

LUMILIGHT®

LED GROW



2021 CATALOGUE

HORTICULTURE LIGHTING

LUMILIGHT[®]

LED GROW

We are pleased to present you through this catalogue of high-performance LED lighting, the latest innovation for horticulture's world.

You can verify the quality of our products by using one of the most complete professional spectrometers on the market.

We have methodically analysed our luminaires and, it allowed us to collect efficiency values as CRI, PPFD, DLI ... These values are in detail explained by the technical specifications below.



Next, we define the meaning of these values in order to be able to make the most of our catalogue:

EFFICACY: is the standardization of the industry for measuring the efficiency of light growth in micromol (μmol) per watt (sometimes written as $\mu\text{mol} / \text{j}$, μmolj^{-1} or PPF / W). This means that for every watt of electrical energy it produces a certain number of micromoles of photons.

PPFD: allows us to measure the number of photons that a plant receives in a determinate cultivation area every second. It is measured by $\mu\text{mol}/\text{m}^2/\text{s}$.

PPF: measures the amount of PAR light that a lamp produces per second. It is measured by $\mu\text{mol}/\text{s}$.

DLI: is the total amount of light that a plant assimilates throughout the day (light cycle). It is measured by $\mu\text{mol}/\text{m}^2$.

For more information on measurements of our products visit lumilightgrow.com



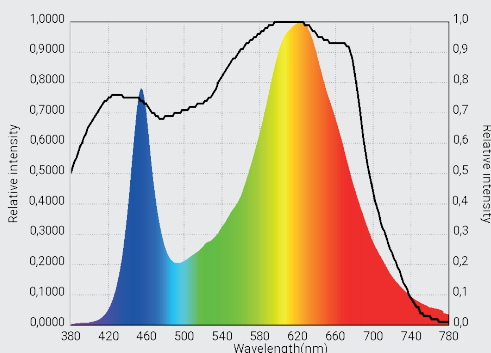
MONSTER LPW 220W

CITIZEN Micro HumanTech MW MEAN WELL CE RoHS compliant HORTICULTURE



Original Spectrum

McCREE'S ACTION SPECTRUM



LUMILIGHT®
LED GROW

REF	MONSTER LPW-220
EFFICACY	2,7 $\mu\text{mol/J}$
PPF	600 $\mu\text{mol/s}$
PPFD	506 $\mu\text{mol/m}^2\text{s}$
DLI	43,7 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	220W
SPECTRUM	Full spectrum
LIGHT DISTRIB.	120°
CRI	80
PFC	0,98
GROWTH AREA	1,40 x 0,70 m
FLOWERING AREA	1,20 x 0,60 m
LIGHT SOURCE	Citizen CLU04H-PW
LED DRIVER	MeanWell IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

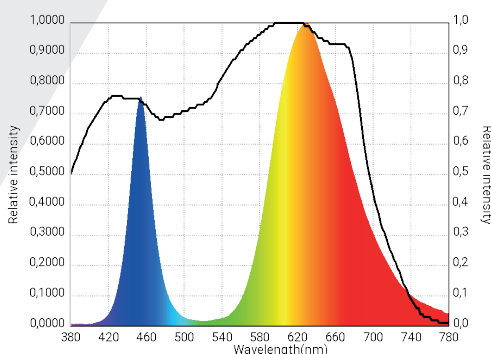
MONSTER LPRB 220W

CITIZEN Micro HumanTech MW MEAN WELL CE RoHS compliant HORTICULTURE



Original Spectrum

McCREE'S ACTION SPECTRUM



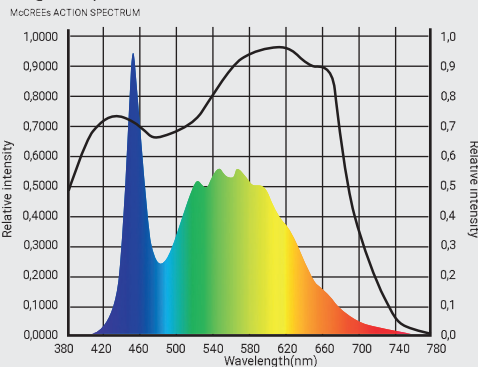
LUMILIGHT®
LED GROW

REF	MONSTER LPRB-220
EFFICACY	2,5 $\mu\text{mol/J}$
PPF	565 $\mu\text{mol/s}$
PPFD	485 $\mu\text{mol/m}^2\text{s}$
DLI	42 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	220W
SPECTRUM	Flowering
LIGHT DISTRIB.	120°
CRI	Horticulture special
PFC	0,98
GROWTH AREA	1,40 x 0,70 m
FLOWERING AREA	1,20 x 0,60 m
LIGHT SOURCE	Citizen CLU04H-PRB
LED DRIVER	MeanWell IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

MONSTER LCI 220W 6500K



Original Spectrum



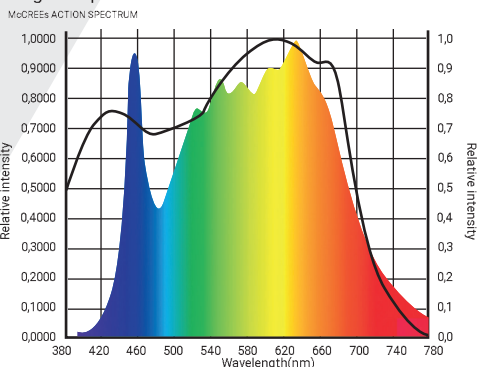
LUMILIGHT®
LED GROW

REF	MONSTER LCI-220/65
EFFICACY	2,6 $\mu\text{mol/J}$
PPF	580 $\mu\text{mol/s}$
PPFD	621 $\mu\text{mol/m}^2\text{s}$
DLI	53,6 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	220W
SPECTRUM	Growth 6500° K
LIGHT DISTRIB.	120°
CRI	84
PFC	0,98
GROWTH AREA	1,40 x 0,70 m
FLOWERING AREA	1,20 x 0,60 m
LIGHT SOURCE	Citizen CLU048-1212
LED DRIVER	Mean Well IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

MONSTER LCI 220W 4000K



Original Spectrum



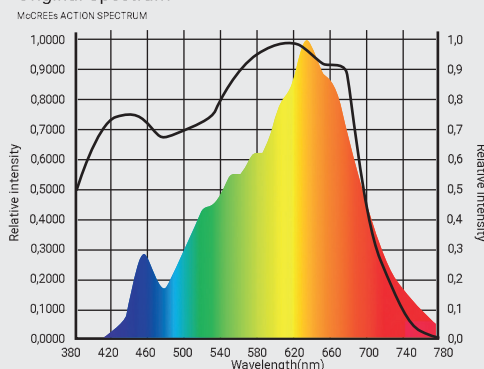
LUMILIGHT®
LED GROW

REF	MONSTER LCI-220/40
EFFICACY	3,1 $\mu\text{mol/J}$
PPF	684 $\mu\text{mol/s}$
PPFD	612 $\mu\text{mol/m}^2\text{s}$
DLI	52,9 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	220W
SPECTRUM	Full spectrum 4000° K
LIGHT DISTRIB.	120°
CRI	97
PFC	0,98
GROWTH AREA	1,40 x 0,70 m
FLOWERING AREA	1,20 x 0,60 m
LIGHT SOURCE	Citizen CLU048-1212
LED DRIVER	Mean Well IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

MONSTER LCI 220W 2700K



Original Spectrum



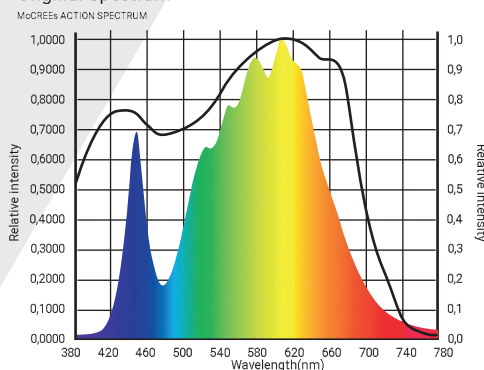
LUMILIGHT®
LED GROW

REF	MONSTER LCI-220/27
EFFICACY	2,7 $\mu\text{mol/J}$
PPF	610 $\mu\text{mol/s}$
PPFD	574 $\mu\text{mol/m}^2\text{s}$
DLI	49,6 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	220W
SPECTRUM	Flowering 2700° K
LIGHT DISTRIB.	120°
CRI	97
PFC	0,98
GROWTH AREA	1,40 x 0,70 m
FLOWERING AREA	1,20 x 0,60 m
LIGHT SOURCE	Citizen CLU048-1212
LED DRIVER	Mean Well IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

MONSTER LCR 220W 3590



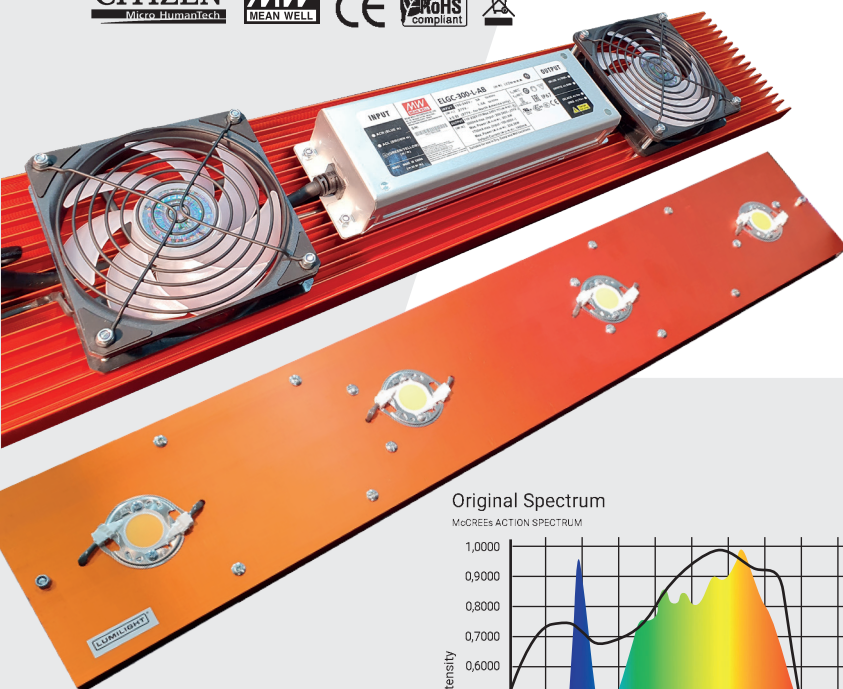
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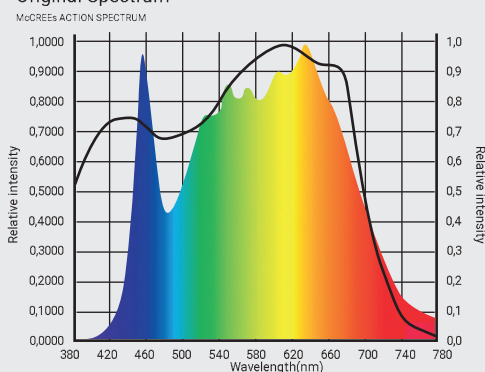
LUMILIGHT®
LED GROW

REF	MONSTER LCR-220/3590
EFFICACY	3,5 $\mu\text{mol/J}$
PPF	827 $\mu\text{mol/s}$
PPFD	734 $\mu\text{mol/m}^2\text{s}$
DLI	63,45 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	220W
SPECTRUM	Full spectrum 3500° K
LIGHT DISTRIB.	120°
CRI	84
PFC	0,98
GROWTH AREA	1,40 x 0,70 m
FLOWERING AREA	1,20 x 0,60 m
LIGHT SOURCE	Cree CXB 3590
LED DRIVER	Mean Well IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

MAGMA LCI 300W 4000K



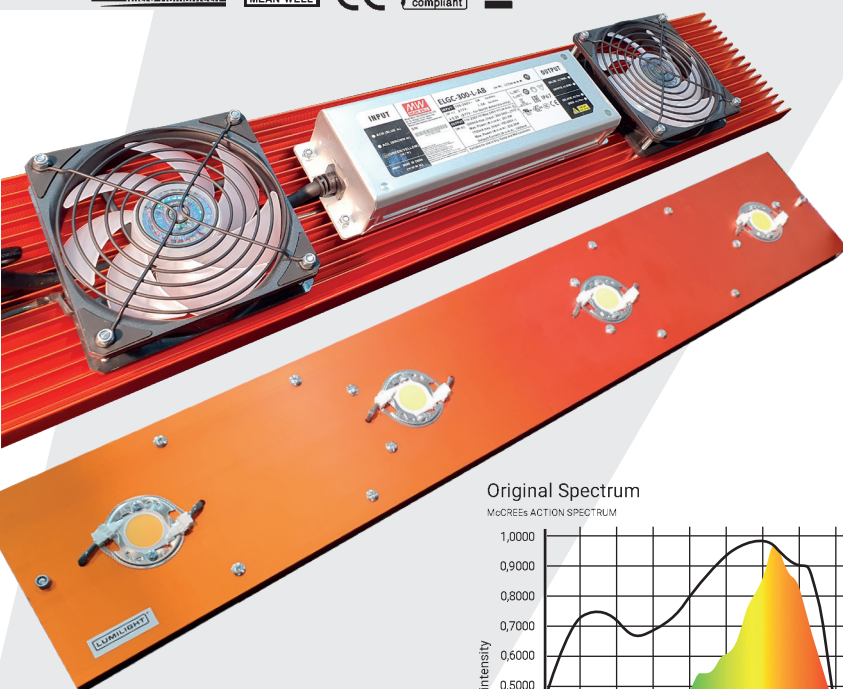
Original Spectrum



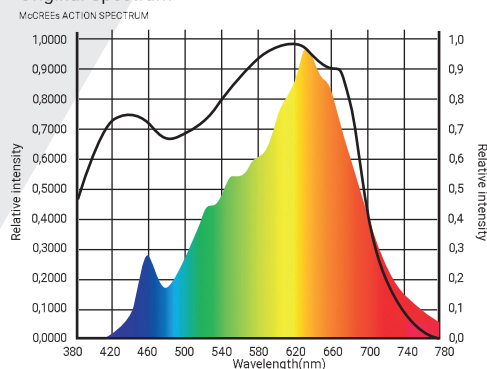
LUMILIGHT
LED GROW

REF	MAGMA LCI-300/40
EFFICACY	2,7 $\mu\text{mol/J}$
PPF	837 $\mu\text{mol/s}$
PPFD	757 $\mu\text{mol/m}^2\text{s}$
DLI	65,43 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	300W
SPECTRUM	Full spectrum 4000° K
LIGHT DISTRIB.	120°
CRI	97
PFC	0,98
GROWTH AREA	1,70 x 0,80 m
FLOWERING AREA	1,50 x 0,75 m
LIGHT SOURCE	Citizen CLU048-1212
LED DRIVER	Mean Well IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

MAGMA LCI 300W 2700K



Original Spectrum



LUMILIGHT
LED GROW

REF	MAGMA LCI-300/27
EFFICACY	2,5 $\mu\text{mol/J}$
PPF	752 $\mu\text{mol/s}$
PPFD	705 $\mu\text{mol/m}^2\text{s}$
DLI	60,99 $\mu\text{mol/m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	300W
SPECTRUM	Flowering 2700° K
LIGHT DISTRIB.	120°
CRI	97
PFC	0,98
GROWTH AREA	1,70 x 0,80 m
FLOWERING AREA	1,50 x 0,75 m
LIGHT SOURCE	Citizen CLU048-1212
LED DRIVER	Mean Well IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years

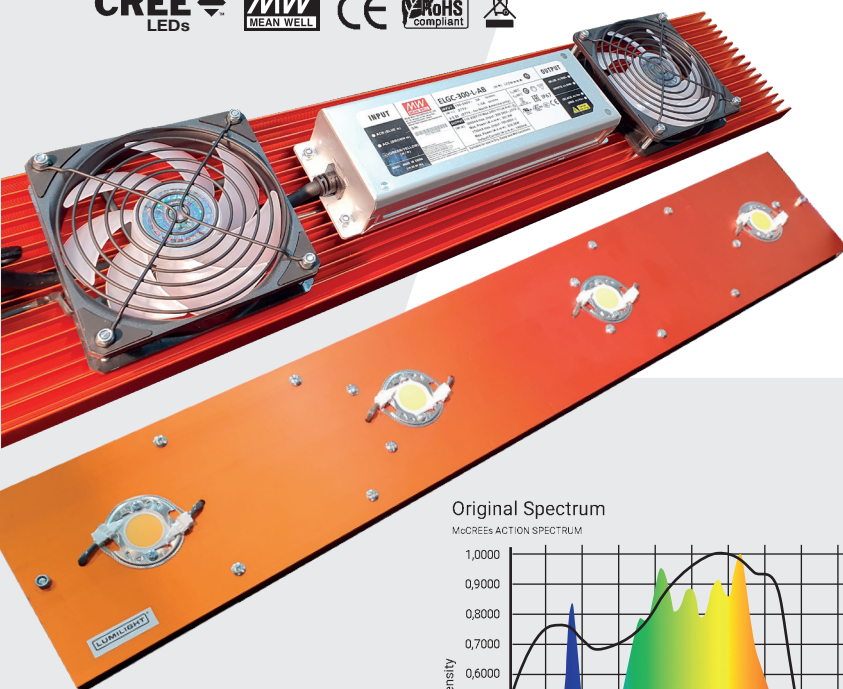
MAGMA LCR 315W 3590

CREE
LEDs

MW
MEAN WELL

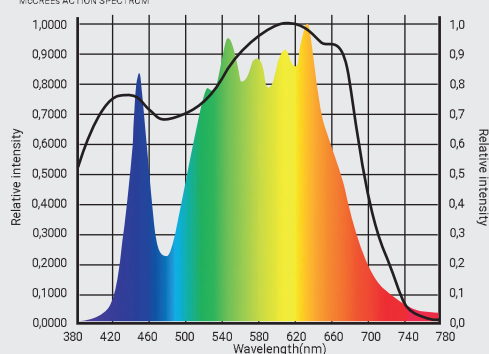
CE

RoHS
compliant



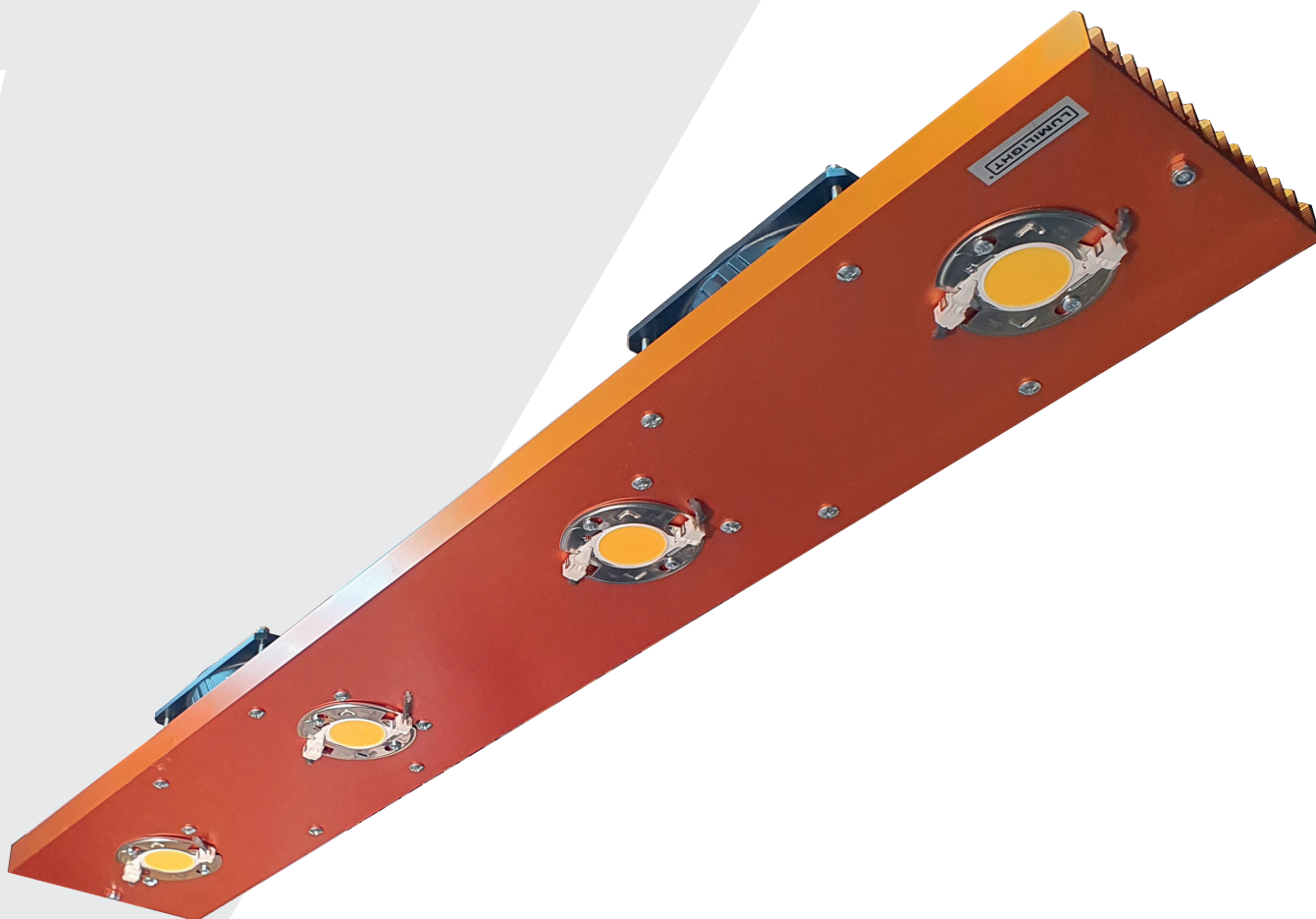
Original Spectrum

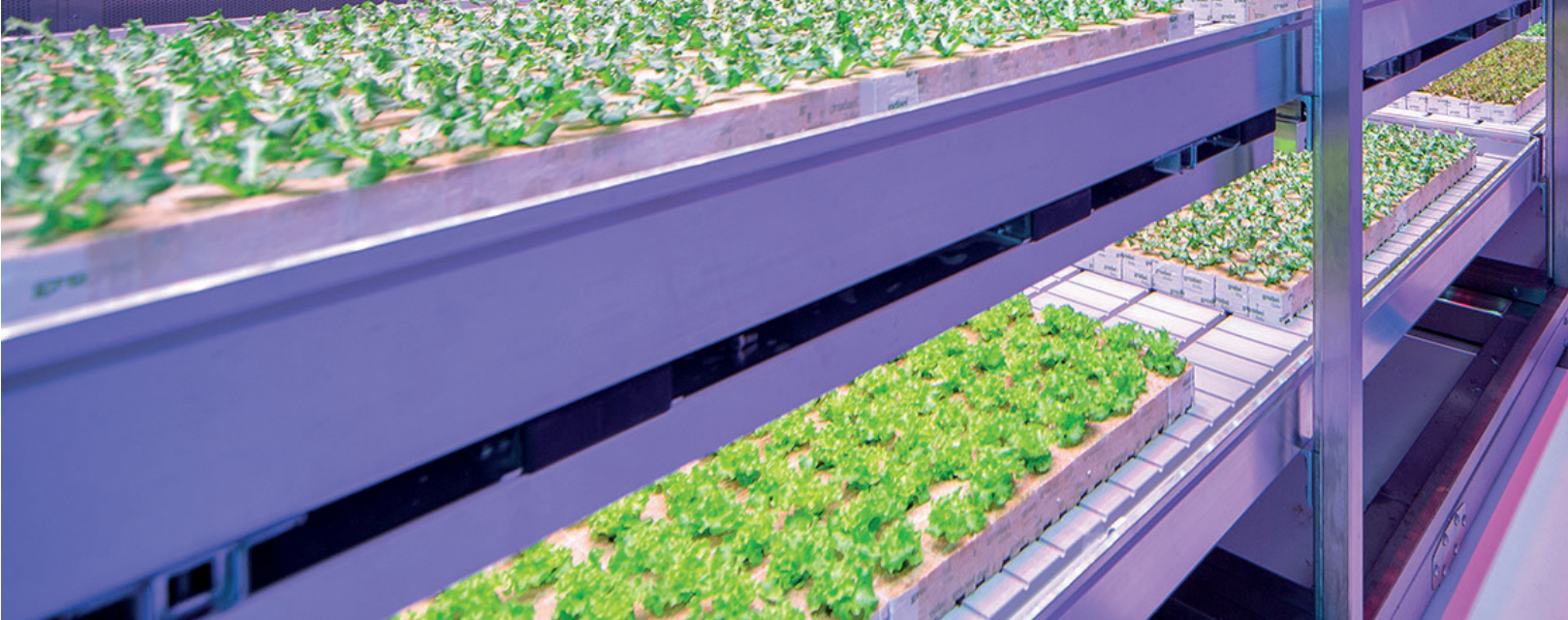
McCREE'S ACTION SPECTRUM



LUMILIGHT
LED GROW

REF	MAGMA LCR-315/3590
EFFICACY	3 $\mu\text{mol}/\text{J}$
PPF	969 $\mu\text{mol}/\text{s}$
PPFD	896 $\mu\text{mol}/\text{m}^2\text{s}$
DLI	77,47 $\mu\text{mol}/\text{m}^2$
INPUT VOLTAGE	200-240V / 50-60Hz
POW. CONSUMP.	315W
SPECTRUM	Full spectrum 3500° K
LIGHT DISTRIB.	120°
CRI	87
PFC	0,98
GROWTH AREA	1,70 x 0,80 m
FLOWERING AREA	1,50 x 0,75 m
LIGHT SOURCE	Cree CXB 3590
LED DRIVER	Mean Well IP67
DIMENSIONS	800 x 135 x 58 mm
WEIGHT	3,6 kg
LIFETIME	50.000 hours
WARRANTY	3 years





LED SOLUTIONS FOR YOUR CULTIVATION

We have the best led lighting solutions for growing plants and horticulture, we design first quality products already tested, and we are constantly developing new products to achieve both maximum production and higher quality in cultivation.

EUROPEAN MANUFACTURING

We assemble original top-quality products, the entire process is carried out in Spain, we offer 3 years warranty and technical service in Europe.

MAXIMUM SAVINGS

All of our products are silent and heat-saving, achieving maximum save in electrical consumption, extraction and ventilation.

The consumption of our equipment is 50% less than HPS lamps.

THE BEST PERFORMANCE

Our luminaires are assembled with the latest high performance LED technology. Currently,

our team assembles the latest generation of LEDs and high-efficiency energy. Among others we use LEDs Citizen CLU048-1212 and LED Cree CXB3590 coming to exceed $3\mu\text{mol} / \text{s}$ in some equipment.

Thanks to COB technology the infiltration of light into plants increase compare to SMD technology.

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LED GROW

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