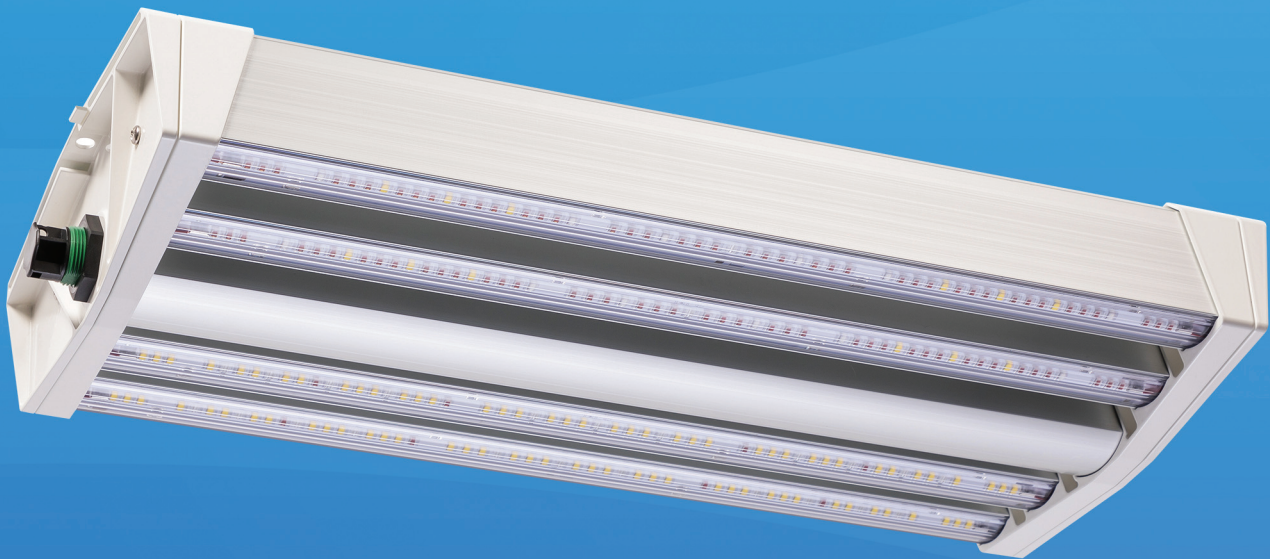




Dutch Lighting™
Innovations



DLI DIODE-Series Toplighting Fixture

Redefining
The Grow Light





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 very easy in maintenance.

With over 25 years of experience in development, production and sales of fixtures in the global greenhouse industry, the DLI team have redefined the lighting fixture.

After working closely together with Philips Lighting for High Pressure Sodium and Metal Halide systems, DLI developed LED products for climatized rooms, multi-layer grow systems and Interlighting for vegetable growth.

Our HPS and LED Interlight products can either be used as stand-alone systems or as a hybrid system to achieve the highest yields and to improve the growers return on investment.

DLI's mission is to always create a fixture that surpasses the performance of the competitors, whilst improving the design to suit the purpose. This new approach to design has made way for numerous improvements in the light fixtures design and functionality.

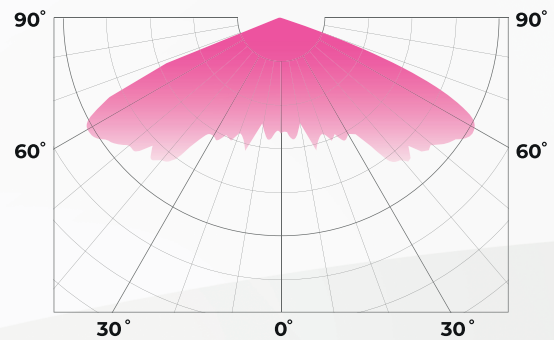
“DLI's mission is to always create a fixture that surpasses the performance of the competitors, whilst improving the design to suit the purpose.”

DLI can help with a customized lighting plan for your greenhouse or facility that match the requirements of your crop and light level and provide you with a comprehensive solution. With the experience of our team members we can help you with advise best fit for your company.

Unique Light Distribution

A percentage of harvestable plant height can suffer from lack of light due to dense canopy foliage; which will result in fewer flowers. Because of the unique light distribution the Toplighting system will provide High PAR PPF at an optimized coverage angle making sure the whole plant is activated by light.

Extensive trials have shown bigger leaves and flowers at the lower portions on the plant. The Toplighting fixtures emit very little heat and require no active cooling minimizing leaf burn.



OUR CORE VALUES



RESEARCH & DEVELOPMENT



INNOVATION IN DESIGN



QUALITY & LONGEVITY



CONSTANT IMPROVEMENT



CUSTOMER SATISFACTION

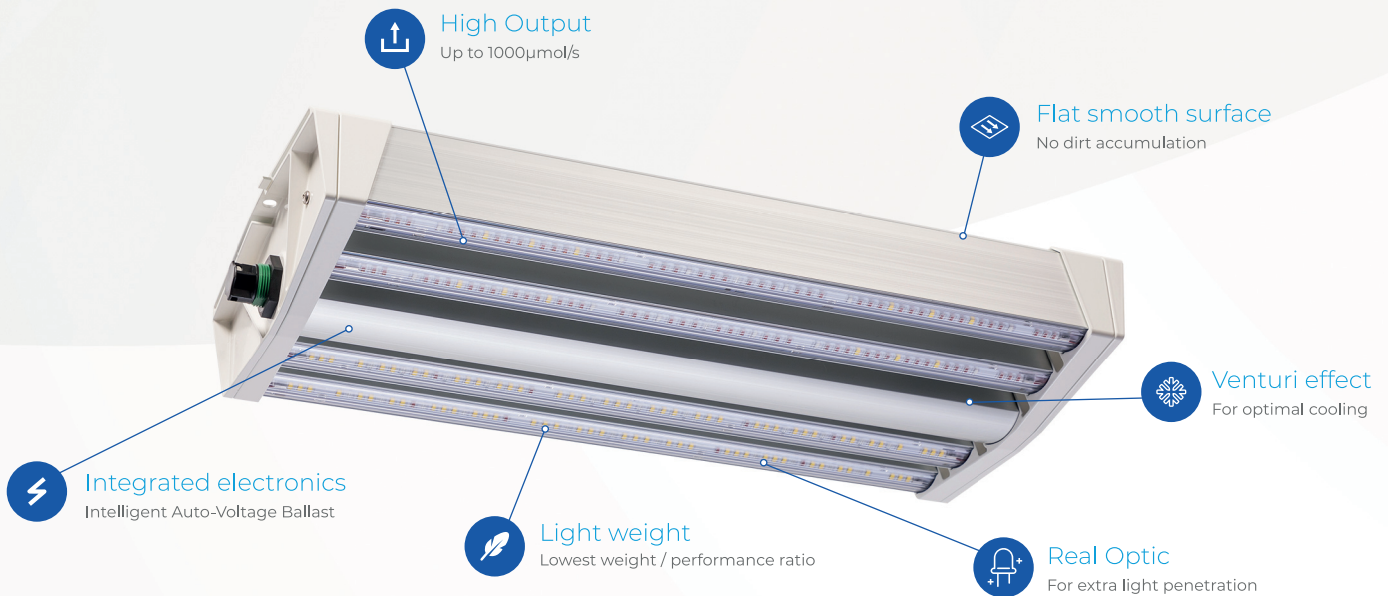
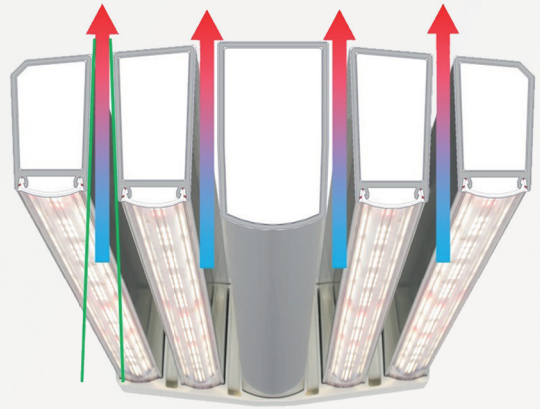
The DLI DIODE-Series Toplighting Fixture comes with a 3 year warranty.



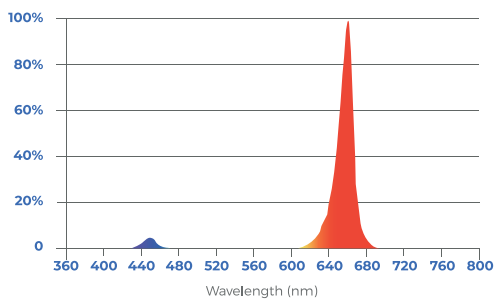
How it Works

DLI Toplighting fixtures are designed to deliver high levels of photosynthetic photon flux (PPF) values with optimal angled vertical light uniformity. The unique design of the lens creates a high uniform light distribution over the canopy. The fixtures are constructed in a slim water-proof design and suspended above the plant canopy with the easy-hang system.

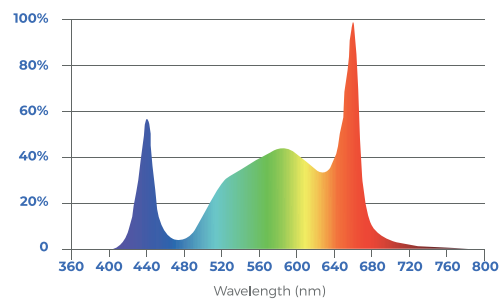
The optimized housing design enables a maximised surface area and contact to cool air, achieving a lightweight and compact design.



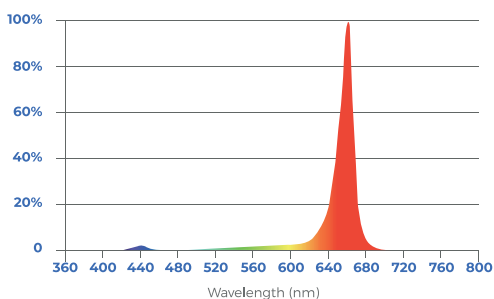
R/B-LB Spectrum



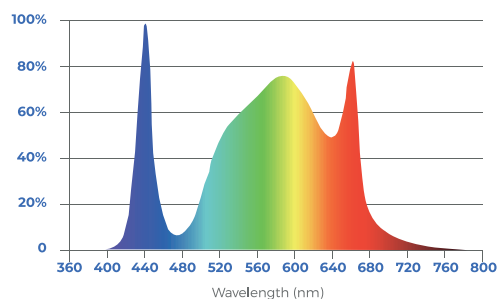
Indoor White Spectrum



R/W-LB Spectrum



Greenhouse White Spectrum



DLI DIODE-Series Toplighting Fixture



Dimensions:

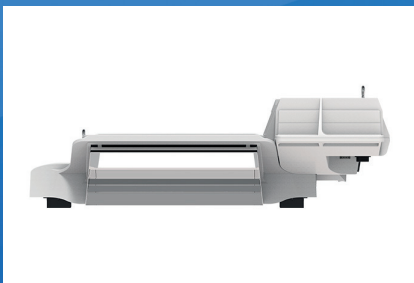
85 x 542 x 232 mm
(3.4 x 21.3 x 9.1 inch)

Technical Specifications

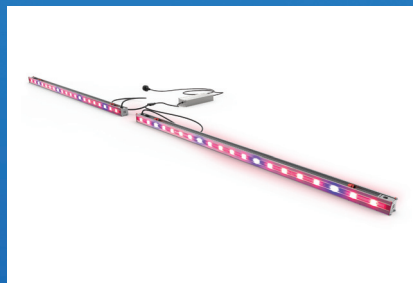
DLI DIODE-Series Toplighting Fixture	
INPUT VOLTAGE:	220V-230V-240V-277V-347V-400V INTELLIGENT AUTO-VOLTAGE BALLAST
INPUT VOLTAGE RANGE:	± 10%
RATED POWER R/B-LB:	330W
RATED POWER R/W-LB:	345W
RATED POWER INDOOR WHITE:	357W
RATED POWER GREENHOUSE WHITE:	361W
PPF R/B-LB:	1000 µMOL/S
PPF R/W-LB:	1000 µMOL/S
PPF INDOOR WHITE:	750 µMOL/S
PPF GREENHOUSE WHITE:	725 µMOL/S
FREQUENCY:	50/60 Hz
TYPICAL CURRENT:	1.4A @ 240V
IP RATING:	IP65
COOLING:	PASSIVE AIR-COOLING
LIFETIME:	L90: >50,000HRS
APPROVAL MARKS:	CE / CSA

Also available from Dutch Lighting Innovations:

JOULE-Series
1000W DE Fixture



DIODE-Series
Interlighting Fixture



DLI CRI-Series
315W CMH Fixture

