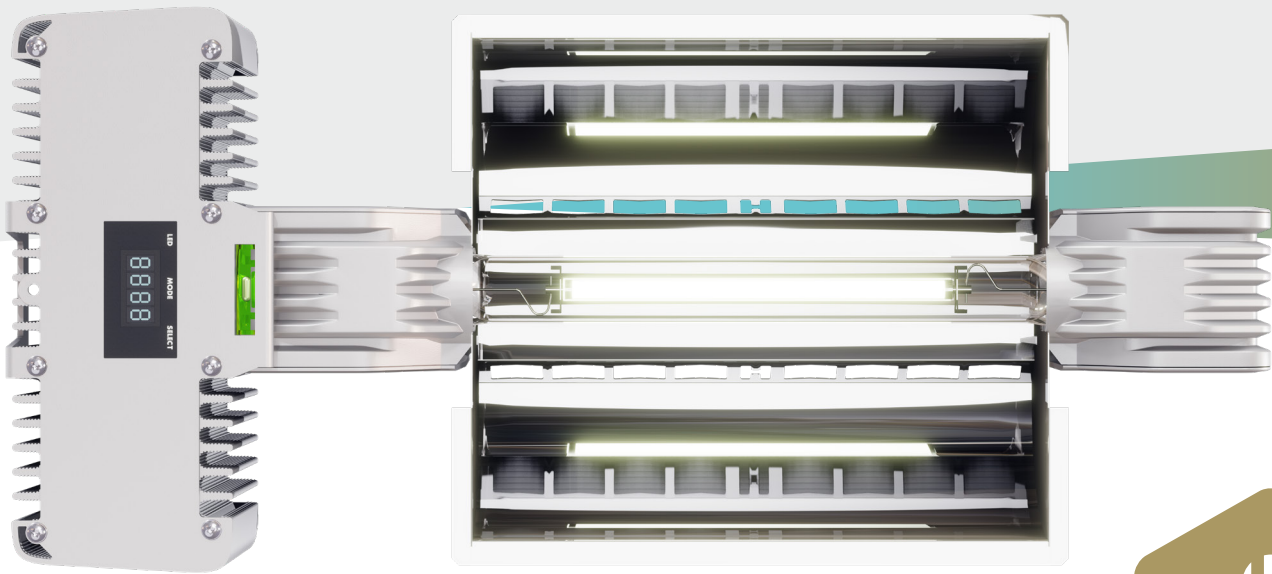


# DIMLUX PRO

PROFESSIONAL HORTICULTURE LIGHTING SOLUTION



## THE NEW DIMLUX PRO1000W

THE MOST ADVANCED COMPLETE LIGHTING  
SYSTEM ON THE MARKET TODAY

Dimlux develops and manufactures tailored lighting solutions for urban farming and small scale production and large scale horticulture. With decades of experience Dimlux engineers have combined the newest techniques and innovations to create the most advanced complete lighting systems on the market.

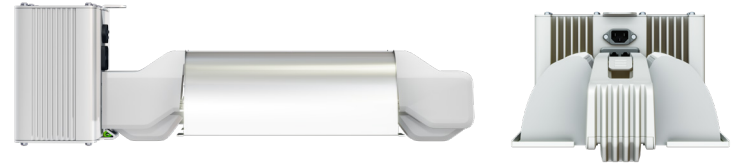


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# DIMLUX PRO SERIES



## CLOSED & VERTICAL BALLAST

The Pro series has a closed ballast instead of an open ballast. This protects the ballast from moisture. The ballast is mounted vertically to decrease the amount of daylight which is blocked by the fixture. We have done daylight simulations in CAD and this design had the least light interception during a full daylight cycle.

## GEO MEMBRANE

This to equalize the pressure inside and outside the ballast, this is to prevent moisture getting into the ballast when cooling off.

## WHITE COLOR

In order to prevent overheating the ballast by light absorption, and to reflect more usable light to the canopy instead of absorbing it.

## DIM BUTTON

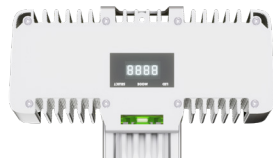
The output of the Dimlux Pro Series can be controlled up to 115%, both by using the dim button and by remote control.

## MANUAL POWER SETTINGS

500, 600, 700, 800, 900, 1000, 1075 and 1150w.

## 4 DIGIT DISPLAY WITH DIM SWITCH & BOOST

4-character status display with scrolling text. Status and error codes are fully displayed instead of a cryptic number.



## SPIRIT LEVEL

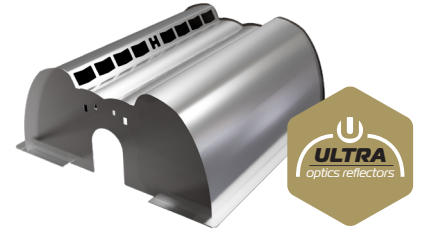
Because the illuminated surface in a greenhouse is much bigger than indoors, leveling the Pro series is more important to create good uniformity and to prevent shadows.

## PROTECTIVE MAGNETIC LAMP HOLDER CAPS

These caps prevent touching the lamp holder when the lamp is hot. It is both an electrical and fire safety measure. It also assures the lamp holder is properly closed when the caps are installed.

## EASILY REMOVABLE & PASSIVELY COOLED ULTRA OPTICS REFLECTOR

Because the easier it gets the better and quicker it is especially when the reflector will be changed at high heights for replacement or cleaning. Available with 3 different styles of reflectors, Hybrid (default), Deep and Wide. The reflector is passively cooled In order to get the optimum lamp temperature and highest light output.



## MIRO 95

The fixture has a Miro 95 (99.99 aluminium) instead of Miro Silver reflector. Silver could deteriorate in high humidity when scratched.

## SBCS

The main goal in designing the Ultra Optics Reflector was to achieve the highest efficiency (light output) possible. It's designed according to the SBCS (Single Bounce Clear Sight) principle which means the photons strike the reflector once, are bounced out, and headed to your canopy. This principle also aids lamp longevity. The light is NOT directed back through the lamp's arc tube causing pre-mature degradation.

	<b>240V</b>	<b>277V</b>
Input Power @100%:	1035w	1032w
Input Current @100%:	4.5A	3.7A
Input Power @ Boost:	1242w	1187w
Input Current @ Boost:	5.4A	4.25A
Input Frequency:	50/60Hz	50/60Hz
Power Factor:	> 0.95	> 0.95
System PPF@1000w:	2016µmol/s	2016µmol/s
System PPE@1000w:	1.95µmol/J	1.955µmol/J
System PPF@1150w:	2339µmol/s	2339µmol/s
System PPE@1150w:	1.96µmol/J	1.97µmol/J
Ultra High Frequency (UHF):	Yes	Yes
Controller (by WiFi):	Maxi Controller	Maxi Controller
Measurements:	21.2" x 9.8" x 4.5"	21.2" x 9.8" x 4.5"
Weight:	9 lbs	9 lbs
Power Cord:	13' NEMA 6-15P	13' NEMA L7-15P



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