



LED GROW LIGHT SOLUTIONS

LUMILIGHT®
LED GROW

SOLUCIONES LED PARA TU CULTIVO

Disponemos de las mejores soluciones en iluminación led para cultivo de plantas y horticultura, diseñamos productos de primera calidad ya testeados, y estamos constantemente desarrollando nuevos productos para conseguir la máxima producción y mayor calidad en cultivos.

FABRICACIÓN NACIONAL

Ensamblamos productos originales de primera calidad, todo el proceso se realiza en España, ofrecemos 3 años de garantía y servicio técnico propio para toda Europa.

MÁXIMO AHORRO EN TU CULTIVO

Todos nuestros productos no producen calor y son silenciosos, consiguiendo el máximo ahorro en consumo eléctrico, extracción y ventilación.

LOS MEJORES ESPECTROS PARA CULTIVO

Disponemos de los mejores espectros para cultivo tanto para floración como para crecimiento utilizando leds CREE CXB3590, CXB3070 y nuevos Cob especiales para horticultura.



LED GROW LIGHT SOLUTIONS

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

EUROPEAN MANUFACTURING

We assemble original products of first quality, All the process is carried out in Spain, we offer 3 years of guarantee and own technical service for all Europe.

MAXIMUM SAVINGS IN YOUR CULTIVATION

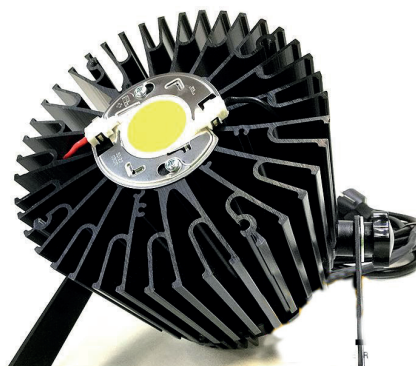
All our products do not produce heat and are silent, obtaining the maximum saving in electrical consumption, extraction and ventilation.

THE BEST SPECTROS PARA CROP

We have the best spectra for cultivation for both flowering and growth using CREE CXB3590, CXB3070 leds and new special Cobs for horticulture.



HIGH BAY GROW HCR SERIES



MEAN WELL
HBG-60-1400



MEAN WELL
HBG-160-60



CXB 3590



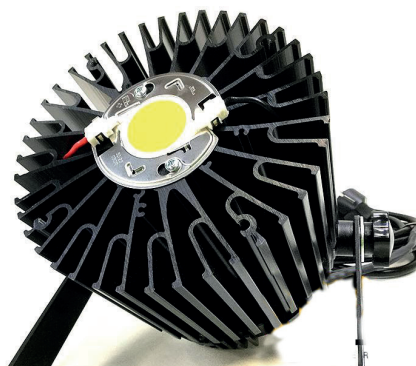
CXB 3070

Ref.	P	LED	CHIP	N.° LED	T.° Color PPF	Beam angle	PFC	IP	Lumens	Flowering Area (mm)	Material	Dimens. (mm)	LED Life	Warranty
HCR-55	55W	CREE	CXB3070	1	3500K	120°	>0,95	IP25	6.300	500x500	Passive heatsink	160x130	50.000 h	3 Years
HCR-100	100W	CREE	CXB3590	1	3500K	120°	>0,95	IP25	13.500	800x800	Passive heatsink	180x150	50.000 h	3 Years

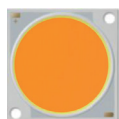
HIGH BAY GROW HPRB / HPW SERIES



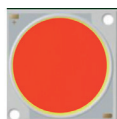
HORTICULTURE



MEAN WELL
HBG-100-48



CLU04H-PW



CLU04H-PRB

Ref.	P	LED	CHIP	N.° LED	T.° Color PPF	Beam angle	PFC	IP	Lumens	Flowering Area (mm)	Material	Dimens. (mm)	LED Life	Warranty
HPRB-85	85W	HORTICULTURE	CLU04H-PRB	1	130μ mol/s	120°	>0,95	IP25	4.600	700x700	Passive heatsink	160x130	50.000 h	3 Years
HPW-85	85W	HORTICULTURE	CLU04H-PW	1	134μ mol/s	120°	>0,95	IP25	7.000	700x700	Passive heatsink	160x130	50.000 h	3 Years

LED LINEAR 150W LCR / LPRB / LPW SERIES



CREE ⇄

HORTICULTURE

MW
MEAN WELL



MEAN WELL HLG-150H-36A



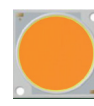
3 X ARTIC F8 SILENT



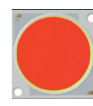
CXB 3590



CXB 3070



CLU04H-PW



CLU04H-PRB

Ref.	P	LED	CHIP	N.° LED	T.° Color PPF	Beam angle	PFC	IP	Lumens	Flowering Area (mm)	Material	Dimens. (mm)	LED Life	Warranty
LCR+150	150W	CREE ⇄	CXB3590	3	3500K	120°	>0,98	IP25	20.000	900x600	Active heatsink	800x100x15	50.000 h	3 Years
LCR-150	150W	CREE ⇄	CXB3070	3	3500K	120°	>0,98	IP25	17.300	900x600	Active heatsink	800x100x15	50.000 h	3 Years
LPRB-150	150W	HORTICULTURE	CLU04H-PRB	3	230µ mol/s	120°	>0,98	IP25	8.200	900x600	Active heatsink	800x100x15	50.000 h	3 Years
LPW-150	150W	HORTICULTURE	CLU04H-PW	3	237µ mol/s	120°	>0,98	IP25	12.500	900x600	Active heatsink	800x100x15	50.000 h	3 Years

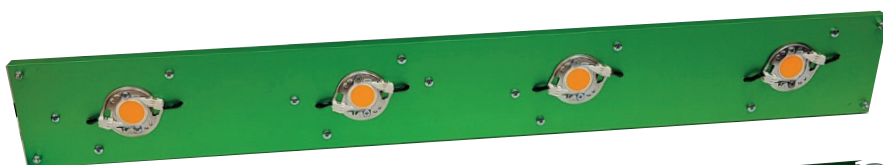
LED LINEAR 200W LCR / LPRB / LPW SERIES



CREE ⇄

HORTICULTURE

MW
MEAN WELL



MEAN WELL HLG-185H-36A



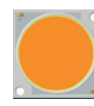
4 X ARTIC F8 SILENT



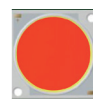
CXB 3590



CXB 3070



CLU04H-PW



CLU04H-PRB

Ref.	P	LED	CHIP	N.° LED	T.° Color PPF	Beam angle	PFC	IP	Lumens	Flowering Area (mm)	Material	Dimens. (mm)	LED Life	Warranty
LCR+200	200W	CREE ⇄	CXB3590	4	3500K	120°	>0,98	IP25	27.000	1200x600	Active heatsink	800x100x15	50.000 h	3 Years
LCR-200	200W	CREE ⇄	CXB3070	4	3500K	120°	>0,98	IP25	23.000	1200x600	Active heatsink	800x100x15	50.000 h	3 Years
LPRB-200	200W	HORTICULTURE	CLU04H-PRB	4	306µ mol/s	120°	>0,98	IP25	11.000	1200x600	Active heatsink	800x100x15	50.000 h	3 Years
LPW-200	200W	HORTICULTURE	CLU04H-PW	4	317µ mol/s	120°	>0,98	IP25	16.700	1200x600	Active heatsink	800x100x15	50.000 h	3 Years
LCPRB-200	200W	CREE ⇄ HORTICULTURE	CXB3070 CLU04H-PRB	2 2	3500K 153µ mol/s	120°	>0,98	IP25	17.000	1200x600	Active heatsink	800x100x15	50.000 h	3 Years
LPRBW-200	200W	HORTICULTURE HORTICULTURE	CLU04H-PRB CLU04H-PW	2 2	153µ mol/s 158µ mol/s	120°	>0,98	IP25	13.850	1200x600	Active heatsink	800x100x15	50.000 h	3 Years

LED LINEAR 250W LCR / LPRB / LPW SERIES



CREE

HORTICULTURE

MW
MEAN WELL



MEAN WELL HLG-240H-36A



5 X ARTIC F8 SILENT



CXB 3590



CXB 3070



CLU04H-PW



CLU04H-PRB

Ref.	P	LED	CHIP	N.° LED	T.° Color PPF	Beam angle	PFC	IP	Lumens	Flowering Area (mm)	Material	Dimens. (mm)	LED Life	Warranty
LCR+250	250W	CREE	CXB3590	5	3500K	120°	>0,98	IP25	33.000	1500x600	Active heatsink	1100x100x15	50.000 h	3 Years
LCR-250	250W	CREE	CXB3070	5	3500K	120°	>0,98	IP25	28.000	1500x600	Active heatsink	1100x100x15	50.000 h	3 Years
LPRB-250	250W	HORTICULTURE	CLU04H-PRB	5	383μ mol/s	120°	>0,98	IP25	13.600	1500x600	Active heatsink	1100x100x15	50.000 h	3 Years
LPW-250	250W	HORTICULTURE	CLU04H-PW	5	396μ mol/s	120°	>0,98	IP25	20.800	1500x600	Active heatsink	1100x100x15	50.000 h	3 Years

LUMILIGHT[®] LED GROW

SUITABLE LIGHT FOR PLANT GROWING

Offer the good light spectrum for plant by HORTICULTURE spectrum tuning technology. White horticulture color for good plant growing and good for human to observe.

LIGHT SOURCE	PPFD (400-700 nm) (μmol/s·m²)	A-PPFD (400-510, 610-700nm) (μmol/s·m²)
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HPS lamp

216

83



CLU04H-PRB

226

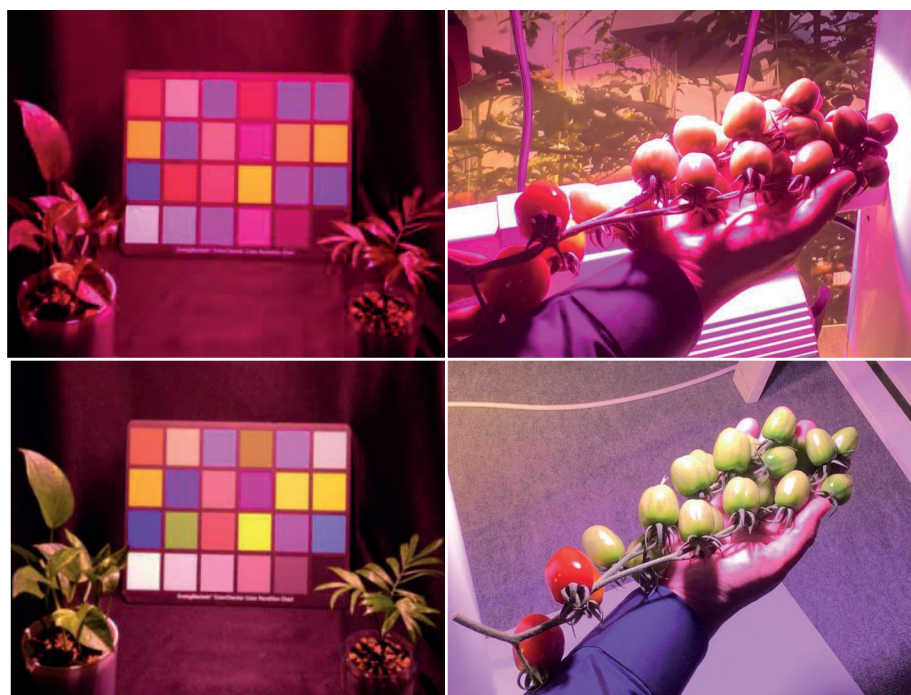
186



CLU04H-PW

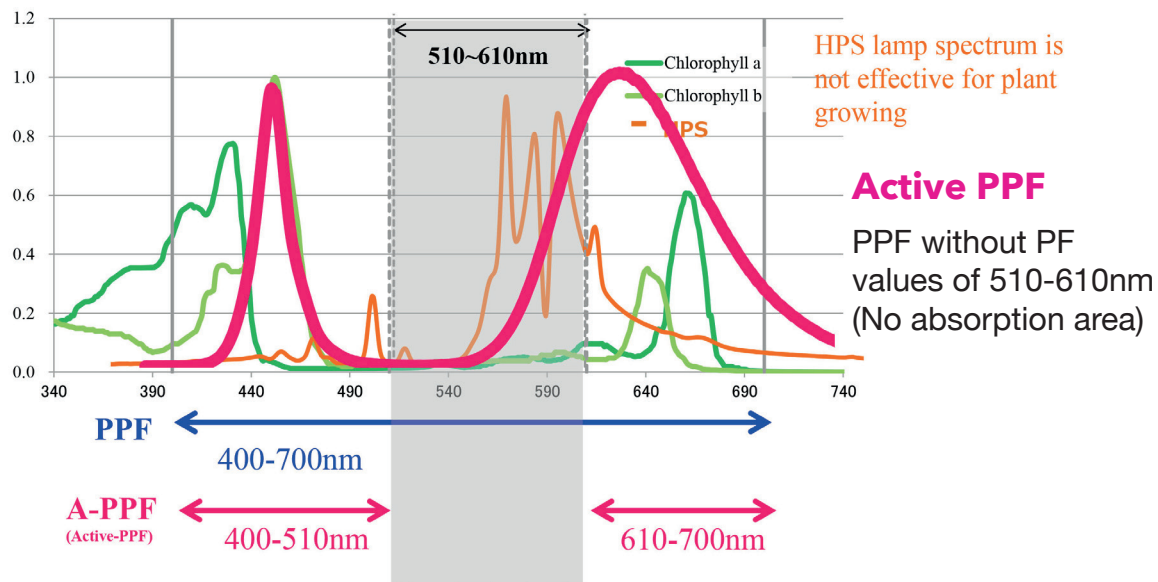
224

155



Test plant: Red leaf lettuce // Test environment: University of Yamanashi, at plant experiment unit

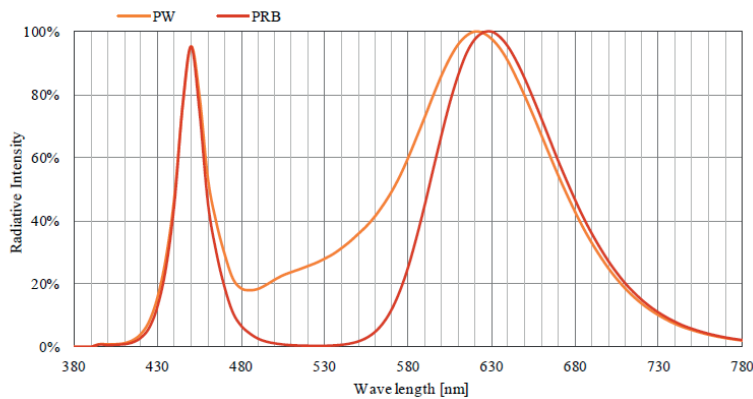
CHLOROPHYLL ABSORPTION SPECTRUM AND PLANT GROWING UNIT



SPECTRUM OF PW, PRB CHIPS

Spectrum : PW, PRB

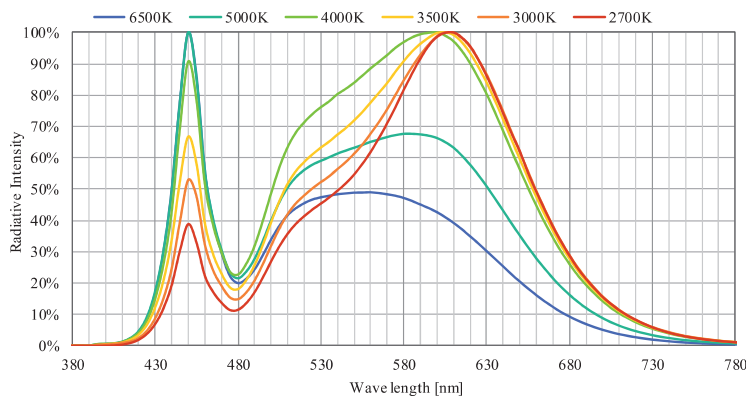
$T_j=85^{\circ}\text{C}$ $I_f=1080\text{mA}$



SPECTRUM OF CXB3590 CHIP

Spectrum : CRI(Ra) 80Min.

$T_j=85^{\circ}\text{C}$ $I_f=1080\text{mA}$



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