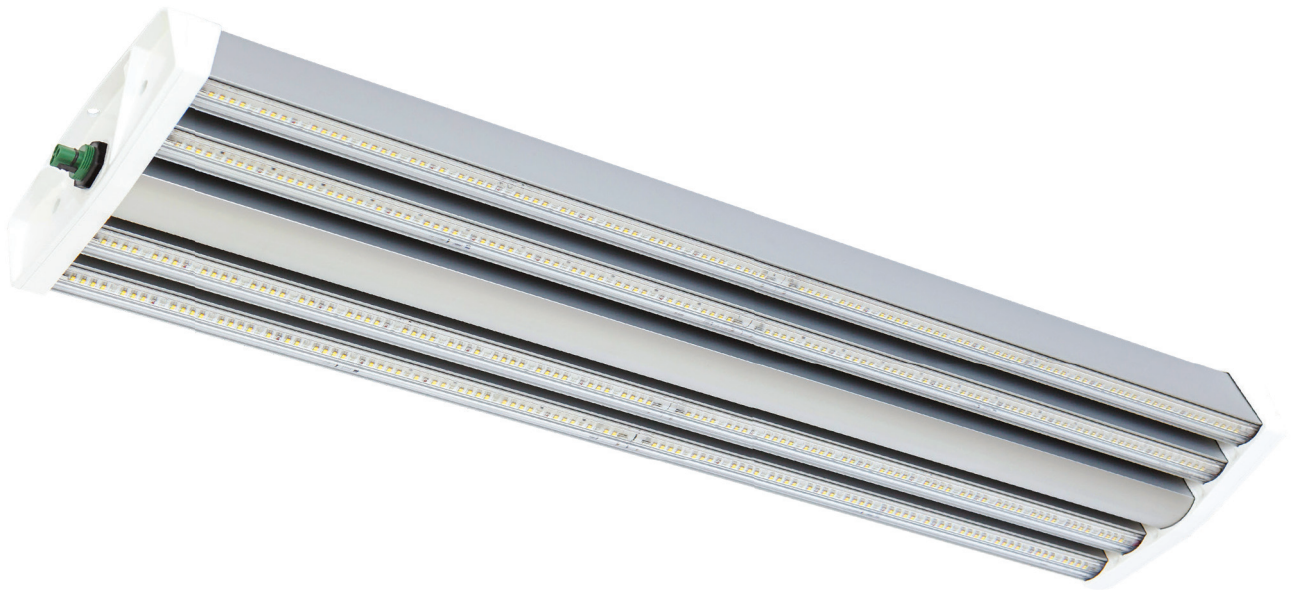




**Dutch Lighting**<sup>TM</sup>  
Innovations



# DLI DIODE-Series LED Toplighting fixture

Redefining  
The Grow Light

Designed and made in The Netherlands



# Redefining The Grow Light

Dutch Lighting Innovations is an innovative company which develops and manufactures supplemental lighting systems for the global greenhouse industry. Our products are made with components of the highest quality and reliability and are easy to maintain.

With almost a century of experience in developing, manufacturing and selling grow light fixtures to the international horticultural industry, the DLI-team has redefined the LED fixture in order to be able to continue to meet the high demands set by our customers in the modern horticultural industry.

DLI proudly presents the DIODE LED TopLighting Series. With this LED fixture, developed in close collaboration with leading companies in the lighting industry, DLI is setting a new standard in the horticultural sector.

The DLI DIODE LED TopLighting luminaires can be used in a hybrid solution with SON-T or as a full LED installation. The LED fixtures can also be used in climate chambers and multi-layer cultivation systems.

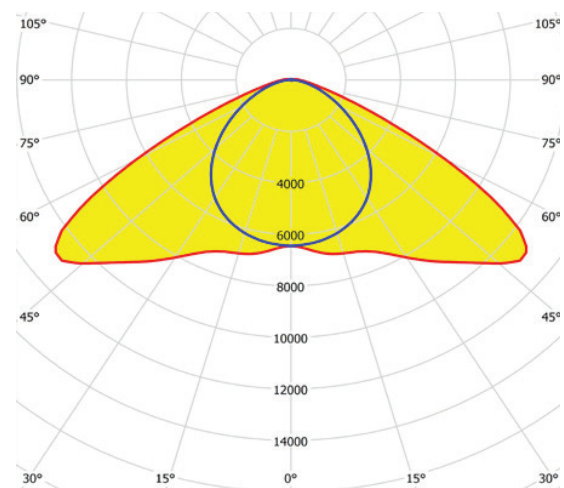
DLI's mission is to always create a fixture that surpasses the performance of the competitors, while improving the design to suit the purpose. This new design approach has resulted in numerous improvements design and functionality of our DLI DIODE LED TopLighting fixtures

“DLI's mission is to always create a fixture that surpasses the performance of the competitors, while improving the design to suit the purpose.”

We are totally aware that every situation and customer is unique. DLI can assist you with a project specific lighting plan, tailored to your wishes and which always shows the correct light level for all possible crops. DLI provides a total solution for both professional greenhouse horticulture and indoor applications. Our experienced team is always ready to select the best lighting solution suitable for your crop and your company. Whichever solution is chosen, the DLI lighting fixtures contribute to the highest possible yield and the shortest possible return on investment.

## Unique Light Distribution

Light is invaluable for growing vegetables, flowers and plants. A correct light intensity and uniformity will immediately lead to an improvement in yield. Due to the carefully placement of the LED bars and the specially developed lens, the DLI DIODE LED TopLighting fixtures have an excellent light distribution.



## OUR CORE VALUES



QUALITY &  
LONGEVITY



RESEARCH &  
DEVELOPMENT



INNOVATION  
IN DESIGN



CONSTANT  
IMPROVEMENT



CUSTOMER  
SATISFACTION

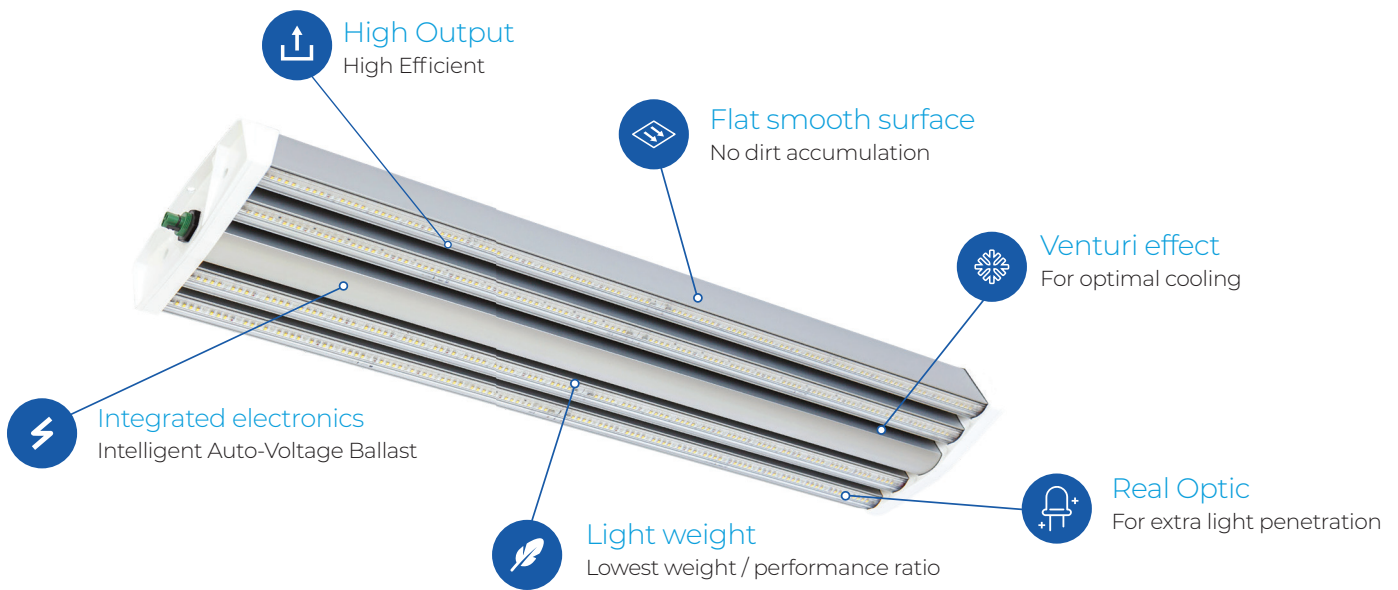
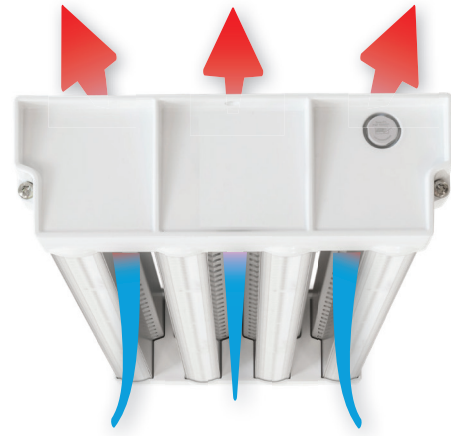


# How it Works

The DLI DIODE LED TopLighting fixtures are specially designed to deliver high PPF (Photosynthetic Photon Flux) values with a great light uniformity. The carefully placed LED bars and the unique design of the lens ensures an uniform light distribution over the crop. The DLI DIODE LED TopLighting fixtures are mounted to the trellis or C-profile using wire brackets.

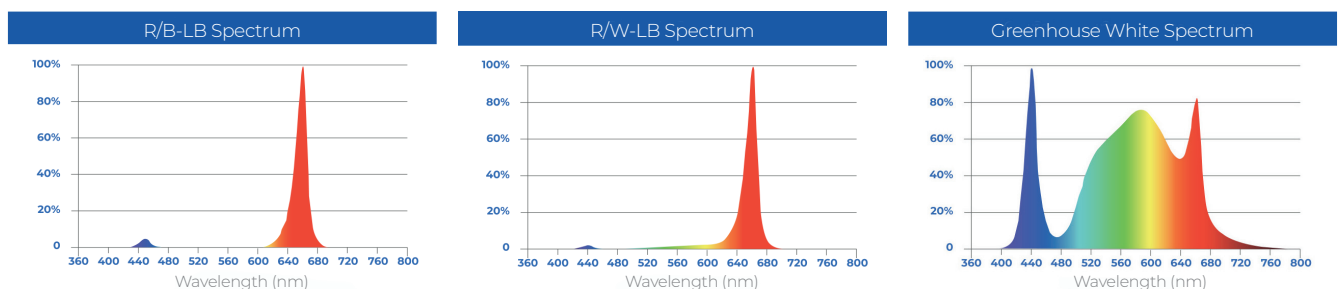
The compact and lightweight fixture housing is made of extruded aluminum profile with a smooth surface. This prevents dirt accumulation and the smooth surface makes it easy to clean the fixtures.

The LEDs and the fully integrated electronics are optimally cooled by means of the Venturi effect. The passive cooling ensures reliable operation and a long service life. Due to the



The DLI DIODE LED TopLighting fixtures are available in various designs and light spectrums. Please ask us about the possibilities for your specific application and crop.

Below are 3 examples.



# DLI DIODE-Series LED Toplighting fixture



## Technical Specifications

### DLI DIODE-Series LED Toplighting fixture

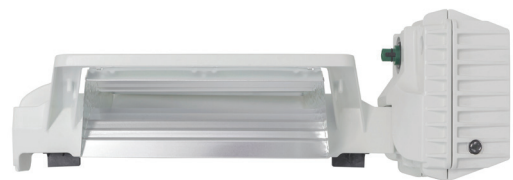
Input Voltage:	220V-400V (Intelligente Auto-Voltage Ballast)
Input Voltage Range:	±10%
Frequency :	50/60 Hz
Spectrum:	Depending on the version
Power Consumption:	Depending on the version
Output:	Depending on the version
IP Rating	IP65
Dimensions:	990 x 231 x 84 mm
Weight:	8 kg
Cooling:	Passive Air-Cooling
Lifetime:	L90: >50.000 hours
Certification:	CE / CSA

Also Available from **Dutch Lighting Innovations:**

DLI Horti-Series  
1000W DE Deep



DLI Horti-Series  
1000W DE Wide



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