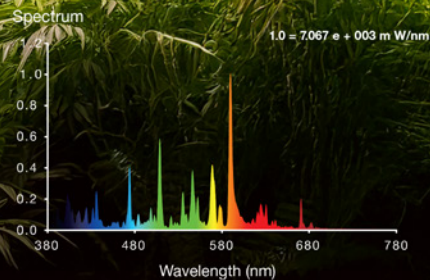
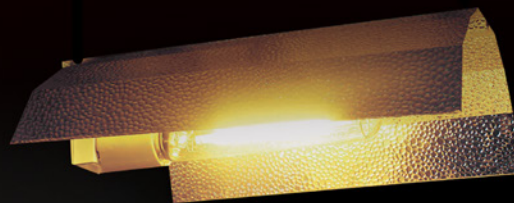
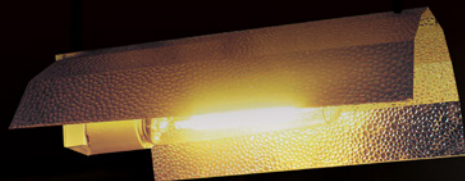
DIGI-LUMEN 600 W METAL HALIDE

- Robust quartz outer jacket + high-pressure arc tube
- Durable, consistent performance throughout vegetative phase
- 6000 K cool white spectrum
- Promotes vigorous growth, strong stems & rich green foliage



TECHNICAL SPECIFICATIONS

Power	600 W
Lamp Type	Metal Halide
Color Temperature	6000 K
Photosynthetic Photon Flux (PPF)	988 $\mu\text{mol/s}$
Luminous Flux	57,600 lumens
Base Type	E40



HID Lamps

DIGI-LUMEN
600 W
HPS

- Engineered for peak flower production
- Blended 2000 K spectrum optimised for superior flowering
- Boosted far-red output increases fruit & flower size
- Spectrum enhancement drives bigger, more abundant harvests
- Delivers peak performance with high-frequency ballasts



TECHNICAL SPECIFICATIONS

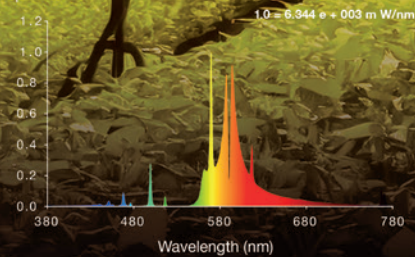
Power	600 W
Lamp Type	High Pressure Sodium
Color Temperature	2000 K
Photosynthetic Photon Flux (PPF)	1075 $\mu\text{mol/s}$
Luminous Flux	92,000 lumens
Base Type	E40



**600 W
HPS**

**Bloom
2000K**

Spectrum



DIGI-LUMEN 600 W

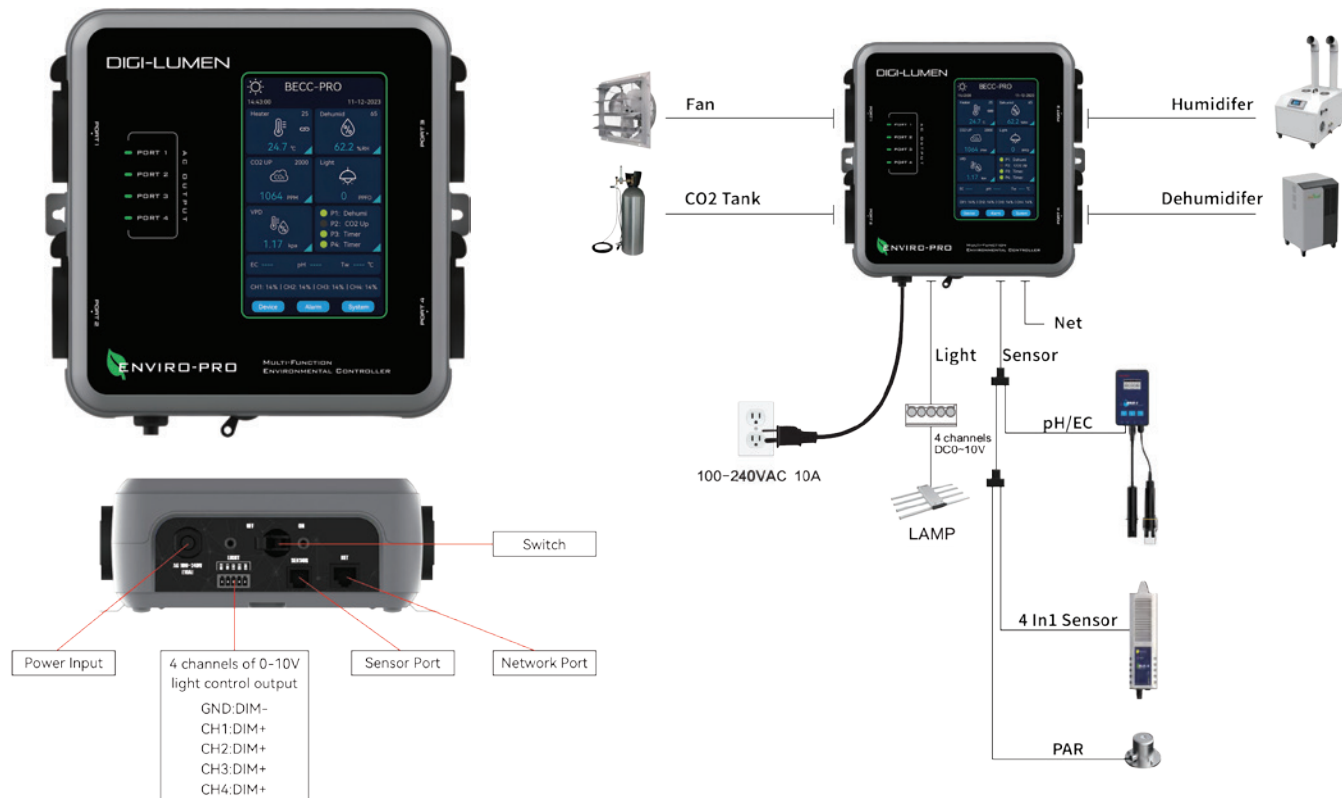
DIGITAL BALLAST



- Specifically designed for Australian conditions
- Fast-blow fuse protection (spare fuses included)
- Four adjustable power settings:
 - Seed & Clone: 250 W
 - Vegetative / Power Save: 400 W
 - Flower: 600 W
 - Super-Lumen: 690 W
- Dimmable for light output & temperature control
- Compatible with 600 W MH & HPS single-ended lamps

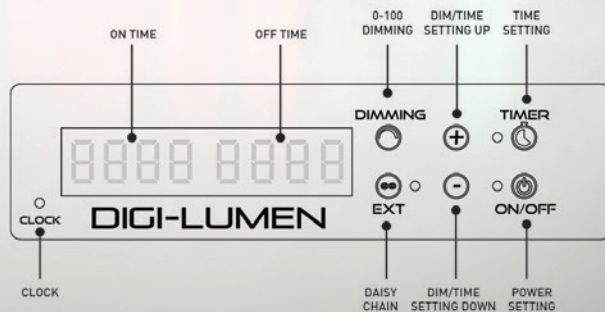
LED Controllers

DIGI-LUMEN ENVIRO-PRO CONTROLLER



LED Controllers

DIGI-LUMEN LED CONTROLLER



DIGI-LUMEN

Contact Us

digilumen.com.au
sales@whg.net.au

