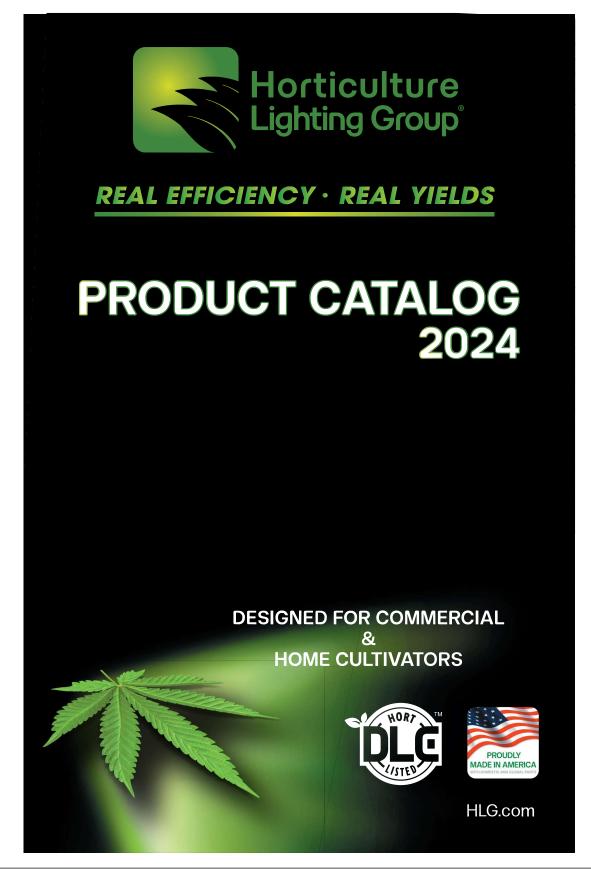


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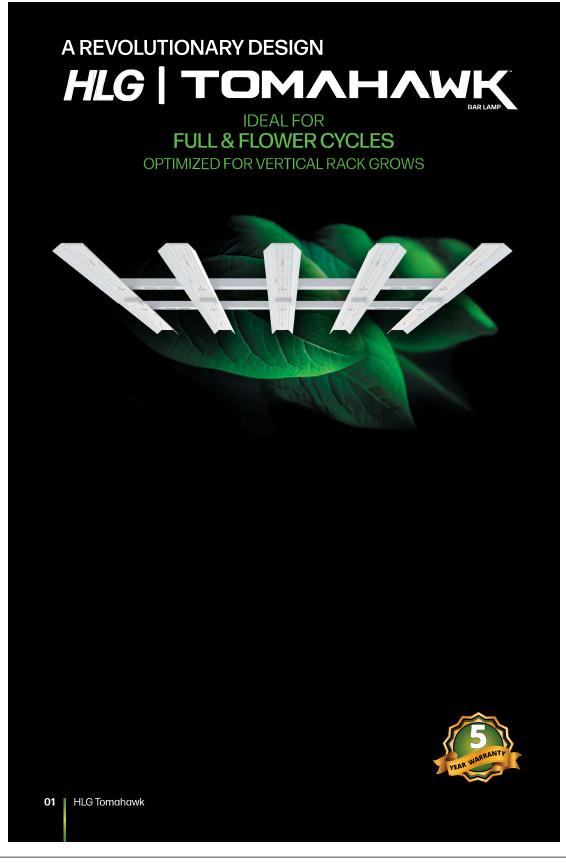






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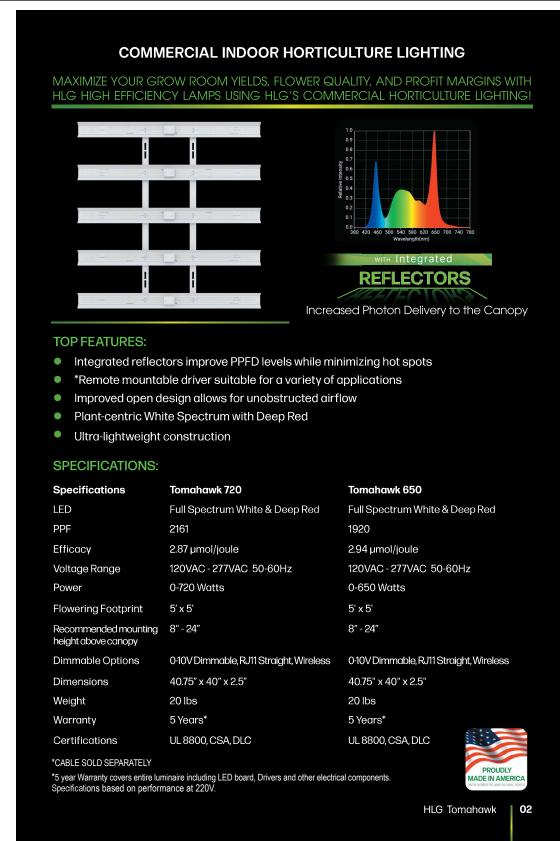






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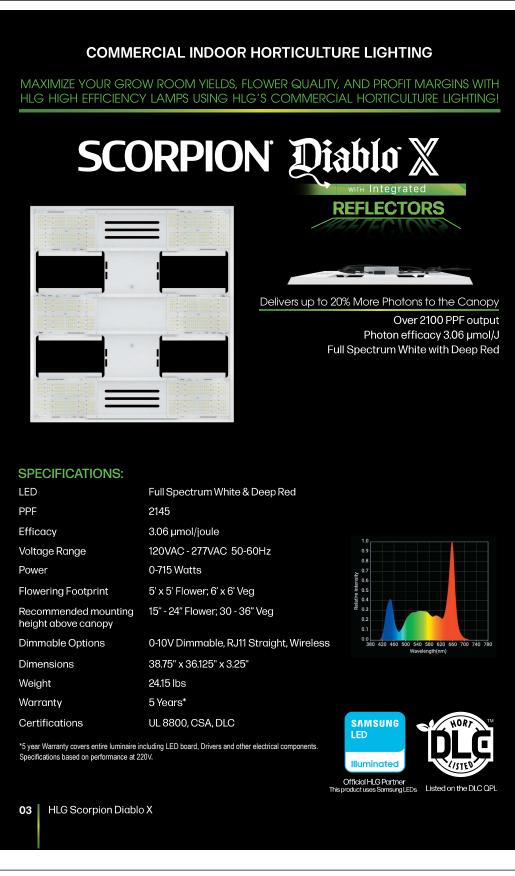






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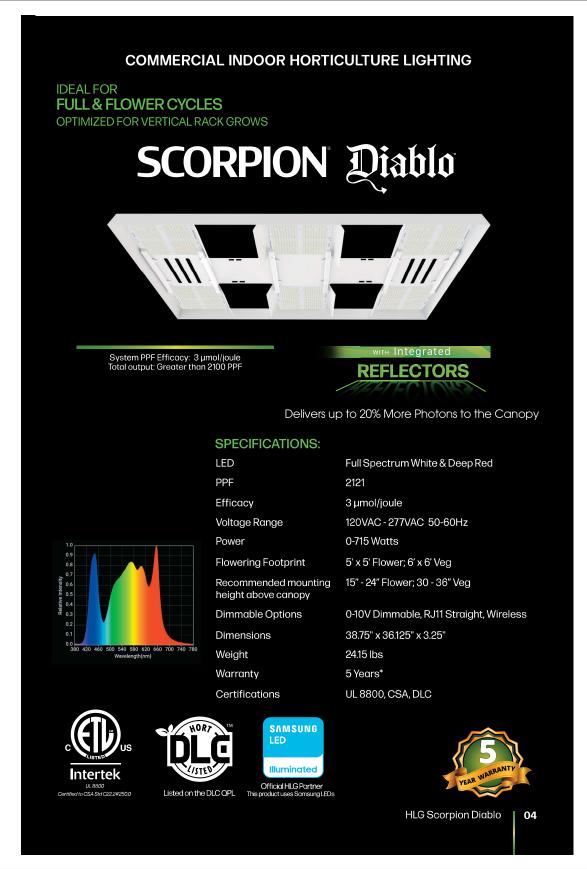






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COMMERCIAL INDOOR HORTICULTURE LIGHTING HLG 750 Diablo TH Integrated **IDEAL FOR** REFLECTORS **FULL & FLOWER CYCLES** Delivers up to 20% More Photons to the Canopy HLG 750 Diablo commercial lamps are designed for growers who want to maximize crop yields with a grow light that offers both high intensity and high efficiency. This lamp uses 4 Advanced Design Diablo Quantum Boards[®] for an even light spread making it perfect for grow tents, flood tables and rolling benches. Integrated reflectors improve photon delivery resulting in even coverage and higher yields even at lower levels of the canopy. This lamp produces over 2000 PPF output with photon efficacy of 2.88 μ mol/joule. SPECIFICATIONS: 0.8 0.6 LED Full Spectrum White & Deep Red PPF 2056 0.3 Efficacy 2.88 µmol/joule 0.0 460 500 540 580 620 660 700 740 120VAC - 277VAC 50-60Hz Voltage Range Power 0-715 Watts Flowering Footprint 5' x 5' Flower; 6' x 6' Veg Recommended mounting 15" - 24" Flower; 36" Veg height above canopy **Dimmable Options** 0-10V Dimmable, RJ11 Straight, Wireless Dimensions 37.5" x 27.125" x 3.75" Listed on the DLC QPL 20.25 lbs Weight SAMSUNG Warranty 5 Years* LED Certifications UL 8800, CSA, DLC Illumina *5 year Warranty covers entire luminaire including LED board, Drivers and other electrical components. Official HLG Partner This product uses Samsung LEDs Specifications based on performance at 220V. HLG 750 Diablo 05



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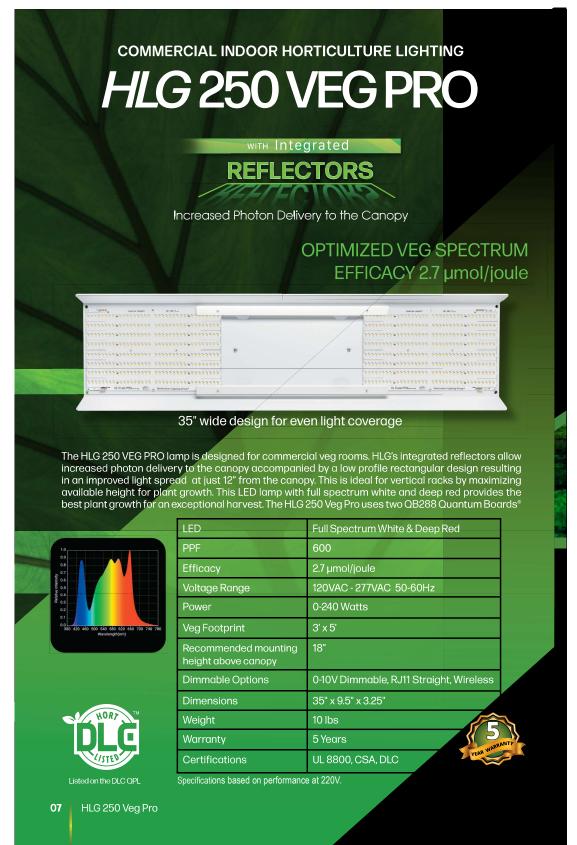






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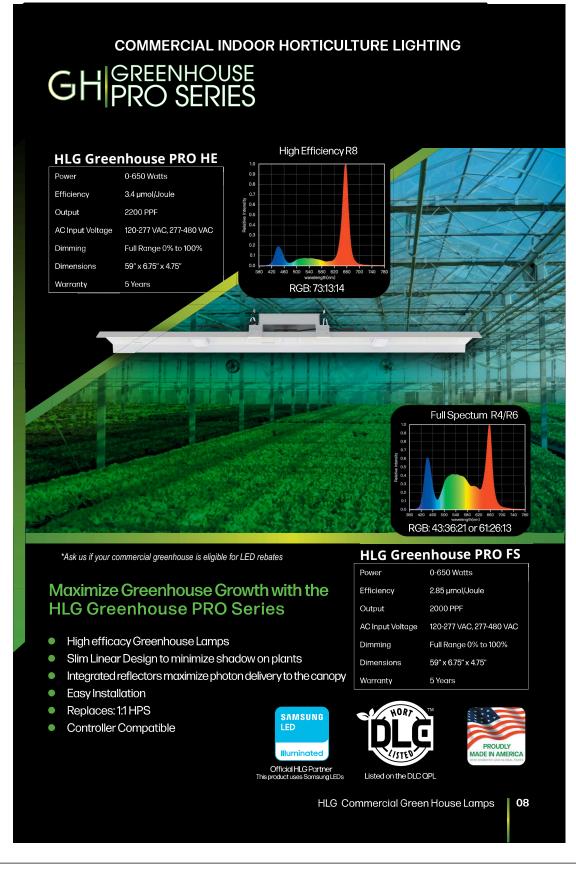






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INDOOR HORTICULTURE LIGHTING

SCORPION RSPEC. FR

IDEAL FOR FULL & FLOWER CYCLES



REFLECTORS Increased Photon Delivery to the Canopy

итн Integrated

HLG Scorpion Rspec FR is designed for home and commercial growers looking for a cost-effective lamp with high performance. The dimmable design makes it ideal for a 5'x5' coverage in grow tents, flood tables and rolling benches. This lamp is powered by six QB272 Quantum Boards® and includes 660nm deep red along with the 730nm far-red spectrum.

Integrated reflectors improve photon delivery resulting in better quality yields even at lower levels of the canopy. This lamp produces over 1837 PPF output with photon efficacy of 2.62 µmol/joule.

SPECIFICATIONS:

LED	Full Spectrum White, Deep Red Far Red		.0
PPF	1837		1.9 1.8 1.7
Efficacy	2.62 µmol/joule	ensity o	1.6
Voltage Range	120VAC - 277VAC 50-60Hz	Relative o c	1.4
Power	0-700 Watts	0	12
Flowering Footprint	5' x 5' Full and Flower Cycles	0	0 380 420 460 500 540 580 620 660 700 740 780 Wavelength(nm)
Recommended mounting height above canopy	18" Flower; 24" Veg		
Dimmable Options	0-10V Dimmable, RJ11 Straight, W	'ireless	
Dimensions	38.75" x 36.125" x 3.25"		ール
Weight	24.15lbs		
Warranty	3 Years	R	ENEFITS OF FAR-RED
Certifications	UL 8800, CSA		
Specifications based on performance at 220V.			Increases plant biomass omotes lateral root growth ciency of overall spectrum

09 HLG Scorpion[®] Rspec FR



PROJECT:	PREPARED BY:	
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INDOOR HORTICULTURE LIGHTING

HLG 700 R SPEC. FR

IDEAL FOR FULL & FLOWER CYCLES

HLG 700 Rspec FR is designed for home and commercial growers looking for cost-effective lamp with high performance. Dimmable design makes it ideal for a 4x4 or 5x5 coverage in grow tents, flood tables and rolling benches. This lamp is powered by four QB272 Quantum Boards[®] and includes 660nm deep red along with the 730nm far-red spectrum.

Integrated reflectors improve photon delivery resulting in better quality yields even at lower levels of canopy. This lamp produces over 1585 PPF output with photon efficacy of 2.5 µmol/joule.

with Integrated

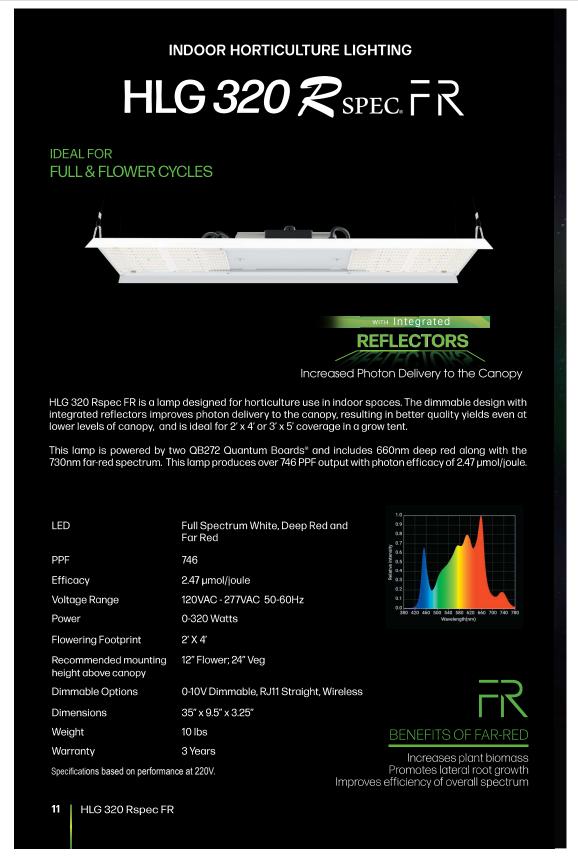
	the second second second second	REFLECTORS
	Increased F	Photon Delivery to the Canopy
SPECIFICATIONS:		
LED	Full Spectrum White, Deep Red and Far Red	
PPF	1585	0.8
Efficacy	2.50 µmol/joule	A1500 000
Voltage Range	120VAC - 277VAC 50-60Hz	10.3 0.3
Power	0-633 Watts	0.2
Flowering Footprint	5' x 5' Full and Flower Cycles	0.0 380 420 460 500 540 580 620 660 700 740 780 Wavelength(nm)
Recommended mounting height above canopy	18" Flower; 24" Veg	HORT
Dimmable Options	0-10V Dimmable, RJ11 Straight, Wireless	
Dimensions	37.5" × 27.125" × 3.75"	
Weight	20.25 lbs	Listed on the DLC QPL
Warranty	5 Years	BENEFITS OF FAR-RED
Certifications	UL 8800, CSA, DLC	
pecifications based on performance	xe at 220V.	Increases plant biomass Promotes lateral root growth /es efficiency of overall spectrum
		HLG 700 Rspec FR 10

LED LIGHTING CONCEPTS LLC Tel: +1 865 387 0062 sales@ledlightingconceptsllc.com - www.ledlightingconceptsllc.com



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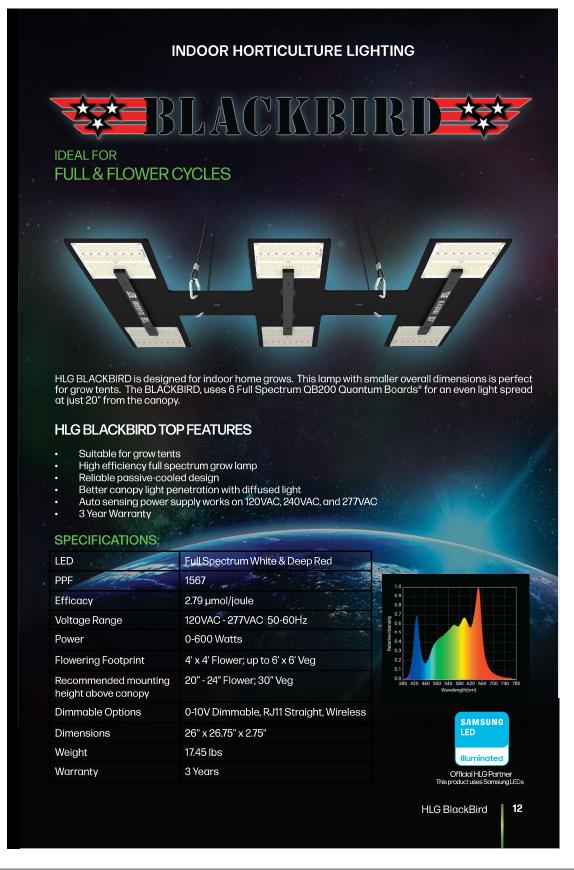






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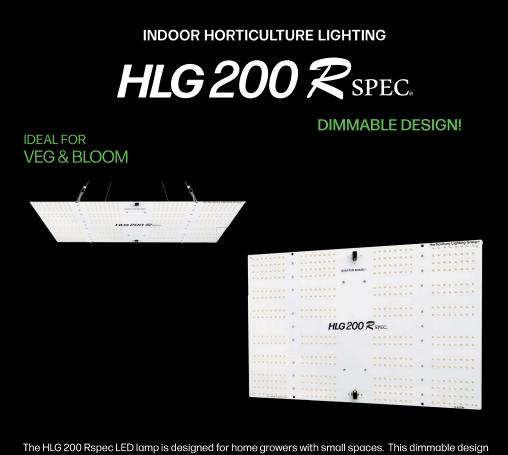






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The HLG 200 Rspec LED lamp is designed for home growers with small spaces. This dimmable design allows for dialing in a desired intensity for your plants, and is powered with our Quantum Boards[®] using the latest Samsung's plant-centric white and 18 Deep Red LED's. The HLG 200 Rspec will dim to off and is controller compatible.

 $^{\ast}\mbox{The DC}$ connector must be plugged into the barrel power jack/connector for lamp to receive power.

SPECIFICATIONS:

LED	Full Spectrum White& Deep Red	
PPF	495	1.0
Efficacy	2.52 µmol/joule	0.9
Voltage Range	120VAC - 277VAC 50-60Hz	0.7 0.6
Power	0-196 Watts	Agreeut
Flowering Footprint	2' x 2' Flower; 3' x 3' Veg	∞ 0.3 0.2 0.1
Recommended mounting height above canopy	16" - 20" Flower; 24" - 30" Veg	0.0 380 420 460 500 540 580 620 660 700 740 780 Wavelength(nm)
Dimmable Options	0-10V Dimmable	SAMSUNG
Dimensions	20" x 13" x 1.75"	LED
Weight	5 lbs	Illuminated
Warranty	3 Years	Official HLG Partner This product uses Samsung LED

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INDOOR HORTICULTURE LIGHTING

HLG 100 RSPEC.

IDEAL FOR FULL & FLOWER CYCLES

100 RSPEC TOP FEATURES

- High efficiency Samsung LM301H LED
- White light full spectrum for better results
- Reliable passive cooled design
- Better canopy light penetration with diffused light
- Mean Well power supply included with NEMA 1-15P plug



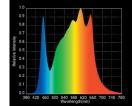
Hanging Hardware Included

Please Note: Extension cords on the HLG 100's are not recommended as use may cause damage and can break the connector on board. The driver may be mounted on the top of the plate. Partial Assembly Required

The HLG 100 Rspec® uses high efficiency white light Quantum Boards® made by Samsung using the latest LM301H full spectrum LED and LM351H Deep Red LEDs to help with flowering. This fixture produces 220 PPF, 14,000+ Lumens with just 95 Watts of power. Equivalent to 220W T5 or 300W CFL output or 200W metal halide.

SPECIFICATIONS:

176 Samsung LM301H LED's & 4 LH351H V2 Deep Red 660nm
220
2.41 µmol/joule
90VAC - 264VAC 50-60Hz
0-95 Watts
2' x 2' at 12" - 18"
3' x 3' at 18" - 24"
12.75" x 11" x 2.5″
3 lbs
3 Years





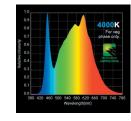
Official HLG Partner This product uses Samsung LEDs

IDEAL FOR VEG CYCLES ONLY

HLG100V2



LED	192 Samsung LM301H LEDs
PPF	224.51
Efficacy	2.41 µmol/joule
Voltage Range	90VAC - 264VAC 50-60Hz
Power	0-95 Watts
Flowering Footprint	2' x 2' at 12" - 18"
Veg Footprint	3' x 3' at 18" - 24"



HLG 100 Rspec & V2 4000K

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LED LIGHTING CONCEPTS LLC Tel: +1 865 387 0062 sales@ledlightingconceptsllc.com - www.ledlightingconceptsllc.com



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INDOOR HORTICULTURE LIGHTING

IDEAL FOR VEG, FLOWER, CLONES & HLG 65 SUPPLEMENTAL LIGHTING IN SMALL SPACES 40

The HLG 65 lamp is designed for vegging, clones, supplement lighting or smaller plants. This lamp uses our custom designed High Efficiency White light Quantum Board[®]. With a total of 120 Samsung LM301H LEDs, this fixture produces 10,000 Lumens with just 65 Watts of power. Equivalent to 150W T5, 200W CFL or 150W metal halide output.

Note: The driver may be mounted on the top of the plate Unit will not Daisy Chain Partial Assembly Required



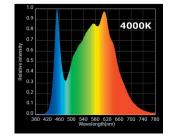
Hanging Hardware Included

HLG 65 TOP FEATURES

- High efficiency QB120 Quantum Board®
- White light full spectrum 4000K
- Better canopy light penetration with diffused light
- Mean Well power supply included with NEMA 1-15P plug

SPECIFICATIONS:

LED	120 Samsung LM301H LEDs
PPF	152
Efficacy	2.35 µmol/joule
Voltage Range	90VAC - 264VAC 50-60Hz
Power	0-65 Watts
Veg Footprint	2' X 2'
Recommended mounting height above canopy	12" - 18"
Dimensions	11" x 9.5" x 2"
Weight	1.75 lbs
Warranty	3 Years



HLG

HLG.com

65



15 HLG 65 4000K





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CONTROLLER COMPATIBILITY

Improved Growth: LED Lighting Controllers let you fine-tune the light conditions for your plants. You can adjust things like light intensity, how long it's on, and even strategic lighting routines. This precision means your plants can grow better, yielding more and healthier crops.

Energy Savings: With a controller, you can set a schedule for your lights. This means they're only on when your plants need them. You save on energy bills and help the environment by reducing power usage.

Consistency: These controllers provide a stable and precise way to manage your lights. That consistency helps create a steady growing environment, leading to more predictable and uniform crop growth. Your plants get what they need when they need it.

So, if you're serious about indoor growing, a lighting controller is a pretty handy tool to have in your toolkit. Check out these brands for some of the best options in your grow:

AC Inifinity - An entry level environmental controller when paired with the Type B adapter can be used to adjust intensity and scheduling of your light.

TELOS - The Growcast is a robust plug and play controller that has the capability to schedule and control up to 50 fixtures at a time using Bluetooth.

Trolmaster - When paired with the LMA-14 can control up to 24 lights per adapter as well as controlling other aspects of the growing environment.

GrowFlux - Growflux is a WiFi connected mesh network controller with the capability of operating up to 200 fixtures through their Access Point, as well as environmental sensors and unique control options.

There are many other brands available, please contact customer support if you have any questions.



DAISY CHAIN COMPATIBILITY

Our HLG commercial lamps have the daisy chain feature that greatly reduces the amount of outlets needed in a grow room, thereby reducing wiring and electrical installation costs. For more information please contact HLG to discuss this option for your facility.



HLG Controller & Daisy Chain Compatibility

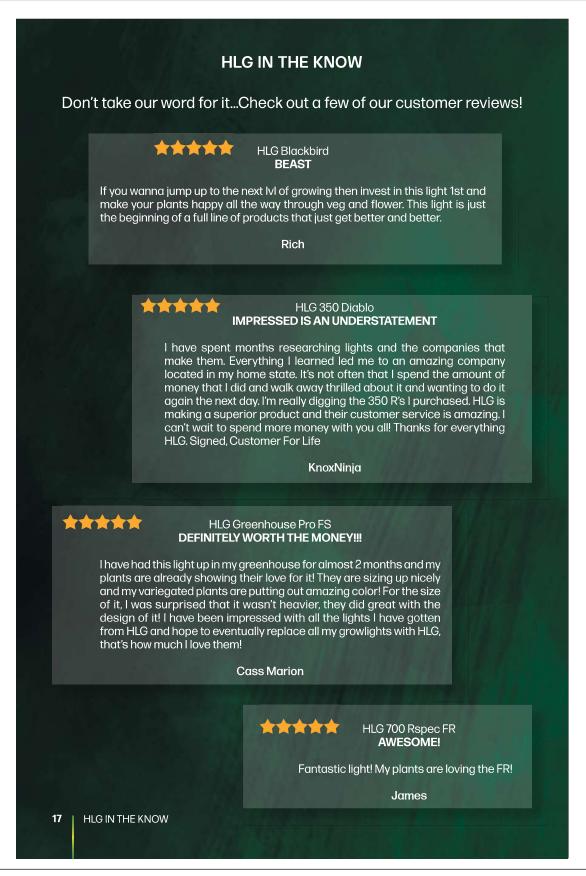
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Engineered for Commercial Grows

THE FUTURE OF HORTICULTURE LIGHTING

Horticulture Lighting Group has been pushing the boundaries of LED lighting since 2016. Originators of the Quantum Board[®], HLG manufactures one of the most efficient full spectrum lights on the market. With a focus on quality, each light has been developed to break the mold of traditional LEDs and pave the way for the future of horticulture lighting.

