



Dutch LightingTM
Innovations



DLI HORTI-Series
1000W DE
Deep reflector

Redefining
The Grow Light

Designed and made in The Netherlands

WWW.DLI.NL

Redefining the light fixture

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 HPS 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 redefined HORTI-series. DLI is setting a new standard in the horticultural sector with this, in-house developed, HPS fixture. Due to the unique position of the electronic ballast in the die-cast aluminum housing and the use of materials and components of the highest quality, our engineers have succeeded in developing a fixture that is unequalled in the cooling of the electronics. The superb cooling of the electronics results in high reliability and a long service life of the fixture. Independent tests show that the DLI HORTI-series is the coolest fixture on the market!

The low housing makes it possible to install the fixture as high as possible above the crop, which results in an improved light uniformity on the crop. The project-specific made wire brackets make an easy installation of the fixtures on truss or C-profile possible. The brackets are carefully designed to ensure that the fixture is always level, both horizontally and vertically.

Efficiency and uniformity have been the main focus in the development of the reflectors. Each ray of light coming from the lamp either goes directly to the plant or will hit the 99.99% pure aluminum only once before being transmitted to the plant. The unique design of the DLI reflector ensures a uniform light distribution and therefore an even plant growth. There is a choice of a deep reflector or a reflector with a wide light distribution.

The reflectors from DLI are made from an electrochemically brightened high purity aluminum substrate coil, with an anodized base coat for a maximum protection of the surface. The material is then treated with specially developed processes to ensure maximum adhesion of the coating. A reflection layer of 99.99% pure aluminum is applied by means of vacuum coating. A double layer oxide system is applied to this reflection layer. This improves the total reflection and offers protection against damage.



Time for improvement

For Decades growers have settled for grow light fixtures that are not 100% tailored for their use and crop. Grow light manufacturers are always trying to appease the mass populations of growers, rather than honing in on exactly what they need for optimal performance, yields, and most important a high quality product, year round.

In addition to the trusted HPS fixtures, DLI also has an extensive choice of various LED products developed for growing vegetables, fruit, flowers, plants and young plants. Our HPS and LED products can be used either standalone or in hybrid installations. Whatever application, our products ensure good quality, the highest possible yield and the shortest possible return on investment.

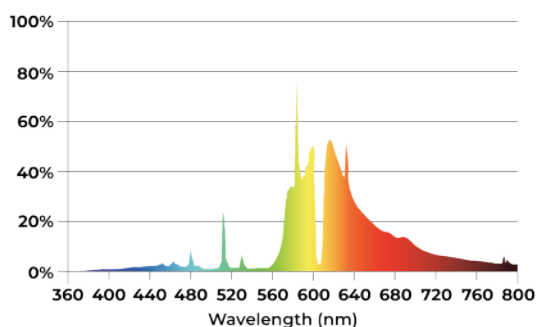
DLI's mission is to always create a fixture that surpasses the performance of the competitors, while improving the design to suit the purpose. This new design approach has resulted in numerous improvements in the light fixtures design and functionality.

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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.

μmol output

The new DLI HORTI fixture is specially designed for the High Pressure Sodium lamp. This lamp has been optimized to create an efficient and even photosynthesis in the plant.



OUR CORE VALUES



QUALITY & LONGEVITY



RESEARCH & DEVELOPMENT



INNOVATION IN DESIGN



CONTANT IMPROVEMENT



CUSTOMER SATISFACTION

DLI HORTI-Series 1000W DE Deep reflector

Technical Specifications*

DLI HORTI Series 1000W DE - Deep reflector			
μMol/J Output	2200	IP Rating	IP20
Beam Angle	120°C DEEP	Product Dimensions	22.4 x 9.8 x 7.7 inch / 57 x 25 x 19.5 cm
Power	1000W	Product Weight	9.9 lb / 4.5 kg
Voltage Range	277-400V	Certifications	CE, CSA, UL 1598, FCC part 18
Efficiency	2.1	Country of origin	The Netherlands
Dimming	N/A	Warranty	3 Years

*All values are measured according to industry standards, at 25°C ambient temperature, in the range 400-800nm for LED, 400-700nm for HPS and 275-800nm for UV



Also Available from **Dutch Lighting Innovations:**

DLI Horti-Series 1000W DE Wide

DLI APEX-Series LED TopLight



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