



PRESS RELEASE

LED INTERCANOPY LIGHTING COMPANY, GROW LIGHT DESIGN, LLC AND HARBORSIDE INC., A LEADING CALIFORNIA CANNABIS COMPANY COLLABORATE AND PROVE INCREASED YIELDS AND QUALITY

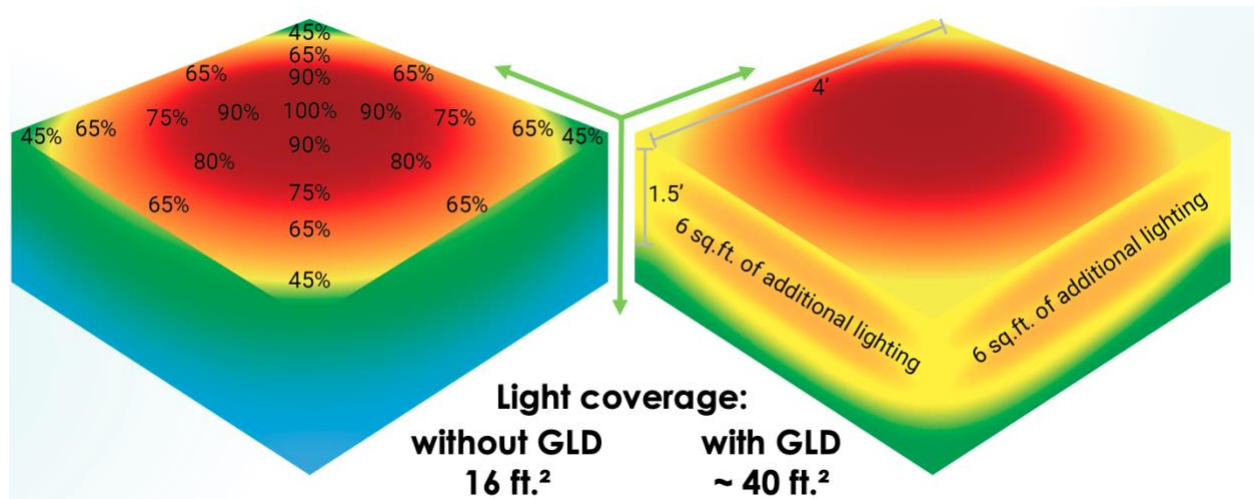
Southlake, Texas (Sept. 30, 2022) – Grow Light Design, LLC (GLD), provider of patented cannabis lighting for indoor and greenhouse cultivators and Harborside Inc., an award winning industry pioneer and leader of growing and retailing cannabis products to consumers, have completed a successful harvest using GLD’s supplemental lighting system at their 204,000 square foot Salinas, CA facility.

OVERVIEW

Harborside’s use of GLD Surround LED Lighting System optimized their grow and increased revenue by 21%. GLD’s lighting system increased overall biomass by 24% and produced over 40% more premium-grade flower. Harborside’s adoption of GLD’s intercanopy lighting represents a great value-add opportunity to their standard practices to produce more yield and quality in the same square footage.

PRODUCT

GLD Surround LED Lighting System is uniquely designed to provide lighting to light-deprived areas in controlled environment cannabis cultivation and compliment traditional overhead lighting. The energy efficient system (200W for 4’ x 4’) shines light on leaves and flowers around the perimeter like morning and afternoon sun without burning the leaves and flowers or obstructing access to plants. As an additional benefit, GLD provides light to parts of the plant that would otherwise detract from plant health and require removal resulting in potential for reduced trimming labor.





RESULTS

Harborside Inc. evaluated two cultivars (Banjo & G4) with GLD’s Surround Lighting System and achieved the following results:

BANJO	G4
13% Increase in Sellable Flower	12% Increase in Sellable Flower
31% Increase in Premium Flower	58% Increase in Premium Flower
Resulting in 21% REVENUE Increase from Trial	

EVALUATION DETAILS

- Strains: Banjo & G4
- GLD Surround Lighting System applied to eight week flower stage
- Control and treatment areas with equal plant count and strains
- Test period – late spring to summer

HARBORSIDE STATEMENT

“I was skeptical at first but a fact we cannot dispute is that plants are light accumulators with Cannabis showing potential for increased yields under extremely high (non-traditional) DLIs during flowering. This solution proved successful in combination with our existing supplemental lighting where we were able to deliver a more uniform DLI which not only increased yields but also facilitated a higher-grade flower ratio, which we attribute to better/more light penetration throughout the canopy. This resulted in an increased value per square foot harvested.”

-Travis Higginbotham, VP -Production, Harborside Inc.

About Grow Light Design, LLC.

GLD is a company based in Texas with an experienced team of cannabis lighting industry and lighting and control industry experts with an average experience of over 20 years who designs unique, patented cannabis cultivation lighting solutions. GLD’s LED Surround Lighting is designed to complement existing top light or sunlight and increase yield and bud size for both indoor and greenhouse cannabis cultivation in single tier or multi-tier grows.

Harborside Inc. (now Statehouse Holdings)

As one of the oldest and largest and most respected cannabis retailers in the world, Harborside Inc. has played an instrumental role in making cannabis safe and accessible to a broad and diverse community of California consumers. Harborside stores are known for having the world’s best curated selection of award-winning flower, concentrates, edibles, and other cannabis products from California’s most respected growers and manufacturers.

Harborside Inc. Cultivation Facility:

Facility Grow Space: 204,000ft², Facility Type: Greenhouse, Supplemental Top Light: LED

For more information about this topic, please contact GLD via email at scott@growlightdesign.com